

# Tandy

## 1980-81 ELECTRONICS CATALOGUE

A new everything system  
with Digital Computer  
Technology



**£499<sup>00</sup>**

From the biggest electronics retailer in the world comes a new system reflecting 60 years of value and engineering excellence. The new STA-2250 receiver. No dial pointer knob, simply the total precision of your 16 favourite stations quartz locked into a computerised pushbutton memory, or the convenience of FM/AM auto-scanning all with digital frequency display. Add two Optimus-11 speakers a new LAB-390 direct drive turntable complete with cartridge and dust cover, the advanced SCT-22 cassette deck designed for metal tape and PRO-20 headphones to explore a new dimension of Hi-Fi Realism. Tomorrow's technology today from Tandy.

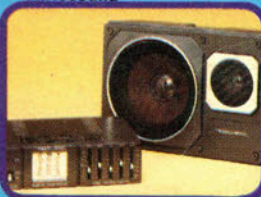
Regular Separate Items Price £645.70

Special System Price £499

Hi-Fi Stereo



Autosound



Batteries



Calculators



Transceivers



Recorders & Tape



Kits, Toys, Parts



Radios



Security Devices



Telephones & Intercoms

# AUDIO SEPARATES AT REALISTIC PRICES THE COMPLETE MODULAR STEREO SYSTEM



DE-LUXE RACK STORAGE  
CABINET 42-9305

**£39<sup>95</sup>**

(without Components)

## REALISTIC LAB-390 DIRECT DRIVE TURNTABLE

Brushless DC servomotor instantaneously senses and corrects turntable speed. Variable pitch control and built in strobe light for precise speed adjustment. Easy to use front mounted controls.

42-2967

£99.95

**£99<sup>95</sup>**

## REALISTIC SA-950 STEREO AMPLIFIER

Versatile, matching stereo amplifier. LED power level display, microphone jack with variable source/mic mixing control. Tape monitor, loudness, phono/tuner function switches. Output power: 25W x 2.

31-9038

£119.95

## REALISTIC TM-950 LW/MW/FM

Advanced circuitry and design ensure perfect reception every time. FET front-end FM tuner for superior sensitivity and FM multiplex ensures maximum stereo separation. Features illuminated slide rule dial, lighted dial pointer, stereo beacon and built-in FM muting.

31-9039

£119.95

## REALISTIC SCT-950 CASSETTE DECK

Full feature stereo cassette deck with Dolby NR\*. 3 position bias and equalization switches for optimum results from all tape formulae. Dual record/level meters, tape counter, auto-stop and 3 position. Input switch with record mute to cut recording signal without stopping the tape. DIN or phono connection. Response: 20-16,000 Hz (C<sub>60</sub> tape). Wow and flutter: 0.09% (WRMS). 14-9841

£119.95

**£359<sup>85</sup>**

Combined Price

## REALISTIC MC2200 SPEAKERS

A two way system producing high quality sound from a 9 cm tweeter and powerful 20 cm woofer. Full 35-20,000 Hz response and 40 watts RMS handling capacity. Attractive black cabinets. 430 x 270 mm.

40-9164

£89.90

Pair

COMPLETE RACK SYSTEM

**£529**

SAVE £60.65

Items Bought Separately £589.65

\*Dolby is the trademark of Dolby Laboratories Inc.

# Tandy is More Than Just 7700 Stores—It's Also 25,000 Skilled and Dedicated People working in over 40 Countries Around the World

## It's Factory-to-you-Prices...

No middlemen. No duplication of product lines, highly efficient distribution. It all adds up to 'Value Where It Belongs'—in the products themselves.

## It's Expert, Friendly Sales People...

Because our Salespeople deal only in our brands, they really know the products and can answer questions intelligently. You'll get no double talk.



## It's Your Neighbourhood Store...

Now over 200 friendly Tandy stores in the UK and more opening all the time—we're getting closer to you with our manufacturing, electronics expertise and unparalleled service network.

## It's 5,500 Employees in Manufacturing...

We own and operate 21 factories in 5 countries, including 17 in the U.S.A. and others in Canada, Japan, South Korea, and Taiwan. That's over one million square feet of factory space.

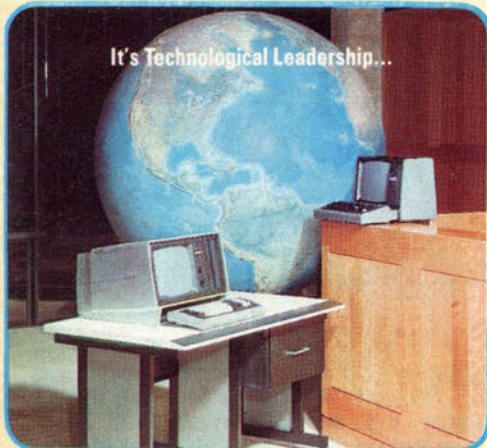
## TANDY STORES ARE WORLDWIDE

UNITED KINGDOM  
AUSTRALIA  
BELGIUM

IRELAND  
GERMANY  
HOLLAND

U.S.A.  
FRANCE  
JAPAN

CANADA  
and 31 other  
Countries



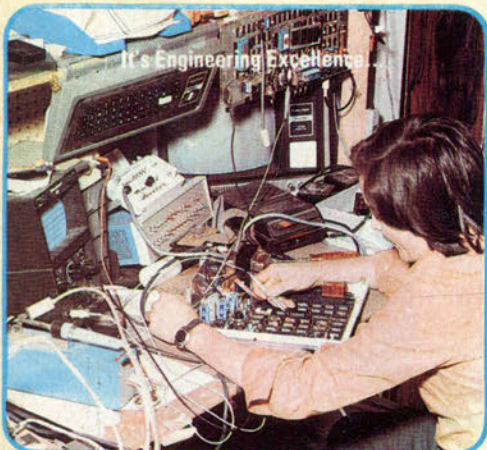
It's Technological Leadership...

Three years ago we introduced our TRS-80 personal computer, becoming the first company to mass-produce computers. Today we're the acknowledged market leader.

## It's our Exclusive Brands

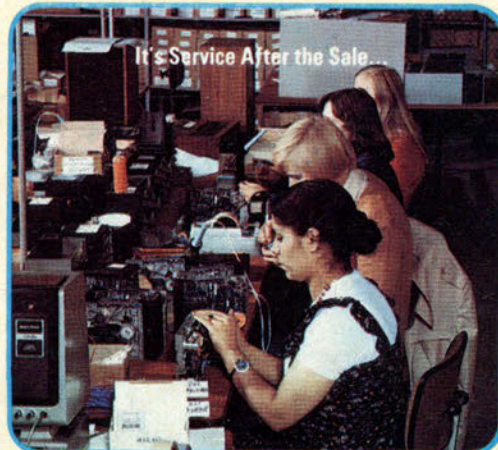
REALISTIC® Radio Shack®  
MICRONITA®  
Plug'n Talk® Science Fair®  
ARCHER®  
CONCERTAPE® ENERCELL®  
ArcherKit™  
OPTIMUS® Clarinette®

Our products are custom made by or for Tandy and no one else. Choose our brands and be assured of outstanding product life.



It's Engineering Excellence

Our brands can boast the latest advances in electronics—keeping quality high and production costs down.



It's Service After the Sale

Our guarantees are meaningful—service and parts available through our stores in 40 countries ensuring same efficient service.

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**TANDY**  
DEALER

Look for this sign in your area. A store in your town may be a Dealer or Franchisee for our exclusive brands.



USE YOUR CREDIT CARD TO BUY NOW  
PAY LATER...Access, Barclaycard and  
Trustcard Welcome.

TANDY CORPORATION BRANCH UK  
BILSTON ROAD WEDNESBURY  
WEST MIDLANDS WS10 7JN  
TEL 021-556-6101

# NEW! ALL-DIGITAL RECEIVER AT OUR LOWEST PRICE YET! COMPUTERIZED! QUARTZ-LOCKED! 16-STATION MEMORY!

NEW FOR  
**81**  
TANDY



## £269<sup>95</sup>

50 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.02% total harmonic distortion.

- Memory "Sensor-Buttons" Store 8 FM, 8 Am Stations
- 6-Level LED AM/FM Signal Strength Indicator
- Dual-Gate MOSFET FM Tuner

**REALISTIC STA-2250.** Computerized tuning convenience and accuracy plus a very versatile control section—at a breakthrough price. Touch a button and scan up or down the bands automatically or manually, stopping perfectly, tuned at each station—with its frequency displayed on big bright LEDs. Store any 16 stations in the memory for instant recall. FM muting blanks out all tuning noise, and a Hi-MPX filter cleans up weak stereo signals. The pre-amp has hi and low filters to remove record scratch and rumble, up-front tape monitoring and dubbing controls, 11-detent bass, mid-range and treble controls, 40-detent concentric volume/balance controls, stereo/mono pushbutton—and more! Fully protected against overheating and overloading.

**31-2095** **£269.95**

Available November 30, 1980

### Specifications

**AMPLIFIER:** Response: 20-20,000 Hz.  $\pm 0$  dB. **Signal-to-Noise:** 85 dB phono, 90 dB aux. **Phono Input Overload:** 170 millivolts. **FM TUNER: Sensitivity (IHF):** 2 microvolts (11.8 dBf). **Capture Ratio:** 1.5 dB. **Stereo Separation:** 48 dB. **Stereo Harmonic Distortion:** 0.3%. **Mono Harmonic Distortion:** 0.2%. **Signal-to-Noise Ratio:** 67 dB at 1 millivolt. **AM Tuner: Image Rejection:** 45 dB. **EXTERNAL CONNECTIONS:** AM and 75/300-ohm FM antenna, A and B speaker pairs, headphone jack, mag phono, aux, phono-type and DIN jacks for Tape-1, 2 in out, AC outlet, phono ground. **SIZE:** 13.01 x 49.21 x 34.93 cm.



**GOOD**  
Special System Price  
**£459**

**SAVE £50.80**

**STA-2250.** All Digital, Quartz Locked Stereo Receiver  
**LAB-270.** Automatic, 2 Speed, Belt Drive Turntable.  
**OPTIMUS-25.** Three Way Acoustic Suspension Speakers.

**Regular Separate Item Price £509.80**



**BETTER**  
Special System Price  
**£530**

**SAVE £69.80**

**STA-2250.** All Digital, Quartz Locked Stereo Receiver  
**LAB-420.** Fully Automatic, Direct Drive, Programmable Repeat Turntable.  
**OPTIMUS X-100.** Three Way Speakers with Powerful Sound.

**Regular Separate Item Price £599.80**



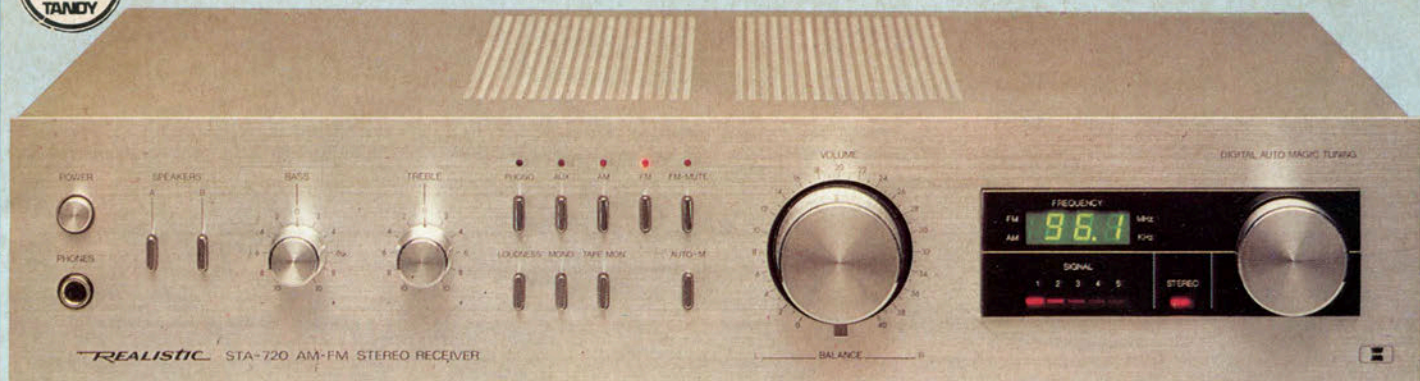
**BEST**  
Special System Price  
**£620**

**SAVE £79.80**

**STA-2250.** All Digital, Quartz Locked Stereo Receiver  
**LAB-850.** Fully Automatic, Direct Drive, Programmable Quartz Lock Turntable  
**OPTIMUS T-200.** Top of the Range Tower Speaker.

**Regular Separate Item Price £699.80**

# LOW-PROFILE RECEIVER WITH DIGITAL FREQUENCY DISPLAY! AUTO-MAGIC TUNING LOCKS FM STATIONS ON-FREQUENCY



- 4-Digit Display Shows Exact FM and AM Frequencies
- 5-Level AM/FM Signal Strength Indicators
- FM Muting for Noise-Free Tuning
- PLL FM

**REALISTIC STA-720.** We've replaced the mechanical tuning dial with LED display and an accurate electronic counter. You can see the exact station frequency from across a room. Exclusive Auto-Magic fine-tunes FM stations for you, and locks them on-frequency for cleanest sound—automatically. Phase-locked loop multiplex (PLL) assures full FM stereo channel separation. The phono pre-amp feature a new IC that lowers distortion while maintaining proper RIAA equalization for superb sound from your LPs. High-level audio stages are direct-coupled for clean and powerful bass. Other luxury "touches" are 10 "thin-line" pushbutton controls, 5 LED mode indicators full tape monitoring circuitry, detented bass and treble controls, and a 40-detent volume control. Amplifier is fully protected against overheating and overloading. Looks great, sounds great! **31-1997** **£179.95**

## £179<sup>95</sup>

25 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.05% total harmonic distortion.

### Specifications

**AMPLIFIER.** Response: 20-20,000 Hz  $\pm$  1 dB at 1 watt. **Inter-modulation Distortion:** 0.03% at 20 watts. **Signal-to-Noise:** 81 dB phono, 92 dB aux. **Phono Input Overload:** 140 millivolts. **FM TUNER.** Sensitivity (IHF): 1.9 microvolts (10.8 dBf). **Capture Ratio:** 1.0 dB **Stereo Separation:** 45 dB at 1 kHz. **Stereo Harmonic Distortion:** 0.3%. **Signal-to-Noise:** 70 dB. **Image Rejection:** 55 dB. **Selectivity:** 55 dB. **AM TUNER.** Sensitivity: 320 microvolts for 20 dB S/NN. **Image Rejection:** 48 dB. **EXTERNAL CONNECTIONS.** AM and 75/300-ohm FM antennas, A and B speaker pairs, headphone jack, mag phono, aux, tape in/out, AC outlet, phono ground. **SIZE:** 7.94 x 41.91 x 31.11 cm.

### GOOD

Special System Price  
**£270**



**SAVE £29.80**

**STA-720.** Digital Display Stereo Receiver.  
**LAB-60.** Semi Automatic, Belt Drive Turntable.  
**MINIMUS-7.** Two-Way Bookshelf Speakers.

Regular Separate  
Item Price  
**£299.80**

### BEST

Special System Price  
**£377**



**SAVE £42.80**

**STA-720.** Digital Display Stereo Receiver.  
**LAB-390.** Precision Direct Drive Turntable with Front Mounted Controls.  
**OPTIMUS-23.** Two-Way Bass Reflex Speakers.

Regular Separate  
Item Price  
**£419.80**

### BETTER

Special System Price  
**£300**



**SAVE £39.80**

**STA-720.** Digital Display Stereo Receiver.  
**LAB-270.** Automatic, 2 Speed, Belt Drive Turntable.  
**MINIMUS-11.** Natural Sounding, 2-Way Bookshelf Speakers.

Regular Separate  
Item Price  
**£339.80**

# TREMENDOUS RESERVE POWER FOR ANY KIND OF MUSIC A VERSATILE CONTROL CENTRE FOR A SUPERB SYSTEM

NEW FOR  
**81**  
TANDY



£329<sup>95</sup>

**REALISTIC**

80 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.03% total harmonic distortion.

- Detented Bass, Treble and Midrange Control with Defeat Button for Instant Comparison to Flat Response
- MOSFET FM Front End for Low noise, Super Sensitivity
- 18 Controls and a Full Array of Inputs and Outputs

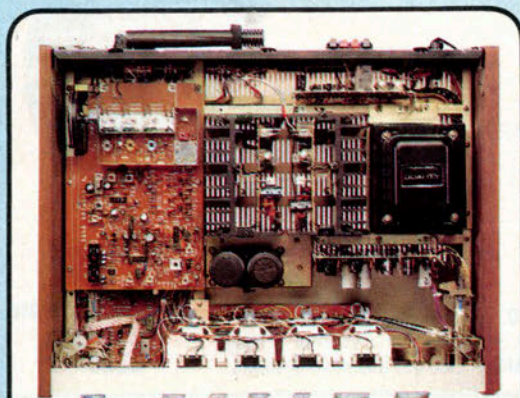
**REALISTIC STA-2080.** If you love music, you'll really appreciate this versatile new receiver. With it, the most demanding parts of your favourite selections remain pure and undistorted at high volume level. You get the "punch" of the original performance thanks to the huge power reserve of its direct output amplifier. The FM tuner is equally outstanding. A massive flywheel control, giant lighted dial and dual meters make it easy to tune for lowest distortion. Pushbutton muting silences noise when you tune and the Hi-MPX filter gives you noise-free reception of weak stations. For superior reproduction of discs, there's a pre-amp with extra wide dynamic range — with a built in subsonic filter that eliminates power-robbing turntable rumble and minimises the effects of warped records. With the "2080" you can listen to — or tape from — two turntables. Complete taping facilities let you record with two decks, copy tapes and lots more, without changing connections. The three boost-and-cut tone controls each have 21 detented positions. A midrange control gives you the "extra" range needed to bring out a hidden vocalist, or adjust the presence of a featured instrument. The pushbutton tone "defeat", along with rear panel main-in pre-amp-out jacks, make this receiver a smart choice if you plan to use an equalizer or other signal-processing equipment. There's also a high-filter button that reduces record scratches, tape hiss and other high frequency noise. For protection, three relays and two circuit breakers guard against overdriving speaker wiring shorts and overheating, even eliminate "thumps" when you select inputs. A solid audio buy. **31-3000** £329.95

## Specifications

**AMPLIFIER** — Frequency response at 5 watts output: 15-25,000 Hz  $\pm$  2 dB. **Signal-to-Noise ratio:** 90 dB phono 98 dB aux and tape **Phono Input Overload for 0.5% THD:** 200 mV FM Tuner. **Sensitivity (1HF):** 1.7 microvolts (9.8 dBf) **Capture Ratio:** 1.5 dB **Signal-to-Noise Ratio:** 70 dB **Stereo Separation at 1 kHz:** 48 dB RF. **Interference Rejection:** Rated Excellent **EXTERNAL CONNECTIONS:** AM and 75 300 ohm FM antennas push-connect terminals and phono jacks for A speakers, push-connect terminals for B speakers, headphone jack, two magnetic phono inputs, aux input. Main-in Pre-amp-out jacks phono and DIN jacks for tape 1 in/out tape 2 in/out, one switched, one unswitched AC outlets phono ground. **SIZE** 17.46 x 51.43 x 43.50 cm.

Available September 30, 1980

Enjoy Life more with Tandy Hi-Fi



High technology engineering, heavily heat-sinked for cool operation.



Versatile array of input/output jacks for easy connection of other components.



AM signal strength and FM centre-channel meters.



6 Dual-range meters show output power levels

# LET TANDY PLAN YOUR HI-FI SYSTEM

## EXCELLENT

A Superb Selection of Hi-Fi Separates

- Designed to Complement each other in Looks and Performance
- Stylish Realistic Audio Component Rack

STA-2080 AM/FM Stereo Receiver.

LAB 8500 Direct Drive Turntable including Dust Cover and Magnetic Cartridge.

TWO MACH ONE Floor Speakers.

**AUDIO COMPONENT RACK**

Regular Separate  
Item Price  
£859.75

Special System Price

**£770**



**SAVE £89.75**

Available September 30, 1980

## BETTER

Special System Price

**£645**



**SAVE £74.80**

STA-2080 AM/FM Stereo Receiver.

LAB-420 Direct Drive Turntable including Hinged Dust Cover and Magnetic Cartridge.

TWO OPTIMUS T-200 Tower Speakers.

Regular Separate  
Item Price  
£719.80

## GOOD

Special System Price

**£530**



**SAVE £59.80**

STA-2080 AM/FM Stereo Receiver.

LAB-390 Direct Drive Turntable including hinged Dust Cover and Magnetic Cartridge.

TWO OPTIMUS T-70 Tuned Labyrinth Floor Speakers

Regular Separate  
Item Price  
£589.90



# THE SLEEK STA-11, A UNIQUE LOW-PROFILE RECEIVER

WITH AMPLE POWER FOR CLEAN SOUND AT HIGH LEVELS



STYLISH 8.26 cm HIGH BRUSHED CHAMPAGNE-SILVER CASE

**£199<sup>95</sup>**

- Auto-Magic Fine-Tunes, Locks-in FM Stations
- LED Tuning Indicator Changes from Red to Green when Station is Properly Tuned

The power and specifications once found only in components twice the size! 30 watts per channel from 20-20,000 Hz with a mere 0.02% total harmonic distortion. Phase-locked loop FM multiplex for wide stereo separation. The STA-11 features an EQ circuit that tailors its response to 'mini' speakers, giving uniform output in all frequencies for outstanding musical reproduction. FM muting cuts out interstation interference while tuning; Hi-MPX filter, detented bass, treble and midrange controls, 40-detent volume control with concentric balance control, full tape monitoring facilities, rear panel EQ switch, 5 level AM/FM LED signal strength indicators, fluid-feel counter-weighted tuning knob and wide illuminated tuning scale, and more. The look, feel and sound of a precision receiver. **31-1999**

30 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.02% total harmonic distortion.

**Specifications:**

**Amplifier Frequency Response:** 30-20,000 Hz  $\pm$  1.5 dB. **Signal-to-Noise Ratio:** 89 dB (phono) 90 dB (aux). **Phono Input Overload:** 170 millivolts. **FM Tuner Sensitivity (HF):** 1.7 microvolts (9.8 dBf). **Capture Ratio:** 1.0 dB. **Selectivity:** 70 dB. **Stereo Separation:** 45 dB 1 kHz. **Total Harmonic Distortion:** 0.3% stereo, 0.1% mono. **Signal-to-Noise Ratio:** 70 dB. **AM Tuner Sensitivity:** 250 microvolts/meter for 20 dB S/N. **Image Rejection:** 40 dB. **External Connections:** AM and 75/300 ohm FM antennas, mag phono aux, tape in/out, A and B speaker pairs, headphone jack, AC convenience outlet, phono ground. **Size:** 8.26 x 44.77 x 36.20 cm.

Available September 30, 1980

## SYSTEM ELEVEN/SEVEN



**SAVE £26.85**  
Reg. Separate Items  
£259.85  
**System Price £233**

STA-11 AM/FM Stereo Receiver  
MINIMUS-7 Silver Cast-Aluminium  
2-way speakers.

## SYSTEM ELEVEN



**SAVE £29.85**  
Reg. Separate Items  
£279.85  
**System Price £250**

STA-11 AM/FM Stereo Receiver  
MINIMUS-11 Silver Cast-Aluminium  
2-way speakers.

## SYSTEM ELEVEN/ SEVEN 'PLUS' System Price £305



**SAVE £34.80** Reg. Separate  
Items £339.80

STA-11 AM/FM Stereo Receiver  
MINIMUS-7 Silver speakers.  
LAB-60 Turntable with base, cover,  
Magnetic Cartridge.

## SYSTEM ELEVEN 'PLUS' System Price £340



**SAVE £39.80** Reg. Separate  
Items £379.80

STA-11 AM/FM Stereo Receiver  
MINIMUS-11 Silver speakers.  
LAB 390 Turntable with Base, Cover,  
Magnetic Cartridge.



# SMALL IS BEAUTIFUL! THE FAMOUS LOW-PROFILE STA-7L



## LW/MW/FM STEREO RECEIVER JET-BLACK METAL CASE IS JUST 9cm HIGH!

- Superb Hi-Fi That Fits the Smallest Spaces
- "EQ" Circuit for Deep Bass from Mini-speakers
- Tape Monitor • Loudness Button

Until now a reduction in size meant a reduction in sound quality. Now there's a Realistic new concept in compact audio—the STA-7L. Stands only slightly higher than a credit card, yet you get advanced circuitry, responsive controls, and big features. It's made possible by our new equalisation circuitry. The circuit uses both voltage and current negative feedback to produce a spectacular 50 Hz bass response — something previously impossible with mini speaker systems. FET-FM/phase locked loop multiplex for superior stereo reception, mag input for using the best phone cartridges, A and B speaker switching, stereo/mono button, detented boost-and-cut bass and treble controls, weighted for tuning ease, and more. A lot in a little! **31-9032**

£119.95

# £119<sup>95</sup>

10 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.4% total harmonic distortion.

### Specifications

**AMPLIFIER:** Audio Output power at 8 ohms: 14 watts/channel RMS (music power: 22 watts/channel) at 1 kHz both channels driven. **Frequency Response:** 20-20,000 Hz. **Signal-to-Noise Ratio:** 60 dB Phono; 65 dB Aux. **Phono Overload:** 100 mV. **Frequency Equalisation Response for System Mode:** 6.5 dB at 100Hz. **THD at 10 w RMS:** 0.03% at 1 KHz. **FM TUNER. Sensitivity (1HF):** 2.2  $\mu$ V typical. **Capture Ratio:** 3 dB. **Stereo Separation:** 34 dB at 1 kHz. **THD:** 0.6% stereo; 0.5% mono. **S/N Ratio:** 60 dB. **MW TUNER. Sensitivity:** 200  $\mu$ V/m for 20 dB S/N. **LW TUNER. Sensitivity:** 500  $\mu$ V/m for 20 dB S/N. **SIZE:** 8.9 x 4.2 x 30 cm. **Power requirements:** 220/240v AC 50 Hz.



### SYSTEM SEVEN

System Price **£160**

STA-7L. LW/MW/FM Stereo Receiver  
MINIMUS-7. Cast-Aluminium  
2-Way Speaker Systems

Items Separately  
£179.85

**SAVE £19.85**



### SYSTEM SEVEN/ELEVEN

System Price **£180**

STA-7L. LW/MW/FM Stereo  
Receiver  
MINIMUS-11. Cast-Aluminium  
2-Way Speaker Systems

Items Separately  
£199.85

**SAVE £19.85**



System Price

**£215**

### SYSTEM SEVEN 'PLUS'

STA-7L. LW/MW/FM Stereo Receiver  
MINIMUS-7. Speakers  
LAB-60. Belt Drive Semi Automatic Turntable

Items Separately **£239.80**

**SAVE £24.80**



System Price

**£233**

### SYSTEM SEVEN/ELEVEN 'PLUS'

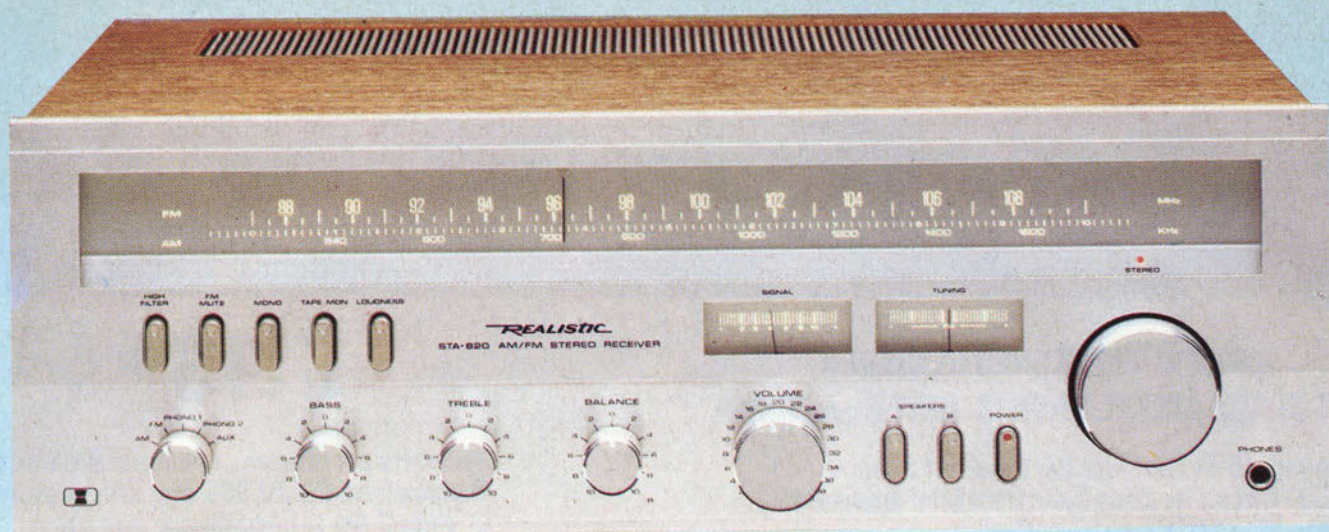
STA-7L. LW/MW/FM Stereo  
Receiver  
MINIMUS-11. Speakers  
LAB-60. Belt Drive Semi Automatic  
Turntable

Items Separately  
£259.80

**SAVE £26.80**

Buy Now—Pay Later. Barclaycard Access and Trustcard Honoured at Most Stores

# THE LOOK, SOUND AND FEATURES OF A LUXURY RECEIVER! TWO MAGNETIC INPUTS FOR USING TWO TURNTABLES



**£219<sup>95</sup>**

- Wide-Dynamic-Range Pre-amplifier
- 40-Position Detented Volume Control
- Dual illuminated Tuning Meters

40 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.06% total harmonic distortion.

**REALISTIC STA-820.** With 80 watts of clean music power, the "820" will drive two pairs of speakers to room-filling volume. In its pre-amplifier are recently developed OP Amp integrated circuits which assure low noise, wide dynamic range and distortion-free listening. Special automatic circuitry eliminates "thumps" as you switch inputs and selectable-FM muting even takes the annoying "hiss" out of tuning FM. Tape monitor button and facilities for recording with two stereo decks. Clean styling with brushed aluminium panel outside—overload protected amp and hi-tech FET tuner inside! **31-2087** **£219.95**



**GOOD**  
Special System Price  
**£375**

**SAVE £44.80**

**STA-820.** FM/AM Stereo Receiver.  
**LAB-270.** Automatic 2 Speed Belt Drive Turntable, inc. Cartridge.  
**OPTIMUS-11.** Two-Way Passive Radiator Speaker.  
Regular Separate Item Price **£419.80**

## Specifications

**AMPLIFIER:** Power Output at 8 ohms, 20-20,000 Hz, both channels driven: 40 watts RMS. **Total Harmonic Distortion—Full power:** 0.1%. **Frequency Response at 1 watt ± 2 dB:** 20-20,000 Hz. **Signal-to-Noise Ratio:** (Phono) 68 dB, (Aux./Tape) 75 dB. **Input Sensitivity** (Phono) 22 mV, (Aux./Tape) 160 mV. **FM TUNER: Sensitivity (IHF) at 90 MHz:** 1.2  $\mu$ V. **Signal-to-Noise Ratio at 90 MHz:** 29  $\mu$ V. **Total Harmonic Distortion:** (Mono) 0.1% (Stereo) 0.5%. **Stereo Separation at 1 kHz:** 48 dB. **Image Rejection at 106 MHz:** 58 dB. **Capture Ratio:** 1.5 dB. **AM TUNER: Antenna Sensitivity:** 200  $\mu$ V/m. **Image Rejection at 1,400 kHz:** 45 dB. **Signal-to-Noise Ratio at 5 mV/m:** 43 dB. **Power requirements:** 220/240 V AC 50 Hz. **SIZE:** 47 x 35 x 16 cm.



**BETTER**  
Special System Price  
**£449**

**SAVE**  
**£50.80**

**STA-820.** FM/AM Stereo Receiver.  
**LAB-390.** Precision Direct Drive Turntable with Front Mounted Controls, inc Cartridge.  
**OPTIMUS-T100.** High performance Tower Speaker.  
Regular Separate Item Price **£499.80**



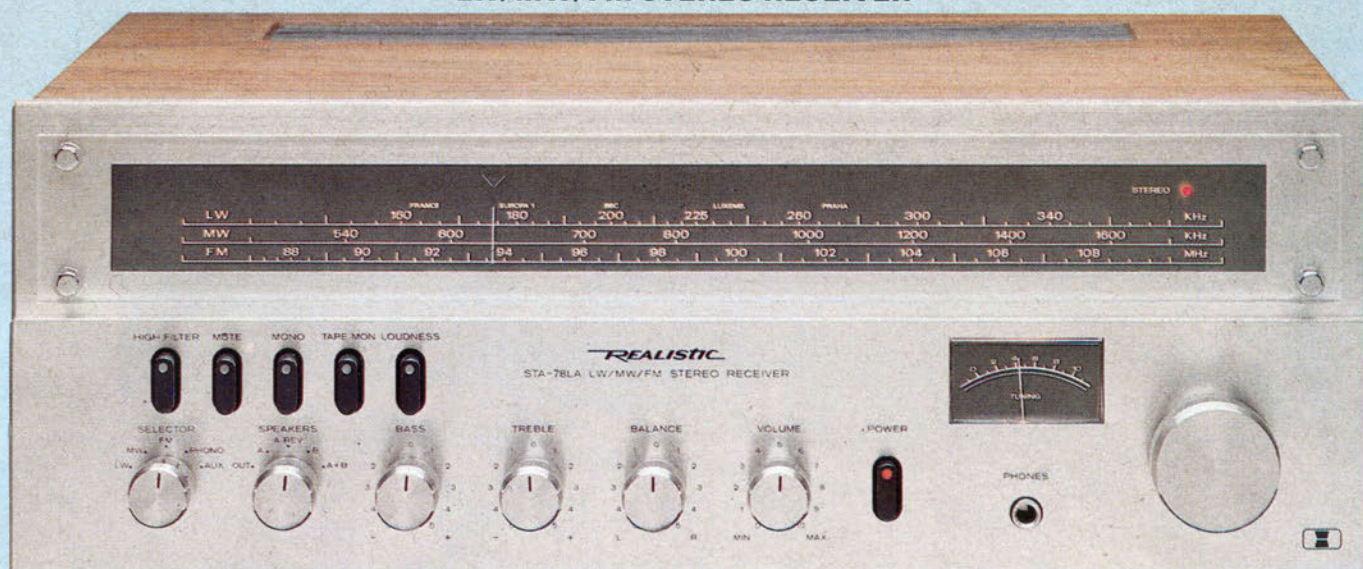
**BEST**  
Special System Price  
**£490**

**SAVE**  
**£59.80**

**STA-820.** FM/AM Stereo Receiver.  
**LAB-420.** Fully Automatic Direct Drive Programmable Repeat, inc Cartridge.  
**OPTIMUS-10.** Two-Way Passive Radiator System.  
Regular Separate Item Price **£549.80**

# IN SOUND AND PRICE IT'S A CLEAR WINNER

## LW/MW/FM STEREO RECEIVER



- Full Tape Monitoring
- FET and PLL Multiplex Circuits for Clear FM Reception

# £169<sup>95</sup>

**REALISTIC STA-78LA.** A winning combination of performance, features and price. The LW/MW/FM tuner has FET and PLL circuitry for rock stable, FM stereo reception. For accurate tuning there's a wide, back lit dial with red LED stereo indicator and illuminated signal strength meter to cut inter-station interference when tuning there's an FM mute facility. The amplifier has OP-AMP integrated circuitry in the phono and tone control pre-amps to ensure a clean sound and wide dynamic range up to its maximum 25 watts per channel output. On the luxury silver finish facia panel are individual controls for volume, treble, bass and balance. Full tape monitoring and dubbing is available controlled from a selection of pushbuttons which also include hi filter; loudness; stereo/mono and A/B speaker selection with stereo channel reversal for special listening applications. Headphone jack.

31-9033

£169.95

**25 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.5% total harmonic distortion.**

### Specifications

#### AMPLIFIER:

**Total Harmonic Distortion—full power:** 0.5%. **Frequency Response at 1 watt  $\pm$  2 dB:** 20-20,000 Hz. **Signal-to-Noise Ratio (Phono)** 65 dB. (Aux./Tape) 75 dB. **Input Sensitivity (Phono)** 2.2 mV. (Aux./Tape) 160  $\mu$ V. **FM TUNER: Sensitivity (IHF) at 96 MHz:** 1.9  $\mu$ V. **Signal-to-Noise Ratio:** 65 dB. **Total Harmonic Distortion:** (Mono) 0.1% (Stereo) 0.5%. **Stereo Separation at 1 kHz:** 48 dB. **Image Rejection:** 58 dB. **Capture Ratio:** 1.5 dB. **AM TUNER Terminal Sensitivity:** 200  $\mu$ V/m. **Image Rejection:** 35 dB. **Signal-to-Noise Ratio:** 45 dB. **Selectivity:** 32 dB. **LW TUNER Radiation Sensitivity:** IF. **Rejection:** 35 dB. **Image Rejection:** 50 dB. **EXTERNAL CONNECTIONS.** 75 and 300 ohm FM aerials; magnetic phono; aux; dubbing and taping jacks. **SIZE:** 15 x 32 x 43 cm.

**GOOD**  
Special System Price  
**£278**



**SAVE £31.80**

**Regular Separate  
Item Price  
£309.80**

STA-78LA. LW/MW/FM Stereo Receiver.  
LAB-60. Semi Automatic; Belt Drive Turntable, inc. cartridge.  
MC-1401. Bass Reflex, 2-Way Speakers.



**BEST**  
Special System Price  
**£386**

**SAVE £43.80**

STA-78LA. LW/MW/FM Stereo Receiver.  
LAB-390. Precision Direct Drive Turntable with Front Mounted Controls, inc. cartridge.  
OPTIMUS T-70. Tuned Labyrinth Speaker System.

**Regular Separate  
Item Price  
£429.80**

**BETTER**  
Special System Price  
**£350**

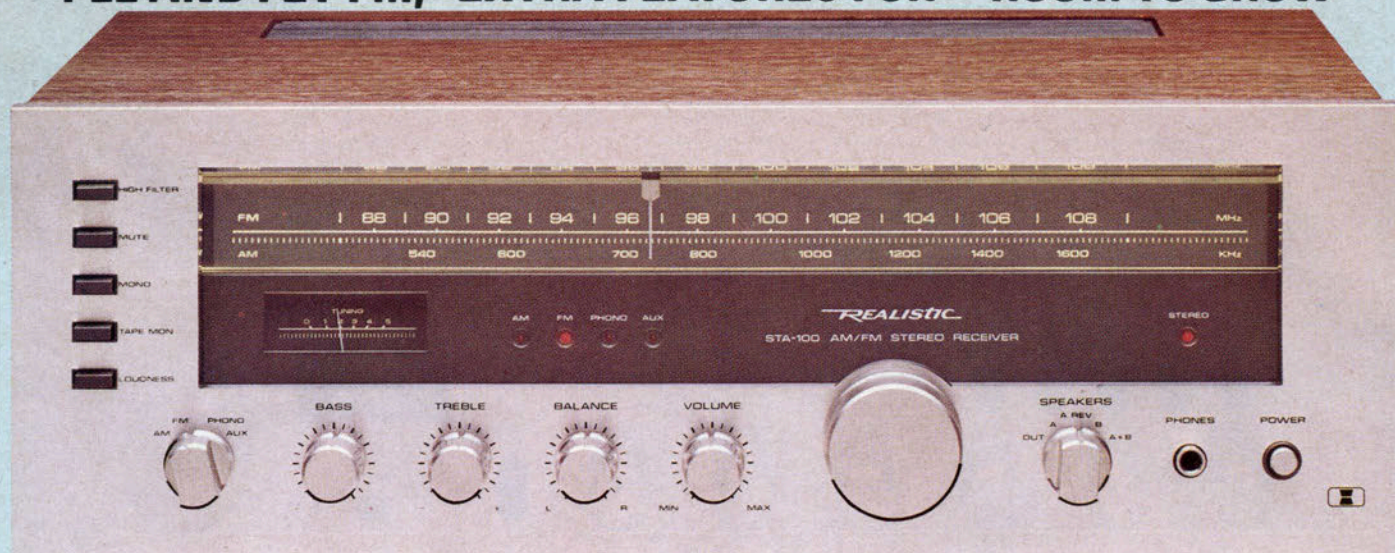


**SAVE £39.80**

**Regular Separate  
Item Price  
£389.80**

STA-78LA. LW/MW/FM Stereo Receiver.  
LAB-270. Automatic; 2-Speed Belt Drive Turntable, inc. cartridge.  
OPTIMUS-23. Two-Way Bass Reflex Speakers.

# THE HEART OF A GREAT SYSTEM AT A LOW REALISTIC PRICE PLL AND FET FM, EXTRA FEATURES FOR "ROOM TO GROW"



## £149<sup>95</sup>

- 5 LED Mode Indicators
- Tape Monitor
- 11-Detent Bass & Treble, Centre-Detent Balance Control for Exact Settings

22 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.1% total harmonic distortion.

**REALISTIC STA-100.** One of our best sellers designed for beautiful sound and operating convenience. The wide dial, balanced flywheel control and lighted signal meter make it easy to tune for best AM and FM sound. FM muting silences tuning noise with the push of a button. You can listen with headphones only, main speakers only, remote speakers only, both pairs—or even reverse main speakers for perfect stereo imagery. There's also a loudness button, jacks for recording with two tape decks, a "hot" FM front end and phase-locked-loop multiplex for wide FM stereo channel separation. **31-2089**

**£149.95**



**GOOD**  
Special System Price  
**£233**

**SAVE £26.80**

STA-100. AM/FM Stereo Receiver.  
LAB-60. Semi Automatic Belt Drive Turntable, inc. cartridge.  
MC-600. Two-Way Bookshelf Speakers.

Regular Separate Item Price  
**£259.80**

### Specifications

**AMPLIFIER:** Power Output at 8 ohms, 20-20,000 Hz, both channels driven: 22 watts RMS. Total Harmonic Distortion—full power 0.15%. Frequency Response at 10 watts ± dB: 20-20,000 Hz. Signal-to-Noise Ratio: (Phono) 55 dB. (Aux./Tape) 65 dB. Input Sensitivity: (Phono) 2.2 mV, (Aux./Tape) 160 mV. **FM TUNER:** Signal-to-Noise Ratio at 98 MHz, 55 dB. Total Harmonic Distortion: (Mono) 0.17%, (Stereo) 0.85%. Stereo Separation at 1 KHz: 33 dB. Image Rejection at 106 MHz: 48 dB. Capture Ratio: 1.7. **AM TUNER:** Terminal Sensitivity: 300  $\mu$ V/m. Image Rejection: 40 dB. Signal-to-Noise Ratio: 37 dB. Selectivity: 22 dB. Power Requirements: 220/240 V AC 50 Hz. Size: 16 x 44 x 29.5 cm



**BETTER**  
Special System Price  
**£279**

**SAVE £30.80**

STA-100. AM/FM Stereo Receiver.  
LAB-270. Automatic 2-Speed Belt Drive Turntable, inc. cartridge.  
MC-1401. Bass Reflex, 2-Way Speakers.

Regular Separate Item Price  
**£309.80**



**BEST**  
Special System Price  
**£305**

**SAVE £34.80**

STA-100. AM/FM Stereo Receiver.  
LAB-390. Precision Direct Drive Turntable with Front Mounted Controls, inc. cartridge.  
MC-2001. High efficiency Speaker, Power handling 60 watts.

Regular Separate Item Price  
**£339.80**

# STEP INTO COMPONENT STEREO AT LOW COST! AND STILL ENJOY CLEAN STYLING TRUE HI-FI SPECS, 12 CONTROLS



- Lighted Tuning Meter
- Tape Monitor
- Main/Remote/Both Speaker Switching
- Brushed Aluminium Front
- PLL FM

## £99<sup>95</sup>

**REALISTIC STA-430.** Impressive looks, quality construction and great sound are yours even in Realistic's lowest priced receiver. Features a wide lighted dial and signal meter for accurate tuning, and pushbutton loudness that boosts bass and treble for best fidelity when you listen at low volume. Inside, a phase-locked loop IC assures wide FM stereo channel separation. The direct-coupled power amplifier delivers deep bass and will drive two pairs of speakers. Centre-detent balance, boost-and-cut bass and treble controls, LED FM stereo indicator. An unbeatable value at this low price. **31-2092** **£99.95**

**10 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.6% total harmonic distortion.**

### Specifications

**AMPLIFIER:** Power Output at 8 ohms, 20-20,000 Hz, both channels driven: 10 watts RMS. Total Harmonic Distortion—full power: 0.9%. Frequency Response at 1 watt  $\pm 2$  dB: 20-20,000 Hz. **Signal-to-Noise Ratio:** (Phono) 55 dB, (Aux./Tape) 60 dB. **Input Sensitivity:** (Phono) 2.2 mV, (Aux./Tape) 160 mV. **FM TUNER:** Signal-to-Noise Ratio at 98 MHz: 60 dB. Total Harmonic Distortion: (Mono) 1.0%, (Stereo) 1.5%. Stereo Separation: 30 dB. **Image Rejection:** 45 dB. **Capture Ratio:** 6 dB. **AM TUNER:** Terminal Sensitivity: 350  $\mu$ V/m. **Image Rejection:** 35 dB. **Signal-to-Noise:** 34 dB. **Selectivity:** 20 dB. **Power requirements:** 220/240 V AC 50 Hz. **Size:** 14.5 x 42 x 30 cm.

### GOOD

Special System Price

## £162



**SAVE £17.80**

**STA-430.** AM/FM Stereo Receiver.  
**LAB-48.** Three speed changer with dust cover, inc. cartridge.  
**Minimus-5.** Two-Way Bookshelf Speakers. **Regular Separate Item Price £179.80**



### BEST

Special System Price

## £233

**SAVE £26.80**

**STA-430.** AM/FM Stereo Receiver.  
**LAB-270.** Automatic 2 Speed, Belt-Drive Turntable, inc. cartridge.  
**MC-1401.** Bass Reflex, 2-Way Speakers. **Regular Separate Item Price £259.80**

### BETTER

Special System Price

## £188



**SAVE £21.80**

**STA-430.** AM/FM Stereo Receiver.  
**LAB-60.** Semi Automatic, Belt Drive Turntable, inc. cartridge.  
**MC-600.** Two-Way, Bookshelf Speakers. **Regular Separate Item Price £209.80**

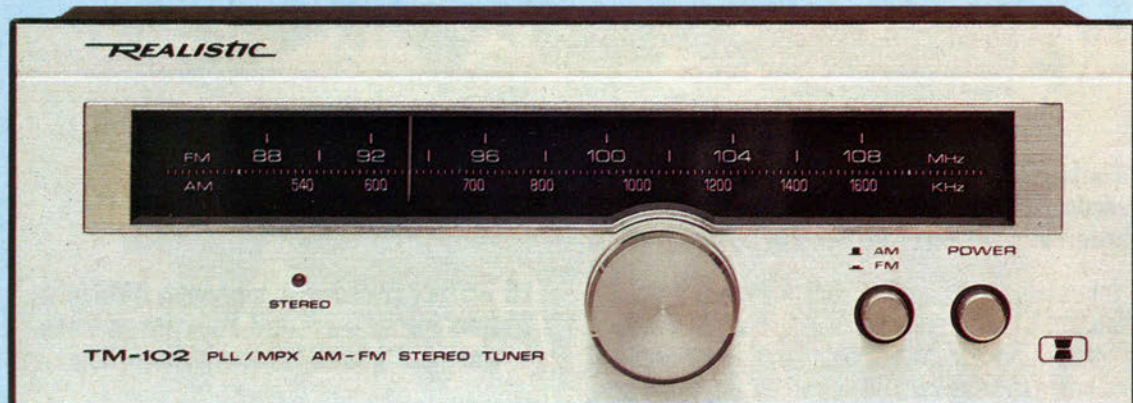
# "SEPARATES" BRING BIG SOUND TO SMALL PLACES, & BUDGETS

If you're starting out with stereo, supplementing an existing system or starting a second, Realistic stereo separates offer superb sound for budget price.



**VERSATILE  
STEREO MINI  
AMPLIFIER  
A.**

**£39<sup>95</sup>**



**AM/FM  
STEREO  
MINI TUNER  
B.**

- FM Stereo Indicator
- Built-in Antennas

**£39<sup>95</sup>**

## A. REALISTIC SA-102 INTEGRATED STEREO AMPLIFIER

Full sound and frequency response and a range of features not normally found on budget amplifiers. Separate tone, balance and volume controls. Switches for speaker in/out, stereo/mono and magnetic or ceramic cartridge. Headphone jack for private listening. With attractive brushed aluminium front panel and walnut veneer case. Size 82 x 235 x 177 mm. **31-1963** **£39.95**

## B. REALISTIC TM-102 AM-FM STEREO TUNER

A perfect match for your SA-102 or SA-10 amplifier at an equally budget conscious price. More stations less noise with 3 ganged FM tuning advanced IC and a ceramic filter to cut signal interference. FM stereo indicator, built-in antennas and external FM aerial connections. Size 82 x 135 x 177 mm. **31-1964** **£39.95**



**OUR BIG MONEY-SAVER**

**£19<sup>95</sup>** • Ceramic Phono Input  
• Tuner/Tape Deck Input

The REALISTIC SA-10 brings quality stereo sound to your living room at an affordable price. Ideal for a stereo starter. Separate left and right channel controls for volume and balance. Full range tone control. Selector switches for stereo/mono and tape/tuner. Finished in stylish matt black. Size 82 x 200 x 139 mm. **31-1982** **£19.95.**



**Special System Price**  
**£72**  
**Regular Separate Item Price** **£79.80** **SAVE £7.80**



**Special System Price**  
**£152**  
**Regular Separate Item Price** **£169.75** **SAVE £17.75**



**Special System Price**  
**£170**  
**Regular Separate Item price** **£189.75** **SAVE £19.75**

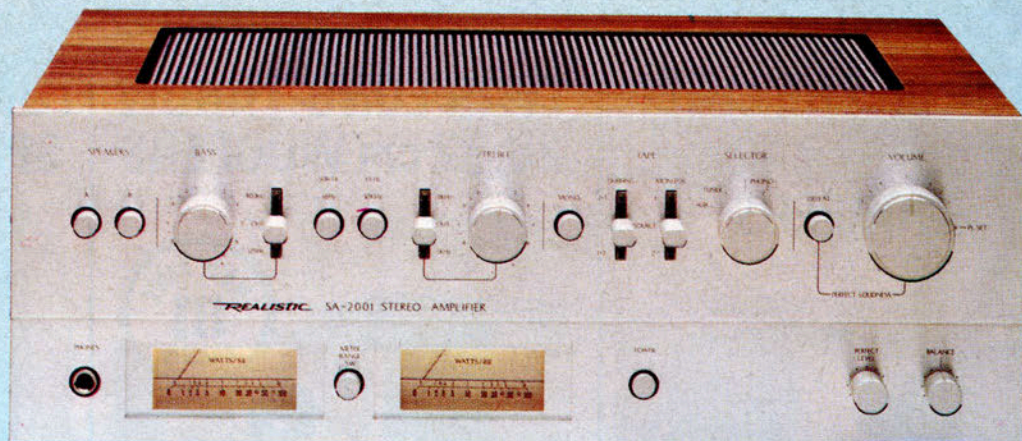
Tandy Audio. Where Else Would You Find Such Value?

# HI-FI COMPONENTS FOR THE AUDIO ENTHUSIAST

High Power,  
Exclusive  
Features -  
The Ultimate  
Amplifier

**£189<sup>95</sup>**

75 watts  
per Channel RMS



**REALISTIC SA-2001.** More power, more exclusive features for maximum system control. Unique Perfect Level is a variable loudness control over the full frequency range. Step-detent bass and treble controls each have 3-way cross-over switches. Switchable Hi and Lo filters. Illuminated power meters have selectable sensitivity. Inputs for 2 phono, tuner and aux plus dubbing and monitoring. Overload protective circuitry and much more from the ultimate amplifier. **31-1962** **£189.95**

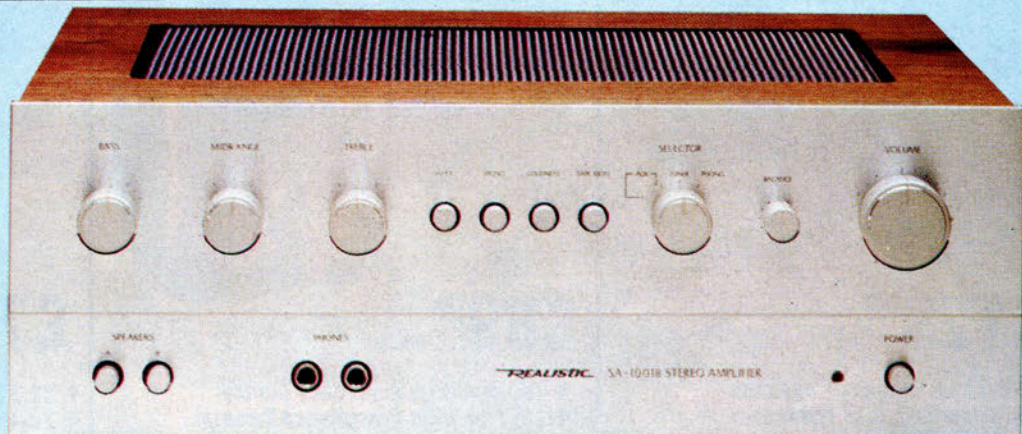
## Specifications

**AMPLIFIER:** Power Output at 8 ohms, 1 KHz, both channels driven 75 watts RMS. **Total Harmonic Distortion 50 watts:** 0.02%. **Frequency Response at 1 watt:** +2 dB: 20-20,000 Hz. **Signal-to-Noise Ratio:** (Phono) 70 dB, (Aux./Tape) 80 dB. **Input Sensitivity:** (Phono) 1.5 and 3.6 mV (Switchable). **Power Requirements:** 220/240v AC 50 Hz. **SIZE:** 146 x 410 x 305 mm.

Superb  
Integrated  
Amplifier at a  
Moderate Price

**£129<sup>95</sup>**

46 watts  
per Channel RMS



**REALISTIC SA-1001B.** Power, flexibility and features at an unbeatable price. High level amplifier stages are directly coupled for distortion free bass response up to 46 watts per channel. Separate tone controls including "midrange" for precise sound mixing. Pushbuttons for A/B speaker switching, low filter, tape monitor, loudness and stereo/mono. Inputs for tuner, magnetic phono and two aux for use with any high-level signal source—tape, tuner or second deck. Twin headphone jacks. Overload protection circuit. **31-9035** **£129.95**

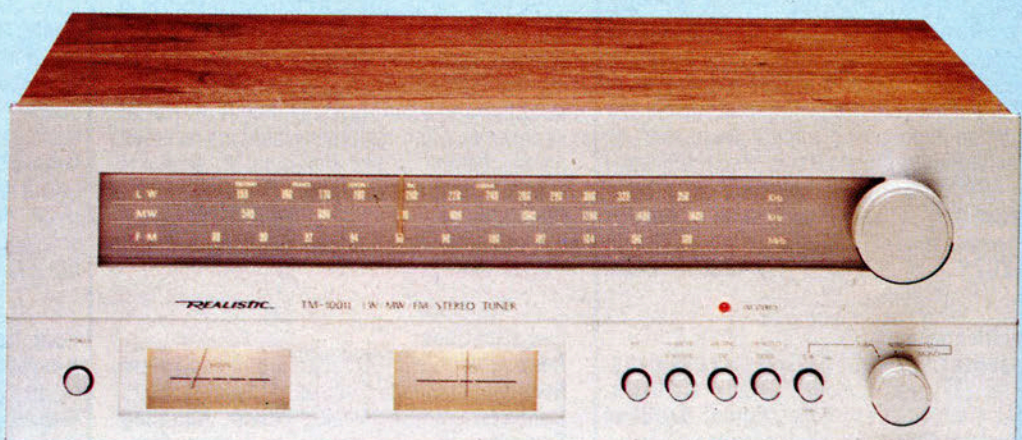
## Specifications

**AMPLIFIER:** Power Output at 8 ohms, 1 KHz, both channels driven 46 watts RMS. **Total Harmonic Distortion 30 watts:** 0.05%. **Frequency Response at 1 watt:** +2 dB: 20-20,000 Hz. **Signal-to-Noise Ratio:** (Phono) 65 dB, (Aux./Tape) 80 dB. **Input Sensitivity:** (Phono) 2.2 mV. **Power Requirements:** 220/240V AC 50 Hz. **SIZE:** 146 x 410 x 305 mm.

LW/MW/FM  
Stereo Tuner

**£139<sup>95</sup>**

Selectable  
Bandwidth for tuning  
weak FM Stations



**REALISTIC TM-1001L.** Complete your system with the tuner that has everything. Selectable FM/IF bandwidth for finding weak FM signals with reduced interference from nearby strong stations. FM muting. Switchable AFC locks in FM signals for drift free reception. High blend filter reduces high frequency noise on weak stereo signals. Illuminated analogue scale, signal strength and centre tuning meters. Rotary selector for AM, FM and FM stereo (Auto) with pushbuttons for LW and MW. Adjustable output level. 75 and 300 ohm antenna terminals. **31-9034** **£139.95**

## Specifications

**FM TUNER Sensitivity (IHF):** 1.7  $\mu$ V. **Stereo Separation at 1 KHz:** 40 dB/35 dB. **Selectivity:** 75 dB (Narrow) 45 dB (Wide). **AM TUNER Terminal Sensitivity:** 250  $\mu$ V/M for 20 dB S/N Ratio. **LW TUNER Radiation Sensitivity:** 400  $\mu$ V for 20 dB S/N Ratio. **Power Requirements:** 220/240V AC 50 Hz. **SIZE:** 146 x 410 x 305 mm.

Play Now — Pay Later. Barclaycard, Access and Trustcard Honoured At Most Stores.

# OPTIMUS HIGH-PERFORMANCE "TOWER" SPEAKERS

## TOP OF THE LINE! TWIN 25.4 cm WOOFERS



**£129<sup>95</sup>** EACH

- 16.51 cm Midrange Speaker
- 5.08 cm Edgeless Tweeter With Horn Assembly

**REALISTIC OPTIMUS T-200.** Our best sounding Tower speaker, the "200" is skillfully crafted to deliver a flat, uncoloured frequency response with high or moderate powered amplifiers. The two active woofers move only half the distance of a single-woofer system, boosting efficiency and lowering distortion and cone break-up. Gradual-slope crossovers improve power handling capacity and ensure smooth transitions in bass-midrange-treble response. Keeping in tune with the latest time-alignment technology; we've staggered the tweeter so there are no sudden phase shifts or discontinuities in the measured phase response. And T-200's look great anywhere in a room because they're finished on 5 sides in genuine oiled walnut veneer.

40-2029 **£129.95 EACH**

### Specifications:

**Response:** 50-20,000 Hz. **System Sensitivity:** 90 dB (SPL at 1 meter/1 watt). **Controls:** Variable midrange and treble. **Power Handling Capacity:** 150 watts. **Impedance:** 8 ohms. **Size:** 86.63 x 31.75 x 31.75 cm

## TWIN LONG-THROW 20.32 cm WOOFERS



**£89<sup>95</sup>** EACH

- Variable High Frequency Control
- 7.62 cm High-Compliance Tweeter

**REALISTIC OPTIMUS T-100.** Clean, clear sound from a beautiful speaker! The two active woofers and a tweeter assure balanced response from 55-18,000 Hz. The T-100 is so efficient you'll get the maximum out of any hi-fi amplifier for room-filling volume with minimum wattage. An L-Pad control lets you match the treble response to the acoustics of your listening room and to your personal taste. And like the T-200, the "Tower" has real style—it's finished in oiled walnut veneer on all sides so it looks just great even if not placed against a wall. The input connections are recessed on the bottom of the enclosure so even the speaker cables remain hidden.

40-2025 **£89.95 EACH**

### Specifications:

**Response:** 55-18,000 Hz,  $\pm 3$  dB. **System Sensitivity:** 90 dB (SPL at 1 meter/1 watt). **Controls:** Variable treble. **Power Handling Capacity:** 75 watts. **Impedance:** 8 ohms. **Size:** 90.17 x 33.02 x 31.12 cm.

## TUNED-LABYRINTH SPEAKER SYSTEM

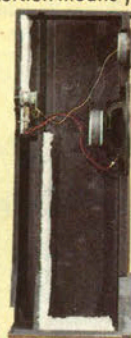


**£79<sup>95</sup>** EACH

- 20.32 cm Long Excursion Woofer
- 2.54 cm Wide-Dispersion Dome Tweeter

**REALISTIC OPTIMUS T-70.** Audio breakthrough! A high-performance 1" soft dome tweeter delivers smooth response up to 20,000 Hz. Its wide dispersion and very low distortion means you hear detailed reproduction of the highest piano notes or the crash of cymbals with dramatic clarity. A long-throw 8" woofer and tuned-labyrinth enclosure reinforce the lower bass and permit excellent transient response. All this, plus hand-finished cabinetry of mitre-folded walnut veneer machined from a single panel for continuity of grain and colour.

40-2023 **£79.95 EACH**



Acoustically-Tuned Labyrinth Enclosure Reinforces Bass

### Specifications:

**Response:** 55-20,000 Hz. **System Sensitivity:** 90 dB (SPL at 1 meter/1 watt). **Power Handling Capacity:** 75 watts. **Impedance:** 8 ohms. **Size:** 74.93 x 26.04 x 27.47 cm.

Available November 30, 1980

## FIVE YEAR GUARANTEE

Tandy guarantees to the original owner the proper-electro-mechanical function of all Optimus, MC and Minimus speaker systems in their unopened enclosures, provided the system has not been abused (our determination is final) and that the owner provides transportation to and from the repair site. Your speaker must function properly or Tandy will repair it FREE OF PARTS AND LABOUR CHARGES! This guarantee is honoured at all Tandy stores across the country. Just present your proof of purchase to get five years of free service.



# EXPERIENCE THE EXCITEMENT OF SPEAKERS BY REALISTIC

## REALISTIC MACH ONE FAMOUS FOR BASS YOU CAN FEEL

**£139<sup>95</sup> each**

- Massive 38.1 cm Woofer with 35 oz. Magnet
- Treble and Midrange L-pads

**REALISTIC MACH ONE.** If it's tight 'wall-shaking' bass you like, this speaker is the one for you! Its powerful 15" woofer, a sectoral midrange horn and heavy-duty horn tweeter work in concert to deliver all the punch that today's music packs. Because the Mach One's frequency response covers the entire audio range you won't miss a note of your favourite performers. Separate midrange and tweeter controls let you adjust speaker performance to better match the acoustics of your listening room. All this adds up to a 'heavyweight' speaker enclosed in a handsome oiled walnut veneer cabinet. **40-4024**

**£139.95 each**

Sectoral midrange horn, designed to provide a true spatial image. Smooth 800-8000 Hz response for a 'live' presence.

Heavy-duty 'Bullet' tweeter horn delivers crisp and clean highs from 8000-25,000 Hz.

Treble and midrange L-pads for precise adjustment of response to suit room acoustics.

Acoustic suspension woofer pumps out huge volumes of air - you can feel the bass down to 20 Hz. Four-layer voice coil is wound on a brass form for extra heavy power handling.

Removable Front Grille



## £99<sup>95</sup> each THE X-100-POWERFUL SOUND 3 WAY SPEAKER SYSTEM

- Powerful 30 cm Woofer
- Over-all Frequency Response: 20-25,000 Hz

**REALISTIC OPTIMUS X-100.** If you like the sound and feel of wall-shaking bass, you'll love this speaker. It has the response and power capacity (over 100 watts peak programme) to give the low frequencies your entire 'body' hears... close your eyes and feel the music. The superior transient response of the X-100 preserves the punch of modern music material - it's the speaker that makes hard rock easy! All this quality of sound for about half of what you'd expect to pay! L-C crossover for a smooth 20-25,000 Hz response. Genuine walnut veneer. Removable grill. 8 ohms. **Size:** 585 x 380 x 250 mm. **40-9157**

**£99.95 each**



Removable Front Grille



## 2-WAY PASSIVE RADIATOR

**£99<sup>95</sup> each**

- 25.4 cm Passive Radiator
- 20.32 cm Active Woofer
- 8.26 cm Dome Tweeter

**REALISTIC OPTIMUS-10.** Active woofer and drone are acoustically-coupled to give rich bass usually heard only from larger speakers. Contour controls. Phono/screw terminals. Walnut veneer enclosure.

**40-2028** **£99.95 each**  
**Specifications**  
Response: 42-20,000 Hz ± 3 dB.  
Power handling capacity: 75 watts.  
Impedance: 8 ohms. **Size:** 63.5 x 39.05 x 26.99 cm.



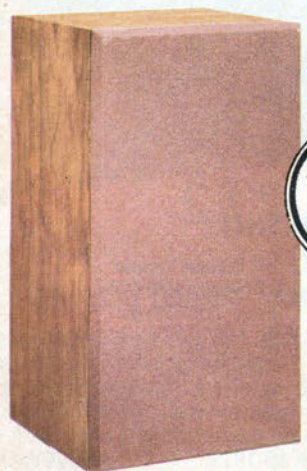
## 3-WAY ACOUSTIC SUSPENSION SYSTEM

**£79<sup>95</sup> each**

- 25.4 cm Woofer
- 10.16 cm Midrange
- 6.35 cm Tweeter

**REALISTIC OPTIMUS-25.** Powerful 25.40 cm high compliance woofer delivers deep bass without cone breakup. Acoustically isolated extended-midrange speaker makes vocalists come alive. Low-mass aluminium tweeter. Genuine walnut veneer finish.

**40-2027** **£79.95 each**  
**Specifications**  
Response: 45-20,000 Hz. **Power Handling Capacity:** 75 watts. **Impedance:** 8 ohms. **Size:** 63.5 x 35.56 x 29.21 cm.



## 2-WAY BASS REFLEX SPEAKER SYSTEM

**£69<sup>95</sup> each**

- 25.4 cm Woofer - 63.35 cm Tweeter
- Bass Reflex Design Tunes to 45 Hz for Extended Low-End Response and High Efficiency

**REALISTIC OPTIMUS-23.** Ported enclosure and a 10 oz magnet woofer create well-defined bass. Smooth transition crossover and 6.35 cm tweeter with high-tempered voice coil for clear, crisp highs. High efficiency design means you can use lower-powered amplifiers. Phono-type and screw terminals.

**40-2032** **£69.95 each**  
**Specifications**  
Response: 55-20,000 Hz. **Power Handling Capacity:** 75 watts. **Impedance:** 8 ohms. **Size:** 56.52 x 31.12 x 29.85 cm.

## 2-WAY PASSIVE RADIATOR SYSTEM SEALED ENCLOSURE FOR EXTENDED BASS RESPONSE

**£59<sup>95</sup> each**

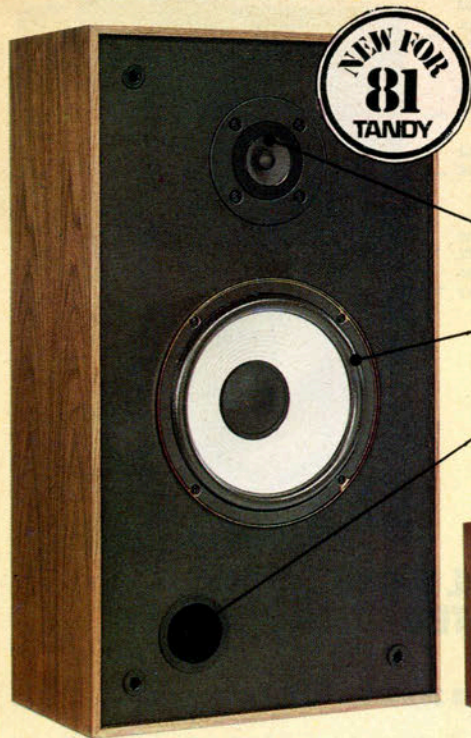
- 20.32 cm High-Compliance Woofer
- 20.32 cm Passive Radiator
- 6.35 cm Extended-Range Tweeter

**REALISTIC OPTIMUS 11.** Exciting depth and clarity of bass plus a specially-designed tweeter that produces highest output with lowest distortion of any currently available 6.35 cm tweeter! A special crossover network reduces distortion between frequency ranges. Screw terminals. **40-9173**

**£59.95 each**  
**Specifications**  
Response: 80-18,000 Hz. **Power Handling Capacity:** 50 watts. **Impedance:** 8 ohms. **Size:** 55.88 x 31.12 x 26.04 cm.



# REALISTIC MC-SERIES FLOOR/SHELF SPEAKERS



## HIGH-EFFICIENCY SPEAKER

**£44<sup>95</sup>** each

Strong, Clear highs from 6.35 cm wide Dispersion Tweeter.

20.32 cm Woofer is sealed into cabinet for deep bass without booming.

Strong, Clear highs from 6.35 cm wide Dispersion Tweeter.

Both Speakers Feature removable grilles



- Efficient 20.32 Woofer
- Look and sound good anywhere
- Removable front grille

**REALISTIC MC-2001.** Smooth sound from deep, non booming bass to clear dramatic highs. Response: 60-17,000 Hz. Power handling capacity: 60 watts Phono-type jacks and screw terminals. Walnut veneer enclosure, removable grille. 8 ohms. 33.02 x 57.15 x 20.95 cm. **40-1987** **£44.95 each**

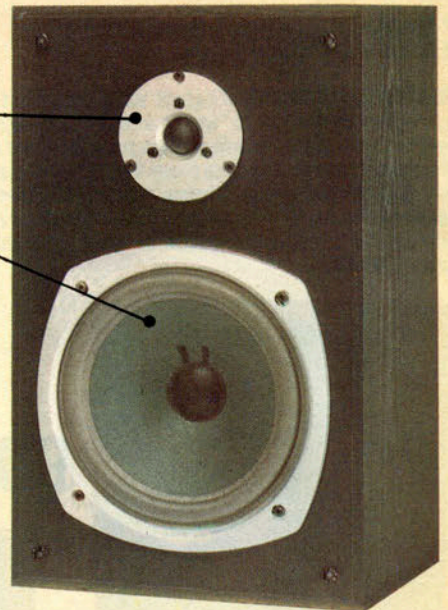
Available September 30, 1980

## HIGH EFFICIENCY SPEAKER SYSTEM

**£44<sup>95</sup>** each

Special 9 cm dome tweeter for sensational top end performance.

Powerful 20 cm woofer for strong, deep bass without booming.



- Two-Way System
- Full 35-20,000 Hz Response
- Power enough for all kinds of music

**REALISTIC MC 2200.** A two-way system—that brings superb sound and styling to any audio system. Powerful 20 cm woofer delivers deep bass without “booming” and special 9 cm dome tweeter reproduces clear, dramatic highs. 35-20,000 Hz frequency response. 70 watts peak (40 watts RMS) handling capacity. Distinctive black cabinet with matching grille. 430 x 270 x 205mm **40-9164** **£44.95 each**



Features removable grille



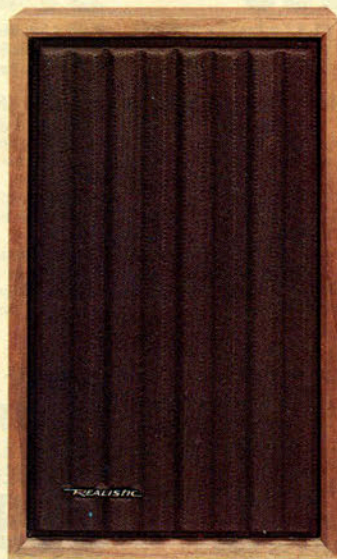
Available October 31, 1980

## BASS REFLEX SPEAKER

**£39<sup>95</sup>** each

- 20.32 cm Woofer 10.80 cm Tweeter
- Ported Enclosure

**REALISTIC MC-1401.** Delivers powerful bass even with receivers rated as low as 5 watts RMS. Tuned passive port enclosure for great sound across the 80-20,000 Hz range. Power handling capacity: 55 watts. Genuine walnut veneer. Phono-type jacks and screw terminals 8 ohms. 45.72 x 29.21 x 19.05 cm. **40-1988** **£39.95 each**



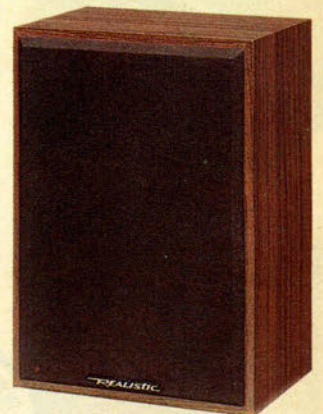
## 2 WAY SPEAKER SYSTEM

**£29<sup>95</sup>** each

- Extended Range Tweeter

**REALISTIC MC-1200.** Accurate wide-range sound 20.32cm woofer (25 sq. in. radiating area) for deep bass and 6.35 cm tweeter for crisp highs. Response 85-17,000 Hz. Power handling capacity: 50 watts. Genuine walnut veneer finish removable decorator grille. Phono type jacks and screw terminals 8 ohms. 45.09 x 26.99 x 19.05 cm. **40-1984** **£29.95 each**

## MC SERIES-THE IDEAL EXTENSION SPEAKER FOR YOUR SYSTEM



## 2-WAY BOOKSHELF

**£24<sup>95</sup>** each

- Walnut Veneer
- Removable Grille

**REALISTIC MC-600.** Wide range sound with extended bass response. Efficient design features 15.24 cm woofer and 6.35 cm tweeter. Frequency Response: 100-18,000 Hz. Power handling capacity: 40 watts. Phono type jacks and screw terminals. 8 ohms. 34.29 x 22.54 x 13.34 cm. **40-1979** **£24.95 each**

# COMPACT REALISTIC MINIMUS® BOOKSHELF SPEAKERS

NEW FOR  
**81**  
TANDY



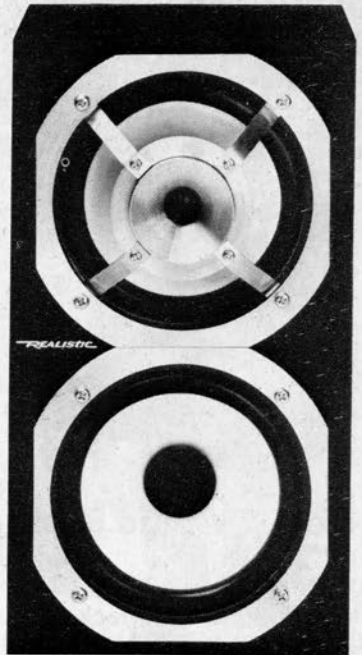
## REALISTIC MINIMUS-7

- Less than 20.32 cm High
- Full Range Response up to 20,000 Hz
- Handles up to 40 Watts

**£29<sup>95</sup>** EACH

**REALISTIC MINIMUS-7.** The size of an average paperback book, but big enough for full range response upto 20,000 Hz from a long excursion 10.16 cm woofer and wide dispersion 2.54 cm soft-dome tweeter. Smooth transition L-C crossover network. Power handling capacity of up to 40 watts. Die cast aluminium enclosure. 8 ohms. **Black 40-2030 Silver 40-2034** **£29.95 EACH**

## DELUXE 2 WAY BOOKSHELF SPEAKER SYSTEM



**£39<sup>95</sup>** EACH

- 60-20,000 Hz Frequency Response
  - Two 105 mm Woofers
- REALISTIC MINIMUS-21.**

Astonishing performance from a super small bookshelf speaker system. Two 105 mm woofers deliver deep, rich bass and independently mounted aluminium cone tweeter reproduces crisp, clear treble frequencies. Removable acoustically transparent grille. 8 ohms. **40-9167** **£39.95 EACH**

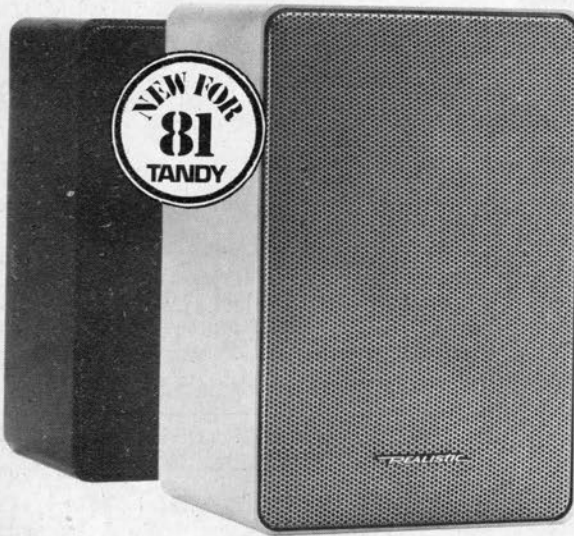


ADJUSTABLE MOUNTING BRACKET

**£8<sup>95</sup>** PAIR

You can quickly and simply mount your Minimus-7 speakers on walls, ceilings or install them in your car. Fully adjustable. **40-2031** **£8.95 PAIR**

NEW FOR  
**81**  
TANDY



## REALISTIC MINIMUS-11

- Acoustically Aligned Speaker Units
- 50 Watts Power Handling

**£39<sup>95</sup>** EACH

New big brother to Minimus-7. The identical acclaimed design concept but with a bigger 12.70 cm woofer and 6.35 cm horn-loaded tweeter, acoustically aligned for proper time relationship and distortion free listening. The result is an open, natural midrange sound that adds 'life' to vocals. Up to 50 watts capacity. Die cast aluminium enclosure with removable grille. 8 ohms. **Silver: 40-2035 Black: 40-2036** **£39.95**

## VERSATILE BOOKSHELF SPEAKERS TO SUIT ANY INSTALLATION



A **£9<sup>95</sup>**

B **£14<sup>95</sup>**

C **£19<sup>95</sup>**

D **£9<sup>25</sup>**

E **£9<sup>95</sup>**

F **£14<sup>95</sup>**

### A. REALISTIC MINIMUS-3

A lot of sound for little money. Ideal for extensions, replacements or 'mini' systems. A 127mm full-range speaker housed in an elegant, walnut-grained, vinyl veneer enclosure. 254 x 216 x 140 mm. 8 ohms.

**40-913** **£9.95 EACH**

### B. REALISTIC MINIMUS-4

Takes up no more space than a few books, yet the 127 mm woofer with whizzer cone delivers a satisfying 125-17,000 Hz response. Oiled walnut veneer with handsome sculptured grille. 310 x 200 x 145 mm. 8 ohms.

**40-224** **£14.95 EACH**

### C. REALISTIC MINIMUS-5

Enjoy 100-20,000 Hz sound from a shelf speaker small enough to fit almost anywhere. Air-sealed woofer for powerful bass response and extended range 38 mm tweeter with wide-dispersion, multi-cellular horn. Delivers great spatial sound in stereo systems. 20 watts. 8 ohms. 310 x 230 x 160 mm.

**40-255** **£19.95 EACH**

### D. REALISTIC WALL BAFFLE

An extra flat, slant-back baffle with wide frequency response. 20 cm speaker, separate volume control. Ideal extension for your stereo system. Oiled walnut veneer enclosure.

**40-219** **£9.25 EACH**

### E. REALISTIC MINIMUS-0.5

A tiny 120 x 188 x 114 mm speaker pours out room-sized sound. Efficient enough to be powered by portable radio, TV or recorder to give them full amplitude. High-compliance acoustic suspension speaker handles up to 10 watts music power. Oiled walnut veneer enclosure. 8 ohms.

**40-1995** **£9.95 EACH**

### F. REALISTIC MINIMUS-8

Hear that sound—it's music to your ear! 120-20,000 Hz response from an enclosure only 250 x 120 x 140 mm. Such quality is possible because the 102 mm acoustic suspension speaker uses a magnet with over 10,000 Gauss for rich, natural sound. Oiled walnut veneer cabinet. 10 watts. 8 ohms.

**40-216** **£14.95 EACH**

# "SHOW OFF" YOUR STEREO WITH AN AUDIO RACK



NEW FOR  
**81**  
TANDY

## Deluxe Hi-Fi Rack £89<sup>95</sup>

- 2 Full Length Locking Glass Doors
  - 3 Adjustable Shelves
- (Not including components)

Elegant, deluxe rack protects and stores stereo equipment, records and accessories. Bottom shelf for LP's. Walnut grained vinyl veneer. 111.8 x 58.4 x 45.7 cm. Easy to assemble. 42-3023 £89.95  
Available October 31, 1980



## Elegant Audio Storage Rack £49<sup>95</sup>

- 3 Way Adjustable Shelves
  - No-Mar Heavy-Duty Casters
- (Not including components)

Stack your components in this handsome vertical rack. Use top for changer, middle shelf for receiver, 3rd for tape deck, bottom for LP's and tapes. Walnut grained vinyl veneer. 87.6 x 58.4 x 43.1 cm. Easy to assemble. 42-3021 £49.95

## Deluxe Audio Rack £39<sup>95</sup>

- Distinguished Black Woodgrain Finish
- Easy Assembly

(Not including components)

Makes the most of available space. Ample storage for all your audio equipment, records, tapes, accessories, etc. and makes them conveniently available. Easy to assemble. Elegant black wood grain finish adds a touch of class to any room. Size: 88 x 36 x 44 cm. 42-9305 £39.95



## Low Line Storage Cabinet £49<sup>95</sup>

- Fully Adjustable Shelves
- Heavy Duty Casters

Compact and stylish low line cabinet features two fully adjustable shelves for changing record storage requirements. Cassette draw has 28 piece capacity. Non-marking heavy duty casters. 42-9312 £49.95

(Not including components)



NEW FOR  
**81**  
TANDY

## Clear Acrylic Speaker Stand £18<sup>95</sup>

Get more from your speakers by directing the music towards your ears — cleaner bass response, better high frequency dispersion. 40-1252 £18.95 pair



## Stereo Remote Speaker Switch £6<sup>95</sup>

Operates with amplifiers having 4 or 8 ohm output impedance and upto 15 watts RMS per channel, 3 speaker pairs. Use 8 ohm speakers only. 40-125 £6.95

## Adjustable Speaker Stand £24<sup>95</sup>

- Adjustable From 26.67 cm to 41.91 cm
- Finished in matt black, has neoprene covered supports to prevent speaker movement, castors for ease of movement. 40-9181 £24.95



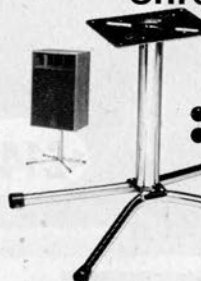
NEW FOR  
**81**  
TANDY

## Adjustable Music Centre Stand £18<sup>95</sup>

Finished in matt black, has neoprene covered supports to prevent movement, castors for ease of movement. 40-9180 £18.95

## Chrome Speaker Stands £17<sup>95</sup>

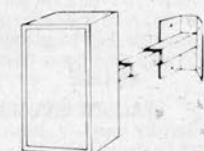
- Holds up to a 23 kg
  - Raises Speakers 30 cm off the Floor!
- Improves sound quality by reducing "boominess". Constructed of durable chrome plated steel. Everything included for easy assembly. 40-1251 £17.95



## Adjustable Wall Brackets £24<sup>95</sup>

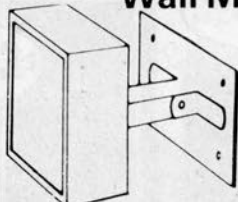
Secure wall mounting brackets for speakers 150-250 mm deep. Fully adjustable pivot and tilt. Clamp retains speakers in position. For speakers up to 16 Kg. 40-9171 £24.95

## Telescopic Corner Mounts £13<sup>95</sup>



Angular Mounts. Suitable for mounting enclosures up to 35 cm<sup>3</sup> maximum in angle of wall. With Telescopic rod. 40-9128 £13.95

## Omni-directional Wall Mounts £8<sup>95</sup>



Flat Mounts. Used for fixing to the wall enclosures of up to 20 cm<sup>3</sup> maximum volume. Can be turned to any angle. 40-9127 £8.95

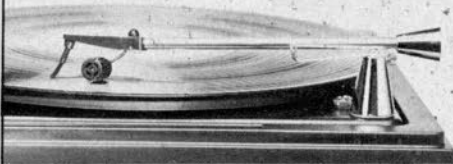
## Speaker Brackets £2<sup>59</sup>



The simplest way to mount both speakers against the wall. Minimises vibrations and ensures better sound reproduction. Complete with screws. For speakers up to 23 kg. 40-150 £2.59

# TANDY ACCESSORIES FOR SOUND QUALITY

## Automatic Groov-Kleen

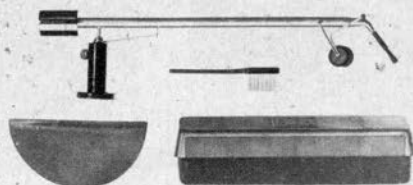


Fits easily with self-adhesive base. Aluminium arm has its own armrest. Adjustable counterweight. Reduce record and stylus wear and improve reproduction. Complete with brush and velvet roller.

42-9209

**£3.95**

## Record Cleaning Kit

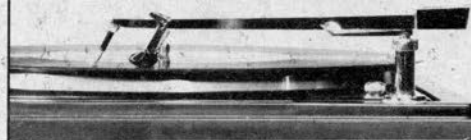


Total record care. Includes automatic cleaner with roller cleaning brush, handler to protect records from fingerprints and dirt and a dust-off that takes the dust off safely and effectively.

42-9210

**£4.99**

## Low Priced Groov Kleen



Modern automatic record cleaner. Fitted with an arm rest and counterweight to ensure light-weight tracking. All chrome finish.

42-9204

£2.29

Replacement velvet carrier, brush and self-adhesive base.

42-9205

38p.

**£2.29**

## Hydro-Stor Record Care System With Liquid



Vapour penetrates velvet-surfaced cleaner, creating a field of humidity that reduces static charges. Cleans easily no residue build-up.

42-102

**£5.99**

£5.99

## Stylus "Micro" Scope

**99p**

● Shows When Its Time for Replacement.

Protect your investment. Pocket-sized, lets you examine your stylus for uneven wear that ruins records.

42-2756

99p

## Carbon Fibre Brush



Clean your records with a sweep of over 1,000,000 static-cutting carbon fibres. Clear plastic cover for protection when not in use.

42-110

£4.95

## Turntable Mat



Disc-O-Mat cuts audible "crackle and pop" reduces dust attraction on records.

42-362

**£2.95**

£2.95



## Stylus Brush

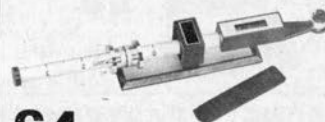
**£4.95**

Extend the life of your valuable stylus and records by removing dust and damaging grit. Kit contains stylus brush, cleaning pad with built-in magnifying inspection mirror and cleaning fluid.

42-9310

£4.95

## Deluxe Stylus Balance



**£4.49**

Balance your phono arm precisely to give correct playing weight. Ensures long life to your records and stylus.

42-9208

£4.49

## Autochanger Groov-Kleen



Cleans records as you play them. Fits most units with flat top cartridge housing. Complete with velvet and stylus cleaning brush. Chrome finish.

42-9201

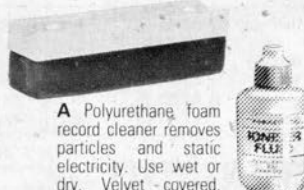
£1.69

Replacement velvet carrier, brush and self-adhesive base.

42-9205

38p

## Record Cleaning Kit



A Polyurethane foam record cleaner removes particles and static electricity. Use wet or dry. Velvet-covered. Plastic cover and holder.

42-130\*

£1.39

B Ideal complement to cleaner. Enables antistatic agent to be reactivated.

42-9207

59p

## Record Stand



**£3.29**

Allows you to store up to 40 LP's. Free standing or hang it on the wall. Smoke tinted plastic.

42-9197

## Record Clamp Stabilizer



**£2.29**

Helps flatten warped records. Eliminates vibration. Deluxe Strobe Disc checks turntable speed.

42-111

£2.29

## Anti-Static Cleaning Cloth



Special chemical properties in the cloth discharge static electricity to preserve and protect your records.

42-9191

69p

## Universal Tone Arm Head Shell



Fits most Japanese and European tone arms. Finger lift, colour coded cartridge terminal wing. Perforated for reduced weight.

42-2752

£3.49

## Cleaner Spray



**£1.29**

Fine spray penetrates deep into record grooves to remove harmful dust and dirt. Reduces record and needle wear.

42-2500

£1.29

## Record Leveller



**£1.99**

For correct tracking of stylus. Reduces stylus and record wear.

42-9199

£1.99

## Stylus Cleaner Kit



**£1.29**

Special cleaning brush and fluid to keep your stylus in perfect condition.

42-9194

## Deluxe Record Sleeves



**£1.99**

Ten vinyl lined paper sleeves to protect your records from dust, dirt and fingertips. Fit standard 12" LP's.

42-132

£1.99

## Turntable Cushions



Foam cushion grips records to prevent slipping. Reduces rumble.

42-360 25.4cm (10")

79p

42-361 30.5cm (12")

99p

## Turntable Speed Strobe Disc



Check to speed of any turntable. Makes precise speed adjustments. Use with fluorescent light.

42-268

49p

## 45rpm Spindle Adaptor



**39p**

For playing Continental 45rpm discs on standard gramophone spindles. Moulded plastic adaptor slips over normal spindle.

42-120

39p

## Clip-on Disc Brush/Arm Lift



A. Clean your records as you play them. Fits easily onto tone arm.

42-1073

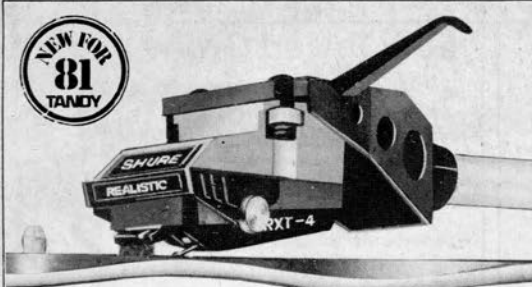
39p

B. Cleans as record plays, also provides fingertip arm lift.

42-1072

69p

# UPGRADE WITH REALISTIC/SHURE <sup>Diamond</sup> <sub>Magnetic</sub> STEREO CARTRIDGES



## ADVANCE INTO THE FUTURE WITH THE REALISTIC/SHURE RXT4

Our best in every way! Its dynamic stabilizer with viscous damping assures outstanding performance, even on warped records, with any turntable capable of tracking at 1½ grams or less. Telescoped stylus for unmatched trackability at an ultra-light ¾-1½ grams—even on the new super-discs. Lowest distortion elliptical stylus (5 x 18 microns). Super-flat frequency response: 20-20,000 Hz. Wide stereo separation: at least 25 dB at 1 kHz. Carbon fibers neutralize static charges. Side guard automatically deflects stylus to prevent damage. With easy-mount installation kit, screwdriver and stylus cleaning brush.

42-2773 **£24.95**



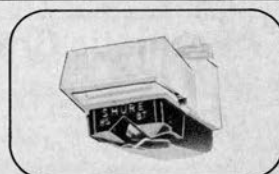
### HI-VALUE HI-FI! REALISTIC/SHURE R25EDT

Elliptical diamond stylus for lower distortion (10 x 18 microns). High fidelity 20- 20,000 Hz frequency response. Tracks at 2-4 grams. 42-2767 **£7.95**



### WIDE DYNAMIC RANGE! REALISTIC/SHURE R47EDT

Features of R25EDT, plus high trackability down to 1½ grams for lower wear. 20 dB channel separation for superb stereo. Tracks at 1½-3 grams. 42-2761 **£14.49**



### ULTRA-LIGHT TRACKING! REALISTIC/SHURE R1000EDT

Smooth 20-20,000 Hz response for high-definition music. Tracks at only ¾-1½ grams. 5 x 18 micron stylus tip. 42-2769 **£25.79**

**RS3T STYLUS.**  
Replaces R25, Shure M71, M75 ECS series. 42-2768 **£9.99**

**RS5T STYLUS.**  
Replaces R47, Shure M70, M75 series. 42-2762 **£12.45**

**RS8T STYLUS.**  
Replaces R1000, Shure M90, M75 T-2 series. 42-2770 **£20.45**

### RS9E STYLUS

For R9000, Shure M95 series. ¾-1½ g. 42-2651 **£20.49**

### RS6E STYLUS

For R27, Shure M73/75E series. ¾-1½ g. 42-2764 **£15.45**

How Old Is Your Stylus? A New One Will Protect Your Valuable Records!

**HI-FI ON A BUDGET! REALISTIC/ADC QLM30 MK 111**  
**£5.29**  
Diamond conical stylus with 20-18,000 Hz, ± 3 dB response. Channel separation: 18 dB at 1 kHz. Tracks 3-5 grams. With easy-mount adapter. 42-2772 **£5.29**

**STEREO CERAMIC CARTRIDGE**  
**£4.19**  
Replaces almost any make of cartridge. This model has a 3 mil. radius sapphire stylus for 78 rpm records, and a sapphire stylus for microgroove records on the reverse. 42-9134 **£4.19**

## MAGNETIC CARTRIDGE DIAMOND REPLACEMENT STYLI

All our diamond replacement styli are either originals or meet or exceed the manufacturer's specifications.

Make	Cat. No.	Fig.	Tip	Stylus No./Cartridge	Price
ACOS	42-9136	1	Stereo/LP	M-6	£ 4.95
Audio Technica	42-9021	2	Elliptical	AT12E	£ 8.95
ADC	42-9011	3	Stereo/LP	VMB/7D (AT10, 11, 12)	£ 4.95
ELAC	42-9019	3	Elliptical	K8	£ 8.95
	42-9015	4	Stereo/LP	K7E	£12.95
				STS 155-17	£13.95

Make	Cat. No.	Fig.	Tip	Stylus No./Cartridge	Price
Goldring	42-9119	5	Stereo/LP	G.800 (D.110)	£ 3.99
	42-9118	6	Stereo/LP	G.850 (D.120)	£ 3.99
Hitachi	42-9136	7	Stereo/LP	DS ST.101	£ 4.49
Sanyo	42-9139	8	Stereo/LP	ST.28 (MG.28)	£ 4.49
	42-9135	9	Stereo/LP	G.2611. G.2711K	£ 3.99
Sansui	42-9160	10	Stereo/LP	SN-28	£ 4.49

## REALISTIC<sup>®</sup> DIAMOND REPLACEMENT STYLI

ALL ONE LOW PRICE **£1.79**

• Individually tested for uniform quality and response  
Only at Tandy can you purchase first-grade, British made, diamond styli at these bargain prices. All styli are diamond-tipped on one side and—if double sided—have sapphires on the other. The code on the chart for Tip 1 and Tip 2 is: ST = Stereo; LP = Long Playing.

Make	Cat. No.	Fig.	Tip 1 Dia.	Tip 2 Sapph.	Stylus No./Cartridge
ACOS	42-9100	A	ST	ST	GP 91-SC, GP 91-1SC, GP 91-3SC
BSR	42-9103	B	ST	—	GP 104
	42-9104	C	ST	ST	TC8R/S, TC8S, TC8SM, TC8H/PU30, GP 83-2, Vaco ST, Astatic 70, 74, 76, 78, 320, 322, 324/474, Magnavox 560288, Pieza 108718
	42-9105	D	ST	ST	ST 3, ST 4, C T, X1M, X1H, SX1M, SX1H, X2HE, SX2H
	42-9108	E	ST	ST	ST 8, ST 9, X1M, X1H, X1HE, SX1M, SX1H, SX2H, X3M, X3H, X type 211, X4H, X5H, X5M, SX5M, SX5H, SC5H

Make	Cat. No.	Fig.	Tip 1 Dia.	Tip 2 Sapph.	Stylus No./Cartridge
BSR	42-9110	F	LP	LP	ST 5, ST 6, X1M, X1H, X1HE, X2HE
	42-9109	G	ST	ST	ST 10, X1M, X1H, X1HE, SX1M, SX1H, SX2H X4H, X5H, X5M, SX5H, SC5H
	42-9106	H	ST	ST	ST 12, ST14, X5M, SX5M, SC5M, SX6M, SX6H
	42-9107	I	ST	ST	ST15, X5M, SX5M, SC5M, SX6M, SX6H
	42-9111	J	ST	ST	ST16, ST17, SC10H, SC10M, X8M4, SC8H, SC7M

Make	Cat. No.	Fig.	Tip 1 Dia.	Tip 2 Sapph.	Stylus No./Cartridge
BSR	42-9127	K	ST	—	ST20, ST210, SC7M, SC8H
Garrard	42-9113	L	ST	ST	GSS 1, GTS 1, GCS 35, GCS 36, Sonotone 2109, 2509, 2539
	42-9115	M	ST	ST	KS 40A, ASS, ADS, ADD, Sonotone 3509
AG Philips	42-9116	N	ST	ST	KS 41B, BSS, BDS, BDD, Sonotone 3549
	42-9102	O	ST	ST	AG 3306, 946/SS50, 946/DS51, AG 3306 3224, 3230, 3310, 3228, GP 200, 204, 205, 224, 230, 235, 300, 306, 310

Make	Cat. No.	Fig.	Tip 1 Dia.	Tip 2 Sapph.	Stylus No./Cartridge
AG Philips	42-9123	P	ST	ST	946/S50, 946/DS1, GP 204, 205
Sonotone	42-9122	Q	ST	ST	9TAHC
Sanyo	42-9161	R	ST/LP	—	STL-10
Ronette	42-9062	S	ST/LP	—	STL-10
	42-9120	T	ST	—	BF 40, SA 250, SA 100, SA 075, SA050S1 D1 100, D1 075, D1 1050S1, DC 284, OV DC 284-P, DC 284-1, DC 395-S, Meiren 105, 106, 208, PE 20, 30



# THE ULTIMATE IN HI-FI STEREO RECORD DECKS! QUARTZ LOCKED DIRECT DRIVE TURNTABLE

## REALISTIC®

- Quartz accuracy means ultra stable speeds—no distortion
- Direct drive means quiet operation—you'll just hear music

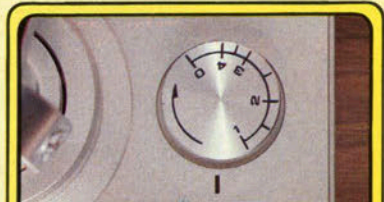
### £169<sup>95</sup>



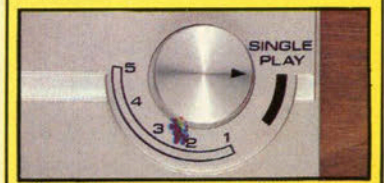
### OUR BEST EVER RECORD DECK WITH A HOST OF FEATURES FOR FANTASTIC PERFORMANCE

- Neon strobe patterns on platter allow you to check exact speed
- Front panel consol for direct access to controls
- Includes Realistic Integrated Low-Mass Cartridge Headshell and moving magnet cartridge with diamond stylus

**REALISTIC LAB-8500.** For state of the art listeners, we present our finest ever. The precision fully automatic direct drive turntable employs a powerful brushless DC servo motor with special poles which generates a signal to compare with an internal quartz crystal frequency. Strobe markings allow you to check the speed—precisely. This comparison is achieved by Phase/lock loop circuit. The result is a precisely accurate turntable speed, which is continuously sampled and corrected. Speeds are 33 $\frac{1}{3}$  and 45 rpm. Rumble is better than 65 (DIN B). Signal to noise ratio is better than 53 (DIN B). Wow and flutter is less than 0.33% WRMS! To match the deck the arm is S-shaped, statically balanced with a plug-in headshell. Other features include repeat play facility, oil damped cueing, hinged dust cover, anti-skate device, full manual control option, walnut veneer base. **Size:** 143 x 450 x 355 mm. **42-8970** **£169.95**



Adjustable Antiskate Control can be set for conical, elliptical or shibate type cartridges so that the antiskate force corresponds to the stylus force.



Repeat dial allows you to programme turntable to automatically shut off at record end or return the tone arm to the start of the disc.

# PRECISION DIRECT-DRIVE, HIGH PERFORMANCE TURNTABLES

## FULLY AUTOMATIC WITH PROGRAMMABLE REPEAT

### REALISTIC

NEW FOR  
81  
TANDY



£129<sup>95</sup>

- Neon Stroboscope For Precise Speed Adjustment
- 20-Pole DC Servomotor
- Hinged Dust Cover
- Complete With Cartridge

**REALISTIC LAB-420.** Designed to meet the high standards that audiophiles expect for superior sound reproduction from discs. The 3.1 lb aluminium alloy platter rests directly atop the 20-pole DC servomotor for unwavering speed, and the S-shaped tone arm keeps the cartridge stylus perpendicular to the radius of the groove across the full surface of the record—which means extremely low distortion and excellent tracking at less than 1½ grams. **42-2975** £129.95

#### Specifications

**Drive System:** Direct. **Platter:** Aluminium alloy die-cast, 31.12 cm diameter, 3.1 lbs. **Motor:** 20-pole brushless DC servo-type. **Speeds:** 33⅓ and 45 RPM. **Pitch Control Range:** ± 4%. **Rumble:** 65 dB (DIN B). **Signal-to-Noise Ratio:** Better than 53 dB. **Hum:** -65 dB. **Wow and Flutter:** Less than 0.03% WRMS. **Size:** 14.28 x 29.69 x 35.48 cm. **Accessories:** Head shell with cartridge, counterweight, 45 RPM adaptor, dust cover.

## DELUXE TURNTABLE FEATURES EASY-TO-USE FRONT-MOUNTED CONTROLS

### REALISTIC

NEW FOR  
81  
TANDY



£99<sup>95</sup>

- Automatic Arm Return and Shut Off
- Low-Profile, Moulded One-Piece Base with Anti-Shock Feet
- Hinged Dust Cover
- Complete with Cartridge

**REALISTIC LAB-390.** Brushless DC servomotor instantaneously senses and corrects platter speed. Die-cast non-magnetic platter damps vibration. Variable pitch control and built-in strobe-illuminator/pilot light to make speed adjustment easy and precise. Anti-skating control helps prevent record wear and inner groove distortion. S-shaped tone arm with adjustable tracking force. **42-2967** £99.95

#### Specifications

**Type:** Auto arm return, auto shut off. **Drive System:** Direct. **Platter:** Aluminium die-cast, 31.28 cm diameter. **Motor:** Brushless DC motor. **Speeds:** 33⅓ and 45 RPM. **Pitch Control Range:** ± 5% adjustment range. **Rumble:** -75 dB. **Wow and Flutter:** Less than 0.03% WRMS. **Size:** 42.86 x 13.02 x 37.47 cm. **Accessories:** Head shell with cartridge, counterweight and 45 RPM adaptor, overhang gauge, dust cover.

Unrivalled Sound Reproduction From Realistic Lab Series



# SOUND QUALITY BELT-DRIVE TURNTABLES AND CHANGER

## DELUXE AUTOMATIC 2 SPEED TURNTABLE

- Hinged Dust Cover.
- S-Shaped Tone-Arm with Auto Return.
- £14.49 Valve Magnetic Cartridge.

**REALISTIC LAB-270.** Designed to satisfy the purist, yet anyone can appreciate its sound value! Features a powerful DC servomotor for unwavering accurate speed with instant acceleration. The belt-drive system absorbs the slightest vibration of the motor so you hear only the music. S-shaped tonearm has damped cue/pause that gently raises and lowers stylus. Adjustable anti-skate for minimum record wear. Adjustable counter-balance for perfect tracking at less than 2 grams.

42-2965 £79.95

### Specifications:

**Type:** Auto arm return. **Drive System:** Belt. **Platter:** Aluminium die-cast, 30.48 cm diameter. **Motor:** DC servo-type. **Speeds:** 33 $\frac{1}{3}$  and 45 RPM. **Rumble:** -65 dB. **Wow and Flutter:** Less than 0.05% WRMS. **Size:** 42.86 x 13.65 x 33.02 cm. **Accessories:** Head shell with cartridge, counterweight, 45-RPM adapter, dust cover.



£79<sup>95</sup>



## SEMI AUTOMATIC STEREO TURNTABLE

- Viscous Damped Cue/Pause Control
- Calibrated Anti-Skate And Adjustable Counter Balance
- Complete with Cartridge

**REALISTIC LAB-60.** Styled in gun metal grey with smoke tint hinged dust cover this 2 speed turntable's modern looks will look good in any home. Operation is semi-automatic with a viscous damped cue/pause control for the S-shaped tone arm. Slide-in head shell complete with magnetic cartridge and diamond stylus. Adjustable counterbalance and calibrated anti-skate reduces distortion. 42-9023 £59.95

£59<sup>95</sup>

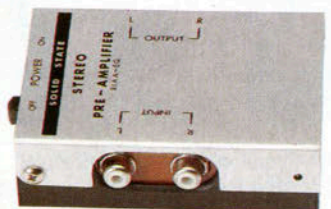


£39<sup>95</sup>

## FULL FEATURE, LOW PRICE CHANGER

- 33 $\frac{1}{3}$ , 45 and 78 RPM Changer
- Diamond Stylus Cartridge

**REALISTIC LAB 48.** Our lowest priced changer but packed with features. Lightweight tubular tone arm, adjustable tracking force and full fidelity ceramic cartridge. Positive action slide controls. Accurate cueing for positioning of stylus wherever you want on the record. Walnut trim base and tinted dust cover supplied. 42-2934 £39.95

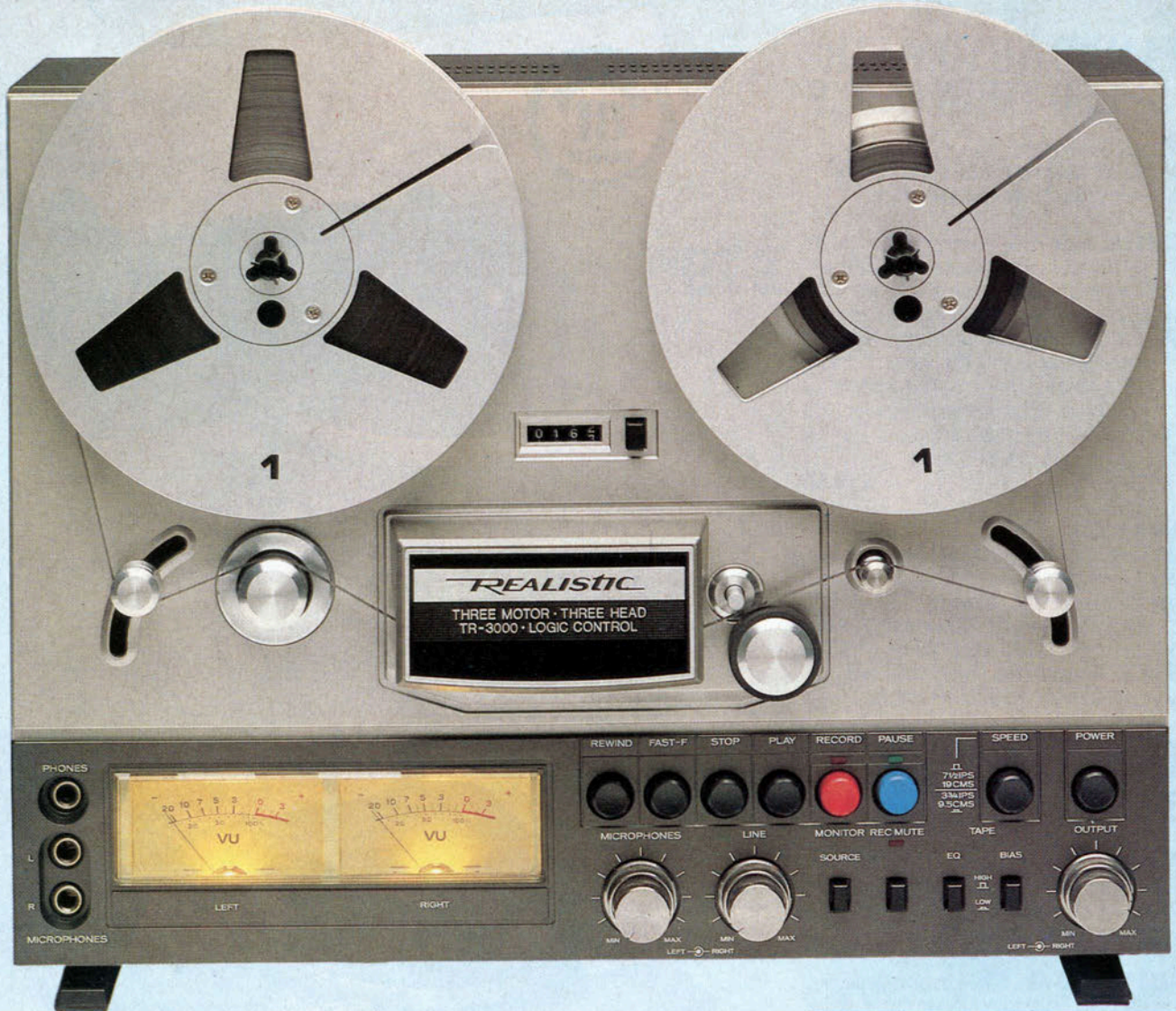


## Battery Powered Stereo Pre-amplifier £8<sup>39</sup>

- Instant Installation
- Reliable Solid State Circuitry

Install instantly for use with magnetic cartridges for increased bass and treble. Use a changer with a magnetic or even equipment with ceramic phone input. In a compact metal case. Requires a 9v battery. 42-8930

# OPEN-REEL DECK WITH 3 HEADS, 3 MOTORS, LOGIC CONTROL



**REALISTIC**®

£349<sup>95</sup>

OPEN REEL DECK FOR PROFESSIONAL OR HOME USE.

- Easy-to-Use! Pushbuttons with Full-Logic Solenoid Control let you switch from fast forward to rewind to play without tape Snarls or Spills.
- Separate High/Low Bias and EQ settings for Best response and lowest noise from any tape.
- 7½ and 3¾ ips Speeds.

**REALISTIC TR-3000.** Join the professionals and upgrade to open reel for wider frequency response, lower noise and distortion, greater dynamic range and "easy-to-be-creative" editing! Our finest ever reel deck features a pushbutton-activated electronic solenoid system to control all tape movement, and a servo-controlled DC capstan motor to virtually eliminate wow and flutter. Twin idler arms and two high-torque reel motors maintain constant tape tension for smooth, fast winding. Separate mike and line input controls work like a built-in mixer. Pause and record mute controls let you edit out unwanted material electronically as you record. Lighted 3" VU meters, adjustable line output level, 4-digit tape counter, ¼" Mike jacks, ¼" stereo headphone jack. With 7" plastic reel, two stereo patch cords. AC operation **14-700**

£349.95

## Professional Features



3 heads: erase, record and play—for off-the tape monitoring as you record material!



High-torque wind and rewind motors FG servomotor for low wow and flutter.

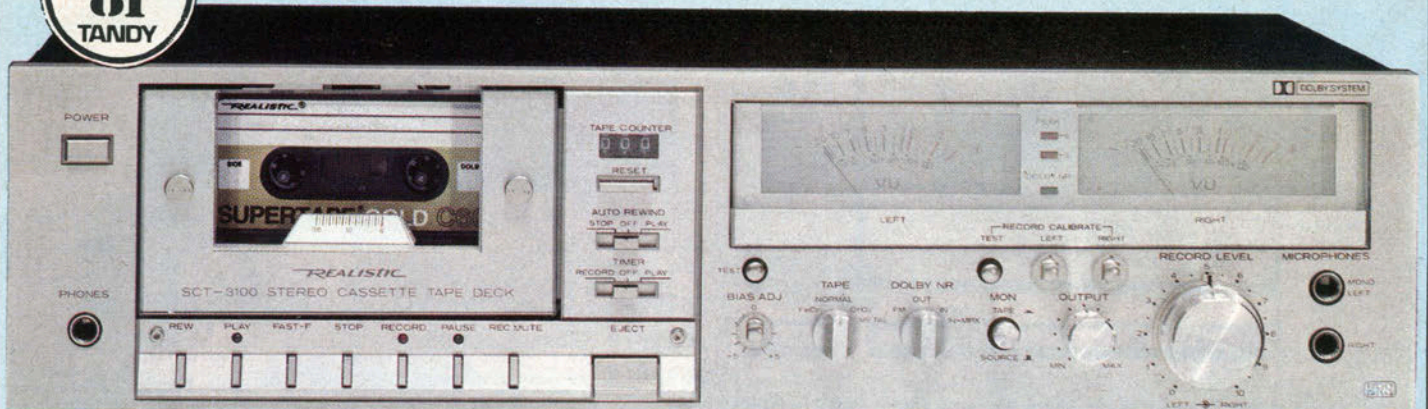
## Specifications

**Frequency Response:** 30-28,000 Hz ± 3 dB 30-20,000 Hz ± 1.5 dB at 7½ ips. 30-20,000 Hz ± 3 dB, 30-15,000 ± 1.5 dB at 3¾ ips. **S/N Ratio:** Better than 58 dB at 7½ ips, 55 dB at 3¾ ips. **Total harmonic distortion:** 0.9% at 0 VU. **Wow & Flutter:** Less than 0.06% (WRMS) at 7½ ips. 0.08% (WRMS) at 3¾ ips. **Fast Forward/Rewind Time:** 90 sec. 1800. **Head Material:** Hard Permalloy. **Size:** 410 x 326 x 231 mm.

Great Music costs less on Tandy Tape.

# TANDY'S TOP-OF-THE-LINE CASSETTE DECK

# METAL



## OUR BEST! DOUBLE DOLBY\* NR, 3 HEADS, DUAL CAPSTAN DRIVE

Three Separate Heads Let You Monitor the Tape As It's Being Recorded — And Two Separate Dolby Circuits Let You Record and Monitor in Dolby — You Hear Exactly What Your Tape Recording Will Sound Like!

- Variable-Bias/Twin-Tone Oscillator for Flat Response
- Calibration Controls for Proper Dolby Recording Level
- Two Large VU Meters with Two Peak LED VU Indicators
- Tape/Source Button and 3 Heads—Monitor Off-the-Tape as you Record
- Solenoid-Operated, Logic IC Controlled Transport for Smooth Handling

**REALISTIC SCT-3100.** The ultimate cassette deck for those who want the best in cassette recording—gives you highest performance from any cassette plus metal-tape reproduction that rivals open reel! Includes features like soft-touch logic pushbuttons for rewind, play, fast forward, stop, record, pause, and record mute to effortlessly control all functions. Tape/source pushbutton for instant exact comparison of tape recording and source. The cassette door is detachable for easier tape head maintenance. Output level control, concentrically clutched record level controls with "memory ring" for exact resetability. Two 1/4" mike inputs, headphone jack. Twin 3" VU level meters with digital tape counter, reset, auto-rewind. Timer functions allow automatic rewind to stop, continuous play, or timed record or play (with external timer, not included). Record mute button is handy for editing out unwanted material as you record. Adjustable bias Twin-Tone generator creates 400 Hz and 10 kHz signals to calibrate the deck precisely to any tape formulation. Double Dolby, with switchable multiplex filter, insures optimum results when recording Dolby FM, records, or through the mike inputs. Peak-indicator LEDs visually indicate + 3VU and + 6VU record levels for continuous monitoring and reduction of distortion. Auto-rewind mechanism lets you select stop, rewind or play functions, during recording or playback. At end of tape travel, the 3100 will either rewind and stop or rewind and go to play/record. The cassette deck with it all! **14-615 £349.95**

### Specification

**Frequency Response** ±3 dB: 30-21,000 Hz (metal), 30-20,000 Hz (CrO2), 30-19,000 Hz (normal).

**Wow and Flutter:** Less than 0.04% WRMS. **Signal-to-Noise Ratio** (ref. 3.0% THD, Dolby "on" CCIR weighted, metal tape): 67 dB. **Distortion** (ref. 160 mW/m @ 400 Hz): Less than 0.9% THD. **Record and Play Heads:** Titanium surfaced, ferrite core. **Erase Head:** Ferrite with double gap. **Output Level:** Adjustable to 0.78 volt max. **Size:** 10.96 x 43.50 x 26.67 cm.

\*Dolby is the trademark of Dolby Laboratories Inc.

## £349<sup>95</sup>

**Separate record and play heads for off-the-tape monitoring. Single-housing design for perfect, permanent alignment.**

**Four Position Dolby Switch: Dolby Tape In/Out, Dolby FM, MPX Filter.**

**Dolby Calibration Controls for precise accurate operation.**

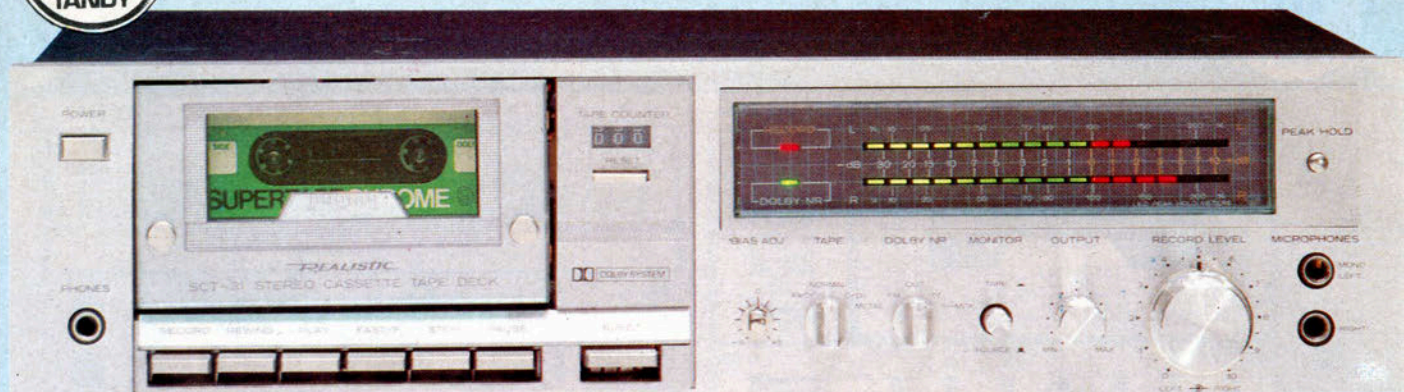
**Use any tape—normal, Ferrichrome, CrO2 or the new high-output metal cassettes!**

# SUPERB REALISTIC STEREO CASSETTE DECKS

NEW FOR  
**81**  
TANDY

## DOUBLE DOLBY NR, 3 HEADS, FAST LED PEAK LEVEL METERS

# METAL



- Four-Position Tape Selector—Use Normal, FeCr, CrO2 or Metal Tape.
- Three Heads for True Tape/Source Monitoring, While You Record.
- Double Dolby Works in All Modes—Recording, Playback and Monitoring.
- 16-Segment LED Peak Level Meters for Each Channel & Peak Hold Button.

**£269<sup>95</sup>**

**REALISTIC SCT-31.** A smart choice for the music lover who wants metal capability, easy operation and low-profile styling. Records and monitors in Dolby. A single four-position selector handles all tape formulations and a front panel bias control adjusts for optimum response with any cassette. Has super-fast two-colour LED peak meters. The auto/manual peak-hold feature shows you highest signal levels for easy and exact level setting. Also features a smooth-operating cassette transport with DC servomotor capstan drive; switchable MPX filter; full auto stop and more. **14-614 £269.95**

### Specifications:

**Frequency Response**  $\pm 3$  dB: 30-21,000 Hz (metal), 30-20,000 Hz (CrO2), 30-19,000 Hz (normal). **Wow and Flutter:** Less than 0.05% WRMS. **Signal-to-Noise Ratio:** (ref. 3.0% THD, Dolby "on" CCIR weighted, metal tape): 66 dB. **Distortion** (ref. 160mW/m @ 400 Hz): Less than 1.0% THD. **Record and Play Heads:** Ferrite with titanium surface. **Erase Head:** Double gap ferrite. **Output Level:** Adjustable, 0.78 volt max. **Size:** 43.50 x 10.48 x 25.4 cm.



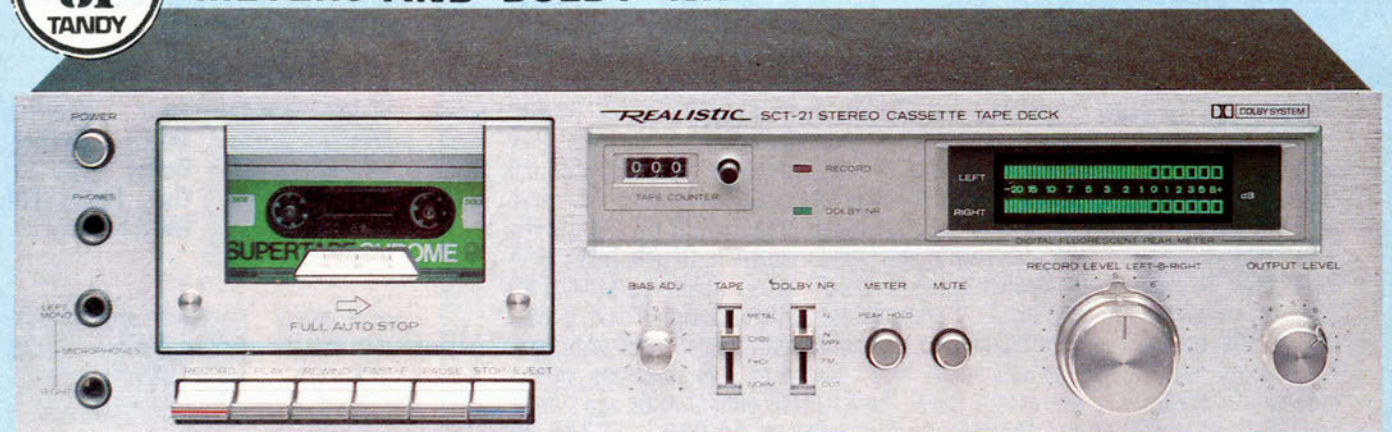
## Supertape Metal Cassettes—A Difference You Can Hear!

Tandy's new state-of-the-art metal tape is coated with particles of pure iron with twice the coercivity of any oxide tape. This means the tape can capture and reproduce more of the music, even the sparkling high-frequency transients that are lost with conventional cassettes. Metal tape lets you record at higher levels with lower distortion—you get stunning dynamic range over the entire audio frequency spectrum and sound quality you thought you'd never hear from a cassette! **44-960 £5.95**

NEW FOR  
**81**  
TANDY

## PEAK HOLD FLUORESCENT METERS AND DOLBY\* NR

# METAL



- Four-Position Tape Selector—Use Normal, FeCr, CrO2 or Metal Metal Tape.
- Record Mute Button and Pause Lever for Silent Editing As You Record.
- FG (frequency generator) Servo Motor for Precise Speed, Low Wow and Flutter.
- Accurate 14-Segment Fluorescent Level Meters with Peak Hold Button.

**£179<sup>95</sup>**

**REALISTIC SCT-21.** A four position Dolby NR mode switch lets you record Dolby or standard tapes from any source. There's a front panel fine bias control that ensures best response from all cassettes and concentric record level controls with memory ring for easy resetting to a previous level. The ultra-fast operating fluorescent meters with switchable peak hold end "guesswork" when setting recording levels. Also has adjustable output level control to match the input requirements of any receiver or amplifier; LED record and Dolby mode indicators; switchable MPX filter; 3-digit tape counter and more. An outstanding value! **14-611 £179.95**

### Specifications:

**Frequency Response**  $\pm 3$  dB: 30-20,000 Hz (metal), 30-18,000 Hz (CrO2), 30-15,000 Hz (normal). **Wow and Flutter:** Less than 0.06% WRMS. **Signal-to-Noise Ratio:** (ref. 3.0% THD, Dolby "on" CC1R weighted, metal tape): 66 dB. **Distortion** (ref. 160 mW/m @ 400 Hz): Less than 1.1% THD. **Record/Play Head:** Hard permalloy. **Erase Head:** Ferrite. **Size:** 41.91 x 10.47 x 25.08 cm. **14-611 £179.95**

# REALISTIC DECKS ADD SUPERB STEREO TO ANY SYSTEM

**PEAK-READING FLUORESCENT METERS,  
DOLBY\* NR, LOW PRICE**

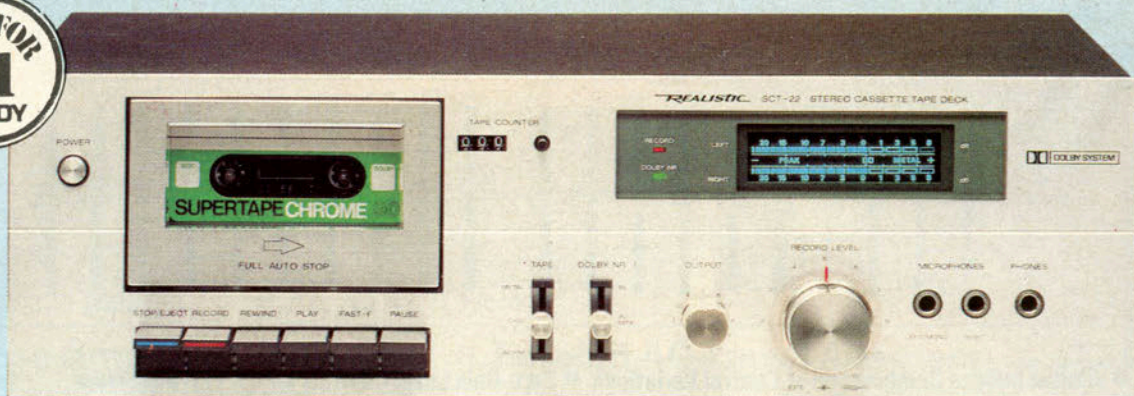
Available Oct. 30, 1980

## METAL

**NEW FOR  
81  
TANDY**

**£129<sup>95</sup>**

- Three-Position Tape Selector—Normal, Chrome or Metal
- 12 Segment Fluorescent Meters



**REALISTIC SCT-22.** Features a smooth operating cassette transport. Push Key operation; DC capstan motor for accurate speed; full automatic stop at end of tape in all modes. Easy to read fluorescent meters and clutched, concentric record level controls with memory ring make it easy to set recording levels. Three position Dolby NR switch for making Dolby or standard recordings; switchable MPX filter; adjustable output control; superb sound and styling at a low price. 14-612 **£129.95**

**Specifications:**

**Frequency Response**  $\pm 3$  dB: 30-19,000 Hz (metal), 30-14,000 Hz (CrO<sub>2</sub>), 30-13,000 Hz (normal). **Wow and flutter:** Less than 0.8% WRMS. **Signal-to-Noise Ratio** (ref. 3.0% THD, Dolby "on" CCIR weighted, metal tape): 65 dB. **Distortion** (ref. 160 mW/m @ 400 Hz): Less than 1.3% THD. **Record/Play Head:** Hard permalloy. **Erase head:** Ferrite. Output level adjustable to 0.78 volt maximum. **Size:** 12.7 x 42 x 21.5 cm.

**DOLBY\* NR AND METAL CAPABILITY  
IN A LOW-PRICED REALISTIC DECK**

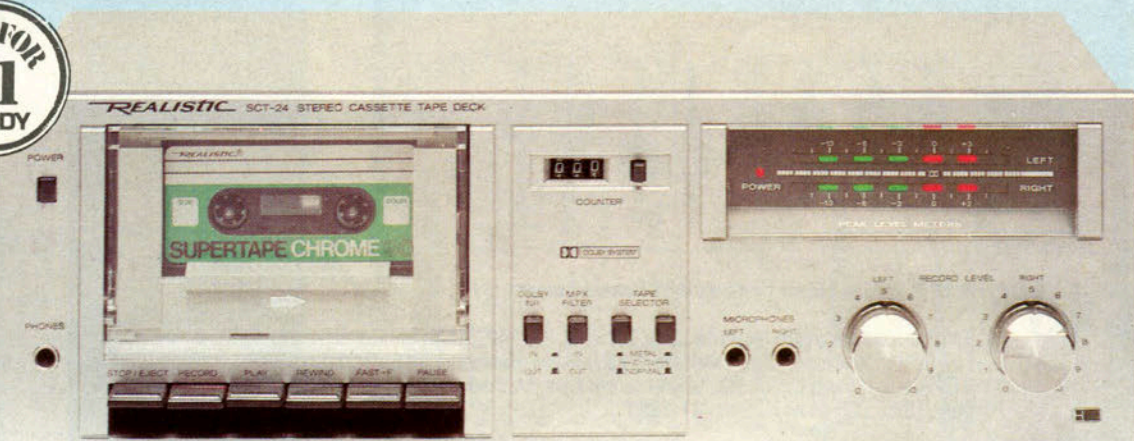
Available Sept. 30, 1980

## METAL

**NEW FOR  
81  
TANDY**

**£89<sup>95</sup>**

- Dolby Reduces "Hiss", Extends Headroom
- Full Auto-Stop Prevent Tape Damage
- Output Level Control—Tape Counter



**REALISTIC SCT-24.** Convenience, the superior sound of metal tape, and the Dolby Noise Reduction System are yours to enjoy with this easy-to-use stereo deck. Features of the SCT24 include 2-colour LED peak meters for exact record level setting; soft-eject cassette door; push levers for pause, record, play, rewind, fast-forward and stop/eject cassette modes. Resettable 3 digit tape counter that helps you find individual cassette selections; adjustable output level to match the input of your system; and a mike/line input selector. 14-613 **£89.95**

**Specifications:**

**Frequency Response**  $\pm 3$  dB: 30-14,000 Hz (metal), 30-12,000 Hz (CrO<sub>2</sub> and ferric). **Wow and flutter:** 0.15% WRMS. **Signal-to-Noise Ratio:** 64 dB on metal (ref. 3.0% THD, Dolby "on" CCIR weighted). **Distortion:** 1.33% THD (ref. 160 mW/m @ 400 Hz). **Output:** Adjustable to 0.55 volt max. **External Connections:** Headphones, two mike inputs, RCA-type line in/out. **Size:** 12.3 x 39 x 22.8 cm.

### STEREO RECORD/PLAY CASSETTE DECK

- CrO<sub>2</sub> Tape Switch
- Great Addition to Any Stereo With Tape In/Out Jacks

**£49<sup>95</sup>**

**REALISTIC SCT-12.** This compact deck lets you record from any source. Auto-level sets recording level for you—no adjustments are required. End-of-tape Auto-Stop prevents tape damage. Has selector switch for CrO<sub>2</sub> or normal tape; pushkeys for all modes including pause; 3 digit tape counter; adjustable output level; walnut grained vinyl veneer case. **Size:** 7.9 x 14.5 x 22 cm 14-601 **£49.95**



### ADD STEREO CASSETTE PLAYBACK TO YOUR MUSIC SYSTEM!

- Adjustable Output Level
- End-of-Tape Auto-Stop

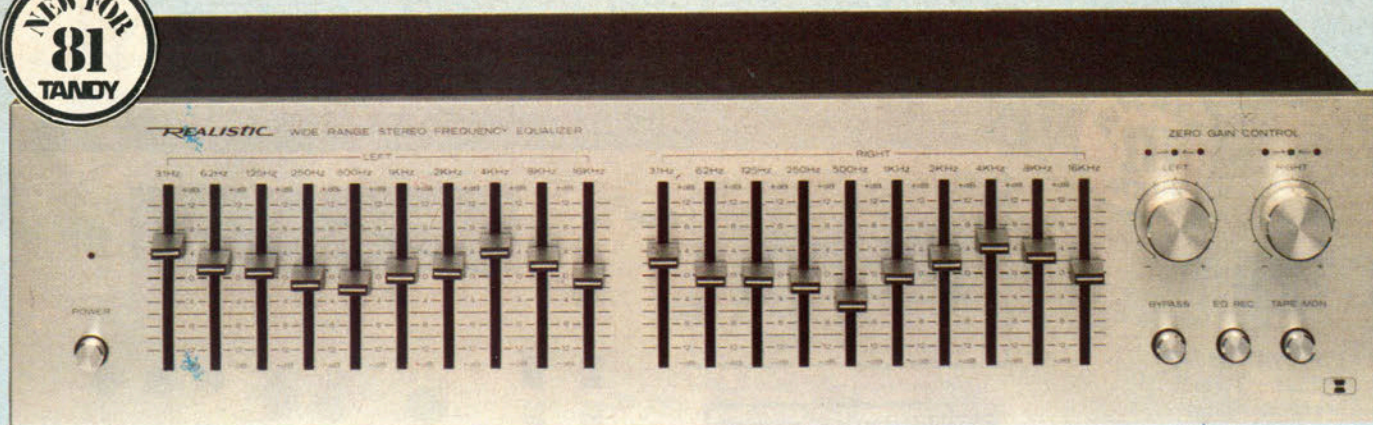
**£39<sup>95</sup>**

**REALISTIC SCP-2.** The easy, low-cost way to add cassette listening to any music system that has aux or tape jacks. Features push-keys for play, stop/eject, fast-forward and rewind; Auto-Stop at end of tape and adjustable output level control to match any receiver or amplifier input. Simulated-walnut case. **Size:** 8.9 x 14 x 21.4 cm. 14-607 **£39.95**



# UPGRADE YOUR STEREO SYSTEM WITH QUALITY ACCESSORIES

## 10-BAND, WIDE-RANGE FREQUENCY EQUALIZER



- Almost Infinite Combination of Control Variations
- Zero-Gain Level Controls with 6 LED Indicators

**£99<sup>95</sup>**

Bring out 'hidden' vocalists, add 'punch' to certain instruments, compensate for poor room acoustics—even minimize record scratches, tape hiss and turntable rumble. Twenty boost/cut slide-action controls have scales calibrated in 4 dB increments and center-detent flat positions. EQ record switch for custom producing your own tapes. Bypass button provides instant comparison to input. Wide-response, low-distortion circuit. All-metal cabinet, brushed aluminium front. Tape monitor button, tape in/out jacks.

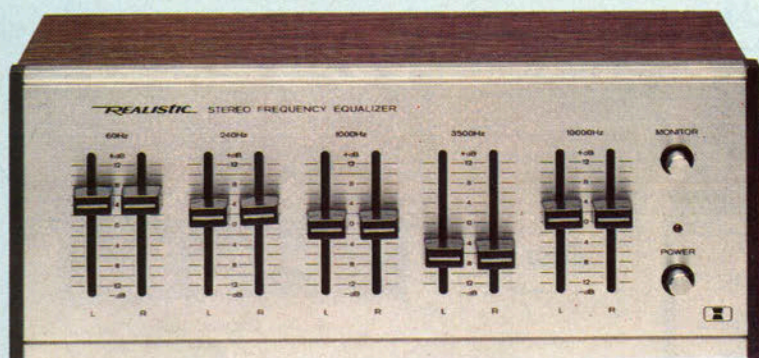
31-2000

£99.95

### Specifications

**Frequency Bands (Each Channel):** 31, 62, 125, 250, 500, 1000, 2000, 4000, 8000 and 16,000 Hz. **Frequency Response (flat setting):** 5 to 50,000 Hz  $\pm$  0.5 dB, -1.0 dB. **Tone Control Range:**  $\pm$  12 dB. **Harmonic Distortion:** 0.02% at 0.775 volt output. **Hum and Noise:** 80 dB (0.775 volt input). **Size:** 12.06 x 42.54 x 26.03 cm.

## 5-BAND GRAPHIC EQUALIZER



**£49<sup>95</sup>**

- 10 Precision Linear Controls with Centre Detents

Boost or cuts frequency response up to 12 dB at 60, 240, 1000, 3500 and 10,000 Hz. Tape monitor button and tape in/out facilities. **Harmonic Distortion:** 0.02% at 0.775 volt output. Walnut vinyl veneer case, brushed aluminium front. **Size:** 10.80 x 26.04 x 15.26 cm. 31-1987

£49.95

## 6-RANGE SOUND LEVEL METER

**£22<sup>95</sup>**

- 6 Sound level Ranges from 60 dB to 126 dB
- A and C weightings to check compliance with Safety Regulations.

Versatile meter measures sound intensity in any situation. Switchable Fast/Slow response. Built in battery checker. Can also function as an electret condenser mike for recording or frequency analysis. Ranges: 60/76 dB; 70/86 dB; 80/96 dB; 90/106 dB; 100/116 dB and 110/126 dB. Accurate to  $\pm$  2 dB at 114 dB. Phono-jack connection, tripod mounting socket. Distortion less than 2% at 1 kHz, 0.5 V. Impedance: 10 Kohms. Min. Requires 9 V battery.

42-3019

£22.95

## ELECTRONIC RHYTHM BOX



**£39<sup>95</sup>**

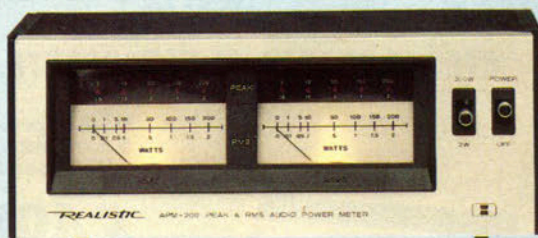
- For Amateurs and Professionals Alike
- Mix Rhythms and make Exciting Music
- Push Key Selectors

For practice or performance! Choose from 5 rhythms—Latin, Bossa, Rock, Foxtrot and Waltz. Use them separately or together. Slide-action volume and tempo controls. Metronome mode keeps time with a pleasant beat. Built-in speaker, or plays through any amplifier. 27.94 x 7.30 x 20.32 cm. Requires 6 'C' batteries.

42-2103

£39.95

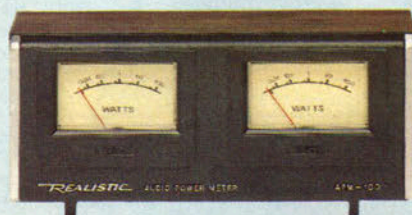
## DELUXE POWER METER



**REALISTIC APM-200.** Quick-response LEDs track short bursts of music energy—help you spot distortion. Lighted RMS meters measure average power output in 0-2 and 0-200 watt ranges. Easy hook-up. 22.23 x 9.53 x 9.84 cm. 42-2102

**£39<sup>95</sup>**

£39.95



## LOW COST AUDIO POWER METER

**REALISTIC APM-100.** Continuous speaker monitoring for up to 100 watts RMS at RMS at 4 or 8 ohms. DIN and screw terminal. 42-9400

**£12<sup>95</sup>**

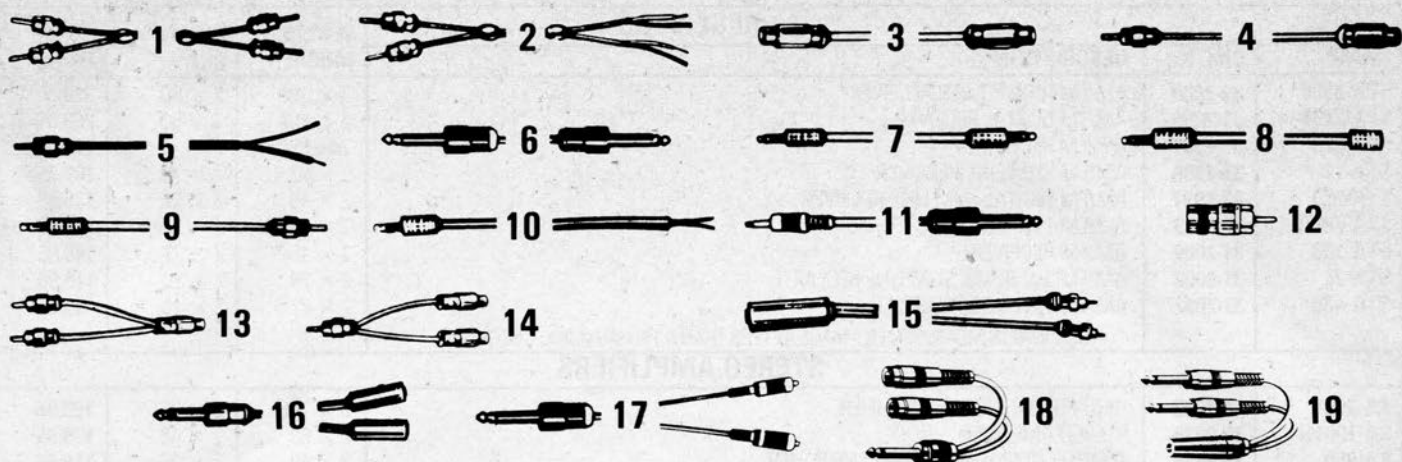
£12.95

# REALISTIC HI-FI CHART

RECEIVERS					
NAME	CAT. No.	DESCRIPTION	WATTS MUSIC	WATTS USA*	PRICE
STA-2080	31-3000	AM/FM HIGH POWER RECEIVER	2 × 150	2 × 80	329.95
STA-2250	31-2095	AM/FM DIGITAL RECEIVER	2 × 100	2 × 50	269.95
STA-820	31-2087	AM/FM RECEIVER	2 × 82.5	2.40	219.95
STA-11	31-1999	AM/FM SLIM LINE RECEIVER	2 × 52.5	2 × 30	199.95
STA-720	31-1997	AM/FM DIGITAL SLIM LINE RECEIVER	2 × 45	2 × 25	179.95
STA-78LA	31-9033	AM/FM/LW RECEIVER	2 × 45	2 × 22	169.95
STA-100	31-2089	AM/FM RECEIVER	2 × 45	2 × 22	149.95
STA-7L	31-9032	AM/FM/LW BLACK SLIM LINE RECEIVER	2 × 24	2 × 10	119.95
STA-430	31-2092	AM/FM LOW COST RECEIVER	2 × 22.5	2 × 10	99.95
* = USA WATTS MEASUREMENT MADE AT LESS THAN 0.1% HARMONIC DISTORTION					
STEREO AMPLIFIERS					
SA-2001	31-1962	HIGH POWER STEREO AMPLIFIER	2 × 105	2 × 75	189.95
SA-1001B	31-9035	STEREO AMPLIFIER	2 × 63	2 × 46	129.95
SA-950	31-9038	TOWER COMPONENT STEREO AMPLIFIER	2 × 40	2 × 25	119.95
SA-102	31-1963	LOW COST STEREO AMPLIFIER	2 × 6	2 × 2.5	39.95
TUNERS					
			SELECTIVITY		
TM-1001L	31-9034	AM/FM/LW STEREO TUNER	250u v/m FOR 20dB SN RATIO		139.95
TM-950	31-9039	TOWER COMPONENT AM/FM/LW STEREO TUNER	300u v/m FOR 20dB SN		119.95
TM-102	31-1964	LOW COST AM/FM STEREO TUNER	250u v/m FOR 20dB SN		39.95
STEREO TAPE AND CASSETTE RECORDERS					
		DESCRIPTION			
TR-3000	14-700	17.78 cm, 3 MOTOR, 3 HEAD, OPEN REEL RECORDER			349.95
SCT-3100	14-615	3 HEADS, DOUBLE DOLBY, THREE POSITION TAPE SELECT, INCLUDING METAL			349.95
SCT-31	14-614	3 HEADS, DOUBLE DOLBY, THREE POSITION TAPE SELECT, INCLUDING METAL			269.95
SCT-21	14-611	FLOURESCENT VU METER, DOLBY, THREE POSITION TAPE SELECT INCLUDING METAL			179.95
SCT-950	14-9841	TOWER COMPONENT STEREO CASSETTE DECK			119.95
SCT-22	14-612	FLOURESCENT VU METER, DOLBY, NORMAL, CRO <sub>2</sub> , METAL			129.95
SCT-24	14-613	LED PEAK METERS, DOLBY NORMAL, CRO <sub>2</sub> , METAL			89.95
TURNTABLES					
			WOW AND FLUTTER		
LAB 8500	42-8970	QUARTZ LOCK DIRECT DRIVE, INCLUDES CARTRIDGE	LESS THAN 0.03% WRMS		169.95
LAB 420	42-2975	DIRECT DRIVE, PROGRAMME REPEAT, INCLUDES CARTRIDGE	LESS THAN 0.03% WRMS		129.95
LAB 390	42-2967	DIRECT DRIVE, STROBE ILLUMINATOR, INCLUDES CARTRIDGE	LESS THAN 0.03% WRMS		99.95
LAB 270	42-2965	BELT DRIVE, 2 SPEED, INCLUDES CARTRIDGE	LESS THAN 0.05% WRMS		79.95
LAB 60	42-9023	BELT DRIVE, 5" ARM INCLUDES CARTRIDGE			59.95
LAB 48	42-2934	3 SPEED, AUTO CHANGE, INCLUDES CARTRIDGE			39.95
HI-FI SPEAKERS					
			FINISH	WATTS	
MACH ONE	40-4024	HIGH POWER 3 WAY SPEAKER SYSTEM	WALNUT	100	139.95
T-200	40-2029	HIGH POWER 3 WAY TOWER SPEAKER SYSTEM	WALNUT	150	129.95
X-100	40-9157	HIGH POWER, MEDIUM SIZE, 3 WAY SPEAKER SYSTEM	WALNUT	100	99.95
OPTIMUS 10	40-2028	2 WAY PASSIVE RADIATOR SPEAKER SYSTEM	WALNUT	75	99.95
T-100	40-2025	3 WAY TOWER SPEAKER SYSTEM	WALNUT	75	89.95
T-70	40-2023	2 WAY, LABYRINTH TOWER SPEAKER SYSTEM	WALNUT	75	79.95
OPTIMUS 25	40-2027	3 WAY ACOUSTIC SUSPENSION SPEAKER SYSTEM	WALNUT	75	79.95
OPTIMUS 23	40-2032	2 WAY BASS REFLEX SPEAKER SYSTEM	WALNUT	75	69.95
OPTIMUS 11	40-9173	2 WAY PASSIVE RADIATOR SPEAKER SYSTEM	WALNUT	50	59.95
MC-2001	40-1987	2 WAY HIGH EFFICIENCY SPEAKER SYSTEM	WALNUT	60	44.95
MC-2200	40-9164	2 WAY EFFICIENCY SPEAKER SYSTEM	BLACK	70	44.95
MC-1401	40-1988	2 WAY BASS REFLEX SPEAKER SYSTEM	WALNUT	55	39.95
MINIMUS 21	40-9167	COMPACT 3 WAY SPEAKER SYSTEM	BLACK	80	39.95
MINIMUS 11	40-2035/6	COMPACT 2 WAY DIE CAST ALUMINIUM ENCLOSURE	SILVER/BLACK	50	39.95
MINIMUS 7	40-2030/4	COMPACT 2 WAY DIE CAST ALUMINIUM ENCLOSURE	BLACK/SILVER	40	29.95
MC-1200	40-1984	2 WAY SPEAKER SYSTEM	WALNUT	50	29.95
STEREO EQUALIZERS					
			FREQ 12dB		
EQUALIZER	31-1987	5 BAND HI-FI STEREO EQUALIZER	60, 240, 1000, 3500, 10000HZ		49.95
EQUALIZER	31-2000	10 BAND HI-FI STEREO EQUALIZER	31, 62, 125, 250, 500, 1000, 2000, 4000, 8000, 16000HZ		99.95

\* POWER INDICATED IN USA WATTAGE ARE LOWER THAN DIN AS MEASURED OVER ENTIRE AUDIO RANGE AND MEASURED AT LESS THAN 0.1% TOTAL HARMONIC DISTORTION.

# WIDE CHOICE OF AUDIO CABLES, CONNECTORS AND ADAPTORS



## INJECTION MOULDED STEREO CABLES

Shielded stereo cables for quick, easy connections colour coded for correct hook-up.

Cat. No.	Fig	Description	Length(m)	Price
42-2351	1	2 straight phono plugs at each end	0.90	1.59
42-2352	1	2 straight phono plugs at each end	1.80	2.19

Cat. No.	Fig	Description	Length(m)	Price
42-2472	8	Miniature phone plug 3.5 mm to miniature phone jack 3.5 mm	1.80	1.59
42-2444	9	Miniature phone plug 3.5 mm to phono plug	1.80	1.39
42-2434	10	Miniature phone plug 3.5 mm to stripped leads	1.80	1.19
42-2433	11	Miniature phone plug 3.5 mm to phono plug 6.3 mm	1.80	1.39

## MOULDED CABLE ASSEMBLIES

Multipurpose flexible cable for every application.

Cat. No.	Fig	Description	Length(m)	Price
42-2358	2	Phono jack to phono jack	1.80	1.29
42-2361	3	Phono plug to phono jack	0.90	0.99
42-2362	3	Phono plug to phono jack	1.80	1.49
42-2363	3	Phono plug to phono jack	3.65	1.69
42-2365	4	Phono plug to phono plug	0.45	0.89
42-2366	4	Phono plug to phono plug	0.90	0.89
42-2367	4	Phono plug to phono plug	1.80	1.29
42-2368	4	Phono plug to phono plug	3.65	1.79
42-2370	5	Phono plug to stripped tinned ends	0.90	0.89
42-2371	5	Phono plug to stripped tinned ends	1.80	1.39
42-2381	6	Phono plug 6.3 mm to phono plug 6.3 mm	1.80	1.49
42-2420	7	Miniature phone plug 3.5 mm to miniature phone plug	1.80	1.29

## ADAPTORS AND CONNECTORS

All adaptors are made of high strength, lightweight plastic moulded for long life and noise free operation.

Cat. No.	Fig	Description	Price
42-2390	12	Shielded phono plug, pack of 2	0.89
42-2435	13	Y-adaptor: 2 phono plugs connected to one phono jack: 101 mm shielded cable	1.29
42-2436	14	Y-adaptor: phono plug connected to 2 phono jacks: 76 mm shielded cable	1.29
42-2471	15	Y-adaptor: 3-conductor stereo phono jack 6.3 mm to 2 phono plugs, 40 cm	1.79
42-2448	16	Y-adaptor: 3-conductor stereo phono plug 6.3 mm to 3-conductor stereo phono jacks 6.3 mm	3.29
42-2477	17	Y-adaptor: 3-conductor stereo phono plug 6.3 mm to 2 phono jacks 3.5 mm	1.49
274-310	18	Phone plug 3.5 mm to 2 phono jacks 3.5 mm	0.85
42-2156	19	Mono phone jack 6.3 mm to 2 phono plugs 6.3 mm	1.89

### COLOUR-CODED 90 cm AUDIO CABLES



£1.99

Top quality shielded cables for positive protection and low signal loss. Perfect for easy connections, testing equipment, or for making checks or repairs.

42-2309 £1.99

### MULTIPURPOSE FLEXIBLE GREY CABLE

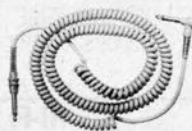


£2.39

Phone plug 6.3 mm to phone jack 6.3 mm. length 3.65 m.

42-2378 £2.39

### GUITAR CORD



£3.29

Coiled guitar cord, 91 cm extends to 4.6 m; phone plugs 6.3 mm. 42-2473

£3.29

### 25' MICROPHONE CABLE



£2.49

Heavy duty, low loss microphone extension. 6.3 mm plug, 6.3 mm inline jack.

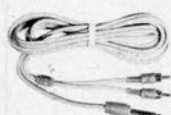
42-2379 £2.49

### SPEAKER EXTENSION CABLES WITH PHONO PLUGS



Phono plug at each end.  
42-2445 3.6m (grey) £1.39  
42-2431 3.6m (white) £1.59  
42-2392 7.3m (grey) £1.79  
42-2430 7.3m (white) £1.79

### Y-STEREO ADAPTOR



£2.19

Record directly from headphone output on receiver. 2m cord, phone plug 2 phono plugs.

42-2474 £2.19

### COILED HEADPHONE EXTENSION CORD



£5.29

Makes it easy to listen to headphones anywhere in the room. 7m shielded cable with stereo plug and jack. 42-2443

£5.29

### GOLD PLATED PATCH CORDS



£4.49

MF-200 Maximum Fidelity. Low capacitance phono plugs for maximum conduction and fidelity. With strain reliefs. 9.9 m cable.

42-2601 £4.49

### SPEAKER EXTENSION CABLE



£3.29

8.30m shielded cable for low signal loss (Ø 1.024 mm). Grey cable with phono plug at each end. 42-2478

£3.29

### 12 METRES STEREO SPEAKER CABLE



£3.29

High quality cable with phono plugs at each end for easy connections. For use with all Realistic receivers and speakers. 42-2432

£3.29

### SPEAKER EXTENSION CABLES



Use for extensions or to move your present speakers. Easy to connect - no soldering. Colour coded.

42-2447 3.6m £1.19  
42-2446 7.3m £1.39

### STEREO HEADPHONE EXTENSION

£4.19



Shielded cable with stereo plug and jack lets you use your headphones anywhere. 42-2442

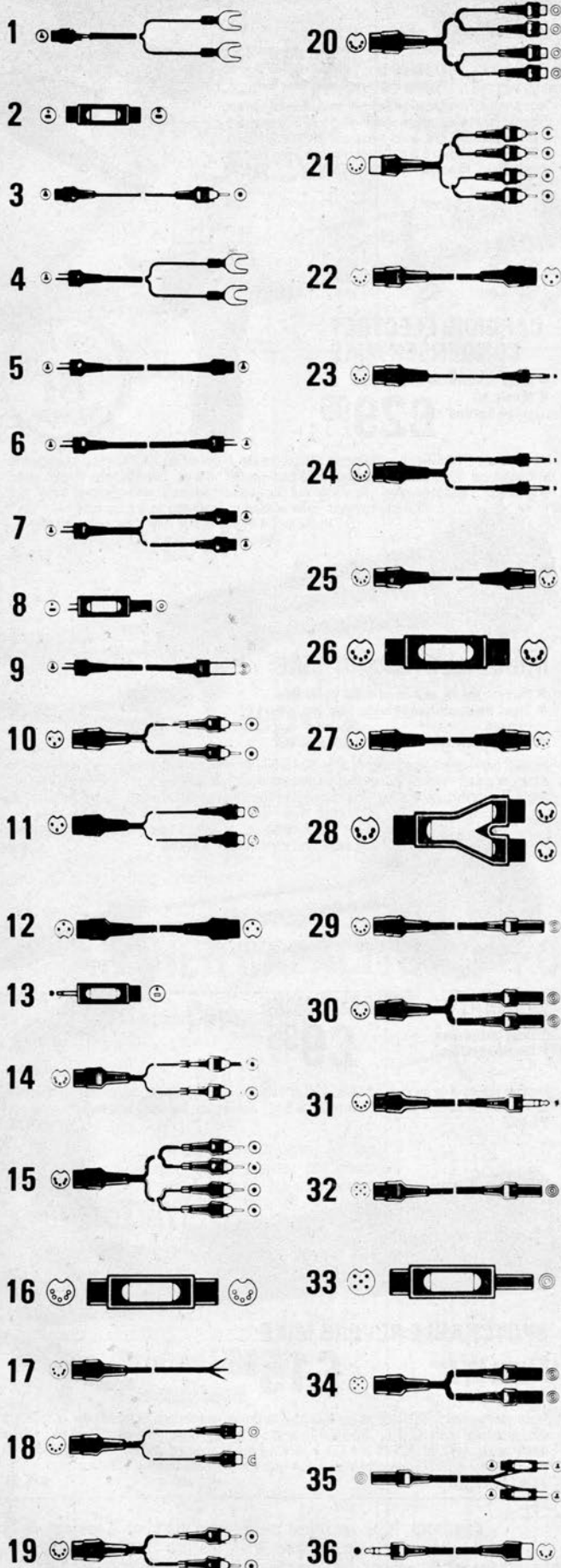
£4.19



# AUDIO CABLE AT TANDY FOR EVERY KIND OF HOOK-UP

## REALISTIC®

- Shielded cables for quick easy connections.
- Unbeatable selection for most purposes.
- Reliable construction for long life and noise free operation.



### SYMBOLS

	1. 3-pin DIN Plug		5. 5-pin 45° DIN Headphones Plug		10. Stereo Phone Jack 6.3 mm
	2. 3-pin DIN Jack		6. 5-pin 45° DIN Headphone Jack		11. Phone Plug 6.3 mm
	3. 5-pin DIN Stereo Plug		7. DIN Speaker Plug		12. Phono Plug
	4. 5-pin DIN Stereo Jack		8. DIN Speaker Jack		13. Phono Jack
			9. Stereo Phone Plug 6.3 mm		14. Miniature Phone Plug 3.5 mm

Cat. No.	Fig.	Description	Length (m)	Price
42-9211	1	DIN speaker jack to 2 x spade terminals	0.15	99p
42-9212	2	DIN speaker jack to DIN speaker jack	Adapt.	99p
42-9213	3	DIN speaker jack to phono plug	0.15	99p
42-9286	4	DIN speaker plug to 2 x spade terminals	5.00	£1.29
42-9287	5	DIN speaker plug to DIN speaker jack	2.50	£1.29
42-9288	5	DIN speaker plug to DIN speaker jack	5.00	£1.49
42-9289	5	DIN speaker plug to DIN speaker jack	7.50	£1.69
42-9290	6	DIN speaker plug to DIN speaker plug	2.50	£1.29
42-9291	6	DIN speaker plug to DIN speaker plug	5.00	£1.49
42-9292	6	DIN speaker plug to DIN speaker plug	7.50	£1.69
42-9221	7	DIN speaker plug to 2 x DIN speaker jacks	0.15	£1.29
42-9222	8	DIN speaker plug to miniature phone jack 3.5 mm	Adapt.	99p
42-9223	9	DIN speaker plug to stereo phone jack 6.3 mm	0.15	£1.59
42-9275	10	3-pin DIN plug to 2 x phono plugs	1.20	£1.79
42-2393	11	3-pin DIN plug to 2 x phono jacks	0.15	£1.79
42-9231	12	3-pin DIN plug to miniature phone plug 3.5 mm	1.20	£1.59
42-9235	13	Miniature phone plug 3.5 mm to DIN speaker jack	Adapt.	99p
42-9236	14	5-pin DIN stereo plug to 2 x phono plugs	0.15	£1.59
42-9237	15	5-pin DIN stereo plug to 4 x phono plugs	0.15	£2.29
42-9240	16	5-pin DIN stereo plug to 5-pin DIN stereo jack	Adapt.	£1.89
42-9241	17	5-pin DIN stereo plug to stripped, tinned ends	1.20	£1.59
42-9243	18	5-pin DIN stereo plug to 2 x phono jacks	0.15	£1.89
42-9244	19	5-pin DIN stereo plug (wired 2/5/3) to 2 x phono plugs	1.20	£1.99
42-9245	19	5-pin DIN stereo plug (wired 1/2/5/3/1) to 2 x phono plugs	1.20	£1.99
42-9246	20	5-pin DIN stereo plug to 4 x phono jacks	0.15	£2.69
42-9247	21	5-pin DIN stereo plug to 4 x phono jacks	1.20	£2.69
42-9248	21	5-pin DIN stereo plug (2 x 470 ohm resistor) to 4 x phono plugs	1.20	£2.99
42-9249	22	5-pin DIN stereo plug to 3-pin DIN plug	1.20	£1.29
42-9250	23	5-pin DIN stereo plug to miniature phone plug 3.5 mm	1.20	£1.29
42-9251	24	5-pin DIN stereo plug to 2 x miniature phone plug 3.5 mm	1.20	£1.99
42-9253	25	5-pin DIN stereo plug to 5-pin DIN stereo jack	1.20	£1.89
42-9254	25	5-pin DIN stereo plug to 5-pin DIN stereo jack	2.50	£2.29
42-9278	26	5-pin DIN stereo plug to 5-pin DIN stereo jack (inverted poles for recording/reproduction)	Adapt.	£1.59
42-9255	27	5-pin DIN stereo plug to 5-pin DIN stereo plug	1.20	£1.89
42-9256	27	5-pin DIN stereo plug to 5-pin DIN stereo plug	2.50	£2.29
42-9257	28	5-pin DIN stereo plug to 2 x 5-pin DIN stereo jacks	Adapt.	£2.29
42-9258	29	5-pin DIN stereo plug to stereo phone jack 6.3 mm	0.15	£1.99
42-9293	30	5-pin DIN stereo plug to 2 x stereo phone jacks 6.3 mm	Adapt.	£2.59
42-9259	31	5-pin DIN stereo plug to stereo phone plug 6.3 mm	1.20	£2.39
42-9265	32	5-pin 45° DIN headphones plug to stereo phone jack 6.3 mm	0.15	£1.89
42-9266	33	5-pin 45° DIN headphones plug to stereo phone jack 6.3 mm	Adapt.	£1.89
42-9267	34	5-pin 45° DIN headphones plug to 2 x stereo phone jacks 6.3 mm	0.15	£2.69
42-9270	35	stereo phone jack 6.3 mm to 2 x DIN speaker plugs	0.15	£1.89
42-9283	36	stereo phone plug 6.3 mm to 5-pin DIN stereo jack	0.15	£1.59

# RECORD AND PERFORM IN FULL STEREO

## "STUDIO-QUALITY" STEREO MIKE



**£29<sup>95</sup>**

- Use it Horizontally or Hang Vertically

Our finest! Unique "back-electret" condenser design. Each element uses a superthin (4-micron) diaphragm for excellent transient response, and both can be rotated for proper position in any recording set-up! Wide 20-20,000 Hz response,  $\pm 5$  dB. Special matrix circuit maintains optimum channel separation. Low frequency contour switch for hand-held and "close-up" use. With vinyl case, 4.88 m cable, two 6.3 mm plugs, stand adapter. Requires 'AA' battery. **33-1085**

**£29.95**

## DUAL PATTERN STEREO MICROPHONE



**£25<sup>95</sup>**

- Expandable Pickup Pattern

Two electret condenser mikes in one! Switch selects "normal" or "wide" stereo image. 30-15,000 Hz response. Mesh windscreen cuts wind noise and protects elements. 3.05 m cord with two 6.3 mm plugs. Includes vinyl case and stand adapter. Requires 'AA' battery. **33-919**

**£25.95**



## ELECTRET CONDENSER MIKE

**£17<sup>50</sup>** • Wide 30-15,000 Hz Frequency Response.

Cardioid pick-up pattern for quality recordings and PA applications. Slip-on windscreen for hand-held vocal use. 600 ohms. With 3.05 m cord, 6.3 mm phone plug, vinyl case, mike stand adapter. Requires 'AA' battery. **33-1045**

**£17.50**



## CARDIOID ELECTRET CONDENSER MIKE

- Ideal for Critical Recordings
- Music or Voice Setting

**£29<sup>95</sup>**

Get professional-sounding results from an affordable mike. Excellent 20-20,000 Hz  $\pm 4$  dB response with superthin 4-micron diaphragm using a "back-electret" design. Low-frequency contour switch helps control "proximity effect" for vocals and close-up use. Balanced low-impedance output with XLR-type connector. Foam windscreen eliminates wind noise and breath "pop". Heavy-duty 4.88 mm cable, vinyl case, and stand adapter. Requires 'AA' battery. **33-1080**

**£29.95**



## SUPER CARDIOID DYNAMIC MICROPHONE

**£14<sup>95</sup>** • Highly Directional • Rejects Unwanted Off-Axis Sounds

Ideal for voice/music sound reinforcement. Tight pattern helps prevent feed-back. On/off switch. Reversible connector for 600 or 50,000 ohms impedance. 80-12,000 Hz response. With cable, screw-on connector, 6.3 mm phone plug, stand adapter. **33-992**

**£14.95**



## HIGHBALL DYNAMIC MIKE

- Perfect for PA and Hand-Held Vocal Use.
- Tight Unidirectional Pickup Pattern
- High or Low Impedance

**£29<sup>95</sup>**

Rugged, high-performance mike has wide 80-15,000 Hz response with emphasis on "presence" for clean, articulate, natural sound. Ball windscreen minimizes breath "pops" and rubber antishock ring withstands rough handling. Unidirectional pattern helps control unwanted sounds and feedback. On/off switch High (10K) and low (600 ohm) impedances with balanced low Z capability. With XLR-type connector, 4.88 mm heavy-duty cable, and stand adapter. **33-984**

**£29.95**



## CARDIOID DYNAMIC MIKE

**£14<sup>95</sup>** • Perfect for Music and Voicel • 100-10,000 Hz response

Great for stage work and budding musicians. Great all round performer at an attractive price. Sensitivity - 65 dB + 3 dB. Output 10 k ohms at 1000 Hz. On/off switch. Mesh screen. Supplied complete with cable phono and floor stand adapter. **33-1053**

**£14.95**



## HIGHBALL-2 DYNAMIC MIKE

- Dual Impedance
- Omnidirectional

**£9<sup>95</sup>**

Features rugged wire mesh windscreen, 250 or 50,000 ohms impedance, 90-11,000 Hz response. Built-in on/off switch. With 4.57 m cable, 6.3 mm phone plug, and stand adapter. **33-985**

**£9.95**



## FEATHERWEIGHT, ULTRA-SLIM OMNI

**£9<sup>95</sup>** • Includes Windscreen and Adjustable Stand • Weighs Only 2.8 Ounces

Electret element exhibits excellent sound characteristics with music and maximum clarity for speech. Wide 20-13,000 Hz response. On/off switch. 600 ohms. 2.74 m cable with 6.3 mm phone plug. Includes battery. **33-1050**

**£9.95**



## SWITCHABLE REVERB MIKE

- Create Your Own Reverb and Echo

**£15<sup>95</sup>**

Make your own exciting sound at the flick of a switch as you perform or record. Use as a superb omnidirectional mike too. Full 200-8000 Hz response. Sensitivity: - 70 dB  $\pm 5$  dB at 1 KHz in reverb mode, - 77 dB  $\pm 5$  dB at 1 KHz in normal mode. Impedance: 700 ohm in reverb mode, 200 ohm in normal mode. Lightweight black finish with 6m cable and standard 6.3 mm plug. **33-9110**

**£15.95**



### Pick up the pattern that suits your needs

**OMNIDIRECTIONAL.** A circular pattern that lets you place a mike almost anywhere in an average size room and get good sound pick up. Ideal for recording family events, meetings, conferences.



**CARDIOID.** Picks up sound mostly from the front. Good pick up on the sides and relatively poor from the rear. Ideal for stage work, music recordings, PA where feed back is a problem.

# LOW-PRICED REPLACEMENT MIKES FOR EVERY USE



## CONDENSER MIKE WITH TIE-CLIP

£6.25

Ultra compact condenser mike lets you move about. Wide frequency response. 600 ohms impedance. With cable, 6.3 mm phone plug and battery. All directional pickup pattern. **33-1058 £6.25**



## MC-1000 MIKE

Ideal for Use with Tape Recorders

£7.95

Pencil-thin and perfect for hand-stand or lavalier use, 10,000 ohms impedance. 150-10,000 Hz response. 1.8 m cable, 6.3 mm phone plug, neck cord and desk stand. **33-990 £7.95**



## GOOSENECK DESK STAND MIKE

£17.25

Cardioid pick-up makes it perfect for on-stage panel discussions or desk-top PA use. Locking push-to-talk button. 600 ohms. 200-10,000 Hz response. Output level: -78 dB. 1.8 m cable, 6.3 mm phone plug. **33-921 £17.25**



## DYNAMIC CARDIOID MIKE

£6.95

Ideal for use with cassette recorders or P.A. Dual connection with mini plug for micro-phone, submini plug for remote on/off. 100-11,000 Hz response, 100 ohm impedance. With desk stand **33-1040 £6.95**



## ELECTRET OMNIDIRECTIONAL MIKE

£4.95

Mini-plug for audio and submini plug for remote on/off control. 20-13,000 Hz response. Includes stand, windscreen, and battery. **33-1060 £4.95**



## DYNAMIC OMNIDIRECTIONAL MIKE

£5.45

Great with cassette recorders. Dual connections - mini and submini jacks. 100-15,000 Hz response. 1000 ohms impedance. Output level: -73 dB. With cable and desk stand. **33-1039 £5.45**



## LOW IMPEDANCE DYNAMIC MIKE

£1.95

Perfect low-price mike for most cassette recorders. Mini plug for audio, submini for on/off switch connection. 200 ohms

impedance. Output level: -77 dB. With mike stand. **33-1054 £1.95**



## LOW IMPEDANCE CASSETTE MIKE

£4.25

Mini-plugs for audio, submini plugs for on/off with cassette recorders featuring remote control jack. 100-15,000 Hz response. 200 ohms. With cord, slip-on desk stand. Fits Realistic CTR series and others. **33-1031 £4.25**



## PENCIL-TYPE DYNAMIC MIKE

£2.95

For voice or music. 150-10,000 Hz response. 200 ohms impedance. Mini plug for audio use and submini for on/off switch connections. Universal connectors. Desk stand. **33-1034 £2.95**

## STEREO DISCO MIXER ADDS LIFE TO ANY PARTY



£39.95

- "Cue" Function Allows Direct Monitoring of Turnable and Tape Inputs

Now you can mix or "seque" two turntables, a tape deck and a stereo mike just like disco and radio station DJ's. Blends music and narration for professional-sounding recordings, too! Five slide-action faders and dual VU meters for precise level control. Magnetic or ceramic phone jacks, headphone cue monitor jack. Frequency response: 20-20,000 Hz. 6.99x26.67x19.05 cm. Requires 4 AA batteries or AC adapter. **32-1100 £39.95**

## 6 RANGE SOUND LEVEL METER



£22.95

- 6 Sound level Ranges from 60 dB to 126 dB
- A and C Weightings to Check Compliance with Safety Regulations
- Electret Condenser Mike Function

Versatile meter measures sound intensity in just about any surroundings - loud or soft, high-pitched, low-pitched or broadbands sounds, intermittent or continuous. Can function as a high-quality electret condenser mike for recording or frequency analysis. Phono-type jack for connection to Hi-Fi or test equipment. Threaded insert attaches meter to camera tripod for added accuracy. Standard 0 dB = 0.0002 µ bar. Distortion less than 2% at 1 kHz. 0.5 V. Impedance ± 10 K ohms min. load. 9 V battery included. **42-3019 £22.95**



## STEREO MIKE MIXER

£9.95

- High Impedance!

Mixes up to 4 mono mikes, or a pair of mikes to each stereo channel. Separate volume controls, phone jack inputs. Uses one 9 V battery. **33-920 £9.95**

# TANDY P.A. AND MICROPHONE ACCESSORIES

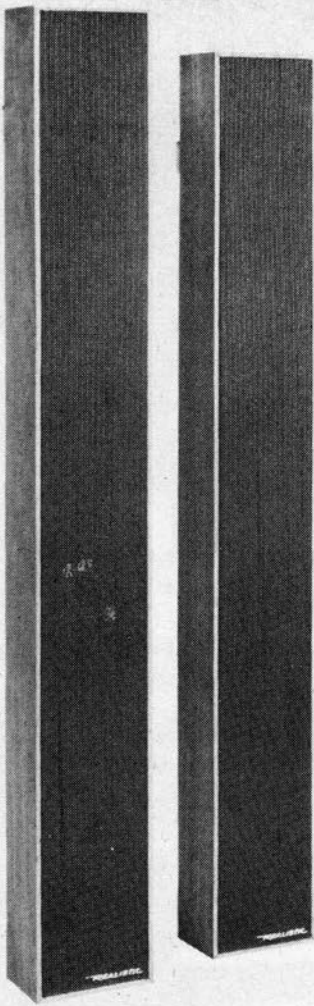
<p><b>A</b> £15<sup>39</sup></p>  <p><b>A. CAST BASE MIKE STAND</b>  <ul style="list-style-type: none"> <li>• Sleek Chrome Finish</li> <li>• "Sure-Grip" Clutch</li> </ul>                     Adjustable from 34" to 62" grip action clutch locks and holds at desired height. Heavy low-profile cast-iron base has rubber feet for placement and use anywhere! Std. 5/8" x 27 thread  <b>33-320 £15.39</b> </p> <p><b>B</b> £15<sup>95</sup></p>  <p><b>B. FOLDING MIKE STAND</b>  <ul style="list-style-type: none"> <li>• Ideal For Portable Use</li> </ul>                     Five chromed legs with protective rubber feet provide maximum stability, fold up for easy portability and storage. Positive action clutch adjusts instantly from 32" to 57". Std. 5/8" x 27 thread.  <b>33-325 £15.95</b> </p> <p><b>C</b> £9.95</p>  <p><b>C. 31" MIKE BOOM ADAPTOR</b>  <ul style="list-style-type: none"> <li>• Chrome Tube with Adjustable Counterweight</li> </ul>                     Standard 5/8" x 27 thread boom attaches to any floor stand. With one-piece universal swivel.  <b>33-344 £9.95</b> </p>	<p><b>FULL 33 cm FLEXIBLE GOOSENECK</b> £2<sup>89</sup></p>  <p>Bends easily in any direction at any angle to give you 33 cm of flexibility. Standard 5/8" x 27 thread. Chrome plated.  <b>33-330 £2.89</b> </p>	<p><b>MIKE STAND ADAPTOR</b> £1<sup>29</sup></p>  <p>Use with any floor stand assembly. High-impact styrene. Standard 5/8" x 27 thread. <b>33-371 £1.29</b></p>	<p><b>5/8" SCREW FLANGE</b> £2<sup>59</sup></p>  <p>Perfect for attaching mike to desk or lectern. 5/8" x 27 outer thread. <b>33-332 £2.59</b></p>
<p><b>MICROPHONE SNAP-ON ACCESSORY</b> £4<sup>95</sup></p>  <p>• Quick snap-on connections                      Snap-on accessory allows microphone to be quickly disconnected from its stand 5/8" x 27 inner and outer thread. Chrome-plated.  <b>33-9106 £4.95</b> </p>	<p><b>PADDED DESK STAND</b> £6<sup>25</sup></p>  <p>Padded bottom and gun-metal finish. 10 cm chrome tube attaches easily. Standard 5/8" x 27 thread. <b>33-370 £6.25</b></p>	<p><b>MIKE STAND THREAD ADAPTOR</b> 59p</p>  <p>Reduction thread for mike stands. Reduction from 5/8" x 27 outer thread to 3/8" inner thread. <b>33-9101 59p</b></p>	<p><b>PERSONAL LISTENING ACCESSORIES</b></p>

## PERSONAL LISTENING ACCESSORIES

<p><b>PILLOW SPEAKER</b> £1<sup>29</sup></p>  <p>• With 1.4 m Cable                      Enjoy radio listening from a speaker beneath your pillow! Compact precision speaker with miniature phone plug.  <b>33-206 £1.29</b> </p>	<p><b>DELUXE PILLOW SPEAKER</b> £3<sup>49</sup></p>  <p>Volume control for restful sound level. Mini phone plug connects to radio or recorder.  <b>33-207 £3.49</b> </p>	<p><b>6 m STEREO HEADPHONE EXTENSION</b> £3<sup>99</sup></p>  <p>Shielded cable with stereo plug and jack lets you use your headphones anywhere.  <b>42-2442 £3.99</b> </p>	<p><b>HEADPHONE HOOK</b> £1<sup>95</sup></p>  <p>A simple and very useful way to keep your headphones within hand-reach. Press it into place wherever you want. Elegant smoke-tint design. <b>33-9104 £1.95</b></p>
<p><b>AMPLIFIER - HEADPHONE COUPLER</b> £1<sup>49</sup></p>  <p>Attaches stereo headphones to any amplifier that doesn't have a jack.  <b>33-1009 £1.49</b> </p>	<p><b>NOVA-FONE EARPHONE SPEAKER</b> £3<sup>85</sup></p>  <p>Completely covers the ear! Dynamic 80 speaker. 30-14,000 Hz. 3.5 mm mini phone plug.  <b>33-1036 £3.85</b> </p>	<p><b>TRANSISTOR EARPHONES</b> 99p</p>  <p>Designed for portable recorders and radios.  <b>33-174 with 2.5 mm plug. 49p</b>  <b>33-175 with 3.5 mm plug. 59p</b> </p>	<p><b>6 m EARPHONE EXTENSION</b> 99p</p>  <p>3.5 mm miniature jack and plug for transistor radios, etc.  <b>33-176 99p</b> </p>
<p><b>HEADPHONE "Y" ADAPTOR</b> £3<sup>29</sup></p>  <p>Connects 2 sets of headphones to one stereo headphone jack. 3-conductor phone plug connected to 2-3 conductor jacks.  <b>42-2448 £3.29</b> </p>	<p><b>Y-STEREO ADAPTOR</b> £2<sup>29</sup></p>  <p>Record directly from headphone output on receiver 2 m cord, phone plug, 2 phono plugs.  <b>42-2474 £2.29</b> </p>	<p><b>GOLD-PLATED PATCH CORDS</b> £4<sup>49</sup></p>  <p><b>MF-200</b> Maximum Fidelity. Low-capacitance phono plugs for maximum conductance and fidelity. With strain reliefs. 39" long. <b>42-2601 £4.49</b></p>	<p><b>PHONES/SPEAKER ADAPTOR</b> £4<sup>95</sup></p>  <p>Allows you to listen to two headphones, two speakers or to both at the same time. with DIN speaker plugs.  <b>33-9103 £4.95</b> </p>

FOR A FULL RANGE OF CABLES AND ADAPTORS SEE PAGES 32 & 33

# REALISTIC MULTI-PURPOSE SPEAKERS AND POWERHORNS



## 6 SPEAKER PA COLUMN

- Big 50 Watt Handling Capacity
- Easy 'Hook-Up'

**£79<sup>95</sup>** EACH

Ideal for any event. Use as many as you need for large meeting halls and auditoriums. Six speakers deliver a full 100-20,000 Hz response—enough for most PA applications. Proper placement directs sound away from microphone and eliminates most feedback. Rugged construction assures years of reliable use. 100 volt line input. Size: 1010 x 130 x 90 mm.

40-9169 EACH **£79.95**

## HIGH-POWER PORTABLE SOUND COLUMN

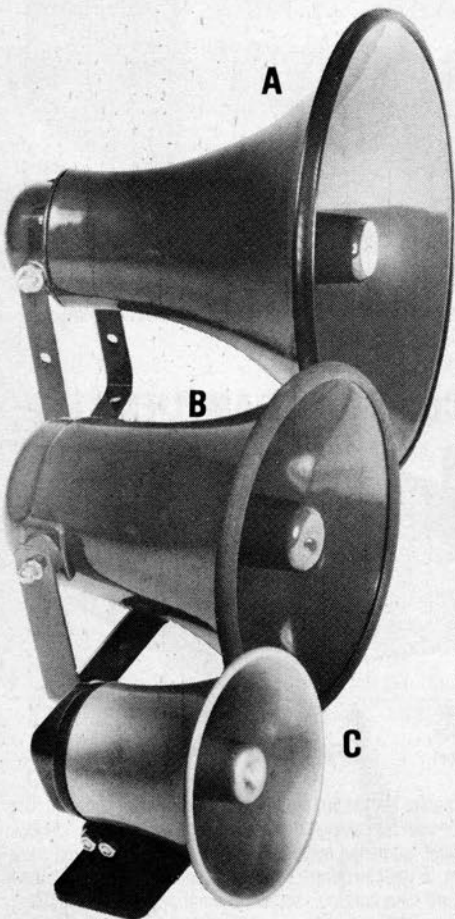
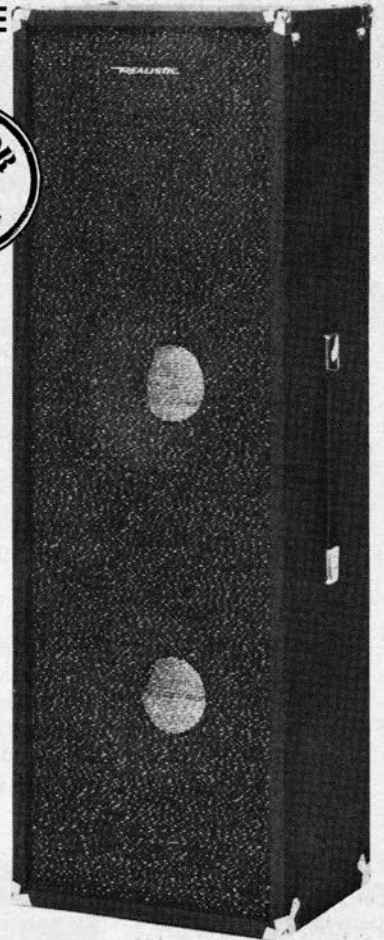
- 75 Watts Power Handling
- Solid State Piezo Tweeter



**£59<sup>95</sup>** EACH

**REALISTIC PA-88.** Designed for "natural" sound reinforcement! The controlled 130° sound dispersion maximizes the coverage pattern and makes mike placement easier by minimizing feedback. Wide 95-18,000 Hz response, high efficiency design. Rugged black vinyl enclosure—with heavy-duty carrying handle and protective metal corners—is compact enough to carry in a car. Has 0.63 cm jack, 2 push-terminals for easy hook-up. 8 ohms. Size: 76.2 x 25.4 x 17.28 cm.

40-1257 EACH **£59.95**



## ALL PURPOSE WEATHERPROOF POWER HORNS

- Clear Reproduction
- Shock and Rust Resistant

**£39<sup>95</sup>**

**A. PA-12**  
30.4 cm PA-12. 25 watts (40 watts peak), 200-13,000 Hz. 8 ohms.  
40-1238 **£39.95**

**£24<sup>95</sup>**

**B. PA-8**  
20 cm. PA-8. 15 watts (25 watts peak), 200-13,000 Hz. 8 ohms.  
40-1237 **£24.95**

**£12<sup>95</sup>**

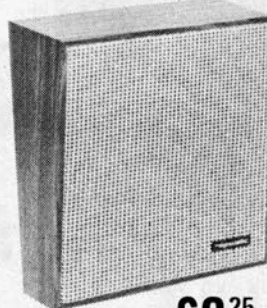
**C. PA-5**  
12.7 cm. PA-5. 8 watts (12 watts peak), 200-13,000 Hz. 8 ohms.  
40-1236 **£12.95**

## HAND-HELD MEGAPHONE

- Trigger-Type On/Off Switch
- A portable PA system ideal for sporting events, picnics, rallies. Pistol grip handle with convenient thumbwheel volume control. Durable molded housing. Requires 8 "AA" batteries.

32-2025 **£24.95**

**£24<sup>95</sup>**



**£9<sup>25</sup>**

## BAFFLE SPEAKER

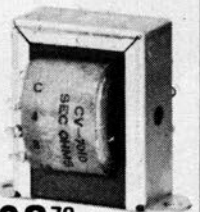
20 cm Speaker with wide frequency response. Ideal extension speaker for your stereo system. With volume control. 8 ohms.  
40-219



**£7<sup>95</sup>**

## 10 cm POWER HORN

Waterproof full-fidelity speaker. Mounting bracket installs at any angle. 8 ohms. Buy two for big stereo sound on your patio! 40-1244 **£7.95**



**£2<sup>79</sup>**

## 70 V LINE TRANSFORMER

10 watt primary. Taps at 10, 5, 2.5, 1.25, 0.62 watts secondary. 4 to 8 ohms. 32-1031 **£2.79**

# REALISTIC PA AMPLIFIERS - BEST COVERAGE YOU CAN BUY

## TOP OF THE LINE 80-WATT PA AMPLIFIER

NEW FOR  
**81**  
TANDY



- 6.3 mm and XLR Connectors for Balanced Mikes.
- Mix Bus Jack to Stack Extra Amps.
- In/Out Jacks for EQ, Reverb.

**£139<sup>95</sup>**

**REALISTIC MPA-80.** Eighty watts of pure power plus the portability you need in a professional PA system. Great for "live" bands, background music or discos. Slide-action controls. Four mike inputs. High-level aux input. Two magnetic phone inputs let you mix and fade two turntables. Monitor selector for listening to input or output through headphones. Master volume control with memory ring. Lighted power meter and LED indicator. Bypass switch

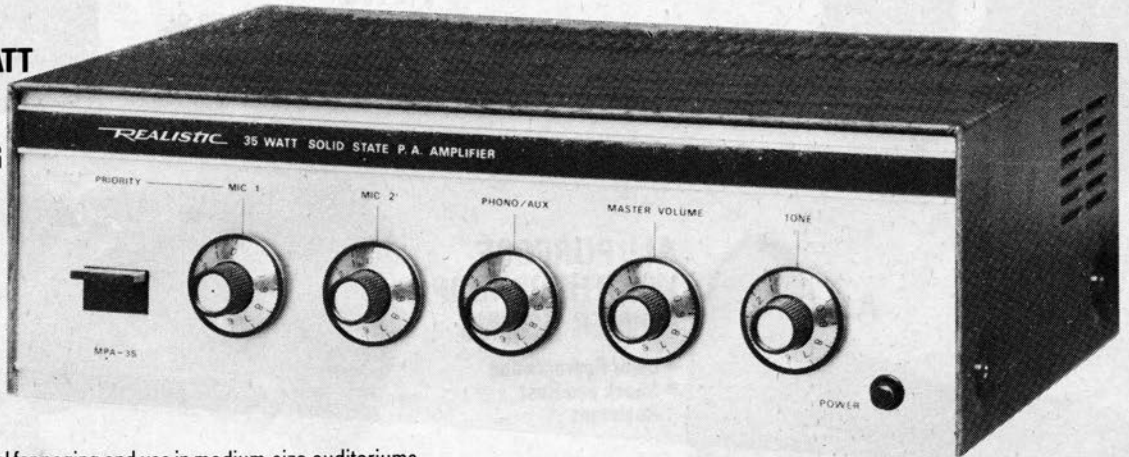
for external signal processor such as equalizer, reverb or limiter. Overload protected. **32-2026** **£139.95**

**Specifications:**  
**Response:** 30-20,000 Hz. **Power:** 80 watts RMS at 4 ohms. **Outputs:** mix bus, EQ in/out, push-to-connect speaker terminals, two 6.3 mm speaker jacks, 6.3 mm headphone jack. **Power Requirement:** 240 VAC, 200W. **Size:** 10.09 x 36.83 x 26.67 cm.

## FULL-FEATURE 35-WATT PA AMPLIFIER WITH PRIORITY SWITCH FOR INSTANT PAGING

**£79<sup>95</sup>**

- Built-in Pre-amp for Magnetic Phono Cartridges.
- Constant-Voltage Output.



**REALISTIC MPA-35.** Ideal for paging and use in medium-size auditoriums and churches. Mixing inputs for Mike-1, Mike-2, and phono/aux. Master volume and tone controls. Priority switch for Mike-1 over-rides all other inputs for instant paging. Pushbutton on-off switch lights up when power is "on". Metal case, simulated walnut grain finish. **32-2022** **£79.95**

**Specification**  
**Response:** 150-12,000 Hz. **Power:** 35 watts RMS at 8 ohms. **Outputs:** 4, 8, 16-ohm speakers, 25 and 70V line. **Power Requirement:** 240VAC, 95 120W. **Size:** 10.80 x 27.94 x 21.59 cm.

## 20-WATT AC/MOBILE PA AMPLIFIER



Includes D.C. Power Lead.

**£54<sup>95</sup>**

- Inputs for Mike/ and Phono/Aux.

**REALISTIC MPA-20.** Use it anywhere! Features three mixing controls: 2 microphone and dual-function phono/aux. Master tone and volume controls help control feedback. Lighted power on/off switch. Metal case. Includes mobile mounting bracket. **32-2020** **£54.95**  
**Specification**  
**Response:** 200-10,000 Hz. **Power:** 20 watts RMS at 8 ohms. **Outputs:** 4, 8, 16-ohm speakers, 70V line. **Power Requirement:** 240V, 40W/12VDC, 3.5A. **Size:** 11.43 x 26.67 x 19.05 cm.

## LOW COST MOBILE AMPLIFIER



- Dynamic Mike Included!
- Auxiliary Input for Tuner, Phone or Tape Recorder!

**£29<sup>95</sup>**

**REALISTIC MPA-10.** Ideal for almost any mobile public address application. Use it in your car, lorry, camper or boat for paging or announcing or for background music wherever loud and clear sound is needed over a medium size area. Features push-button mike and aux selectors, or you can depress both and override the auxiliary input for paging. On/off volume and tone controls, screw terminal speaker connections. Output for 4 or 8 ohms. 10 watts RMS at 8 ohms. For 12V DC pos/neg earth. Supplied with mounting bracket, mike and mike clip. 380 x 105 x 165 mm. **32-2019** **£29.95**

# MONEY SAVING PA SYSTEMS

**INDOOR, OUTDOOR AND DISCO!  
80 WATT CLUB SYSTEM  
SAVE £42.09**

MPA-80 Amplifier.  
Four PA-88 Portable Column Speakers  
Mike Stand with Base.  
Highball Unidirectional Mike.

**BUY THE COMPLETE PACKAGE FOR**  
**£383**

Items Sold Separately for £425.09



**DELUXE 80 WATT 4 COLUMN DISCO SYSTEM**

**SAVE £72.40**

**COMPLETE**  
**£649**

MPA-80 Amplifier  
Four PA 88 Column Speakers  
Two LAB 270 Belt Drive Turntables  
10 Band Graphic Frequency Equalizer  
Deluxe Folding Mike stand and Microphone boom  
Highball Unidirectional Mike and PRO 20 Headphones for signal monitoring and PRO 20 Headphones for signal monitoring and cueing.

Items Sold Separately **£721.40**

BUY THE COMPLETE PACKAGE FOR **£220**



**4 COLUMN INDOOR SYSTEM  
SAVE £49.09**

MPA-80 Amplifier.  
Four 6 Speaker Portable Column Speakers.  
Mike Stand with Base.  
Highball Unidirectional Mike.

Items Sold Separately for **£485.09**

**BUY THE COMPLETE PACKAGE FOR**  
**£436**



**ATHLETIC-ANNOUNCER'S SYSTEM**

**SAVE £32.65**

MPA-80 Amplifier.  
Four Power Horn Speakers. Mike Stand with Base. Dynamic Cardioid Mike.

Items Sold Separately for **£245.19**

**BUY THE COMPLETE PACKAGE FOR**  
**£220**



**"ENTERTAINERS" PORTABLE  
SAVE £25.19**

MPA-35 Amplifier.  
Two PA-88 Portable Column Speakers. Mike Stand with Base. Highball Unidirectional Mike.

Items Sold Separately for **£245.19**

**BUY THE COMPLETE PACKAGE FOR**  
**£220**



**"COMPACT" INDOOR SYSTEM  
SAVE £30.75**

MPA-35 Amplifier.  
Two 6 Speaker Portable Column Speakers.  
Mike Stand with Base. Highball Unidirectional Mike.

Items Sold Separately for **£265.75**

**BUY THE COMPLETE PACKAGE FOR**  
**£239**



**"BUDGET" OUTDOOR SYSTEM  
SAVE £15.75**

MPA-35 Amplifier.  
Two Power Horn Speakers. Mike Stand with Base. Dynamic Cardioid Mike.

Items Sold Separately for **£152.75**

**BUY THE COMPLETE PACKAGE FOR**  
**£137**



**THE "ANYWHERE" SYSTEM**

**SAVE £14.24**

MPA-20 AC/12V DC Amplifier. PA-88 Portable Column Speaker. Mike Stand with Base. Highball Unidirectional Mike.

Items Sold Separately for **£140.24**

**BUY THE COMPLETE PACKAGE FOR**  
**£126**



**"LOW COST" PAGING SYSTEM  
SAVE £9.90**

MPA-20 AC/12V DC Amplifier.  
Four 20.32 cm Wall Baffle Speakers.  
Dynamic Cardioid Mike.

Items Sold Separately for **£98.90**

**BUY THE COMPLETE PACKAGE FOR**  
**£89**



**MPA-10 SYSTEM  
SAVE £5.45**

MPA-10 Amplifier. (Includes Mike).  
Two Wall Baffle Speakers.

Items Sold Separately for **£48.45**

**BUY THE COMPLETE PACKAGE FOR**  
**£43**



**2 SPEAKER OUTDOOR SYSTEM  
SAVE £5.85**

MPA-10 Amplifier. (Includes Mike).  
Two Power Horn Speakers

Items Sold Separately for **£55.85**

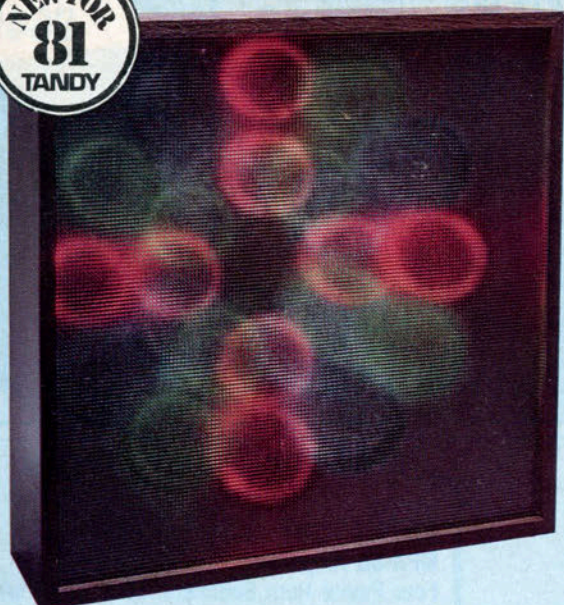
**BUY THE COMPLETE PACKAGE FOR**  
**£50**



Realistic P.A. for the best sound coverage

# LET TANDY TURN YOUR NEXT PARTY INTO A SUCCESS

NEW FOR  
**81**  
TANDY



## CARTWHEEL SPINNER LIGHT

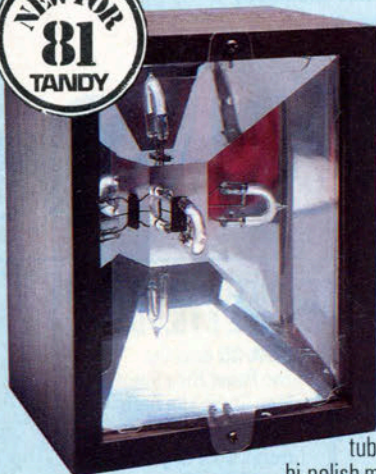
**£64<sup>95</sup>**

- Use at home or with a mobile disco
- Lights respond to sound intensity
- Instant installation – just plugs in

The cartwheel responds to sound in a fascinating display of modulated colour. Three channels of light spin in rotation to varying sound intensities, enjoy with music at home or use in mobile disco units or bands. Walnut grain case. **42-9321** **£64.95**

Available November 30, 1980

NEW FOR  
**81**  
TANDY



## BRILLIANT XENON STROBE LIGHT

**£26<sup>95</sup>**

- High performance Xenon tube
- Incredible stop action effects

Produces brilliant stop action effects with high performance xenon tube backed with a quadrangle hi-polish metallized reflector. Tube has been tested to 24,000,000 flashes with a variable speed control. Scratch control one to twelve flashes per second sensitivity. Walnut finished case. **42-3009** **£26.95**

Available  
October 31,  
1980

NEW FOR  
**81**  
TANDY



## PLAID STEREOLITE

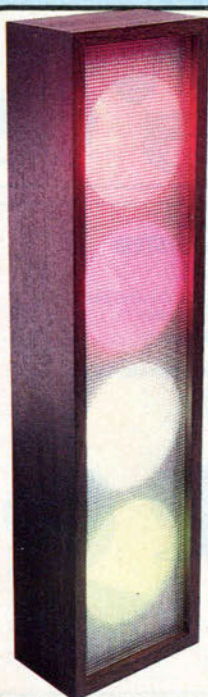
**£44<sup>95</sup>**

- Just plug it in to operate
- Walnut finished case

Our plaid stereolite projects brilliantly coloured light patterns to sound with a bi-level positive/negative response to your stereo, radio or tape deck. No additional installation is required with our very sensitive self-adjusting microphone system. De-luxe walnut finished case. **42-9320** **£44.95**

Available October 31, 1980

NEW FOR  
**81**  
TANDY



## SEQUETIA CHASE LITE COLUMN

**£39<sup>95</sup>**

- Infinitely adjustable flash rate
- Use with mobile disco, with bands or at home

Hand set the speed flash rate on four colour chase column for the right visual effect. Infinitely adjustable rate from full stop to faster than the human eye can follow. Turns any party into an event, use also for mobile discos and bands. Walnut finished case. **42-9323** **£39.95**

Available October 31, 1980

NEW FOR  
**81**  
TANDY



## DANCE MACHINE WITH RED BASE

**£9<sup>95</sup>**

- Adds excitement to any party
- Strong moulded construction

Popular party light with a crystalline multi-G scratch Multi-faceted globe creates constantly changing spectrums of coloured light on the walls and ceiling. Moulded construction with heat activated revolving inner cylinder. **42-9322** **£9.95**

Available October 31, 1980



TANDY – THE HOME ENTERTAINMENT CENTRE

# LW-MW-FM STEREO MUSIC CENTRE

£349<sup>95</sup>



\*Dolby is the trademark of Dolby Laboratories Inc.

## REALISTIC CLARINETTE-600

A superb sounding, high powered music system with a host of features. Make top-quality recordings off the air or live with a microphone. Front-loading cassette deck has Auto-Stop, Dolby\* and a tape selector switch for Cr02, Ferrichrome and Standard tape. Tape counter, pause control and front panel mike jacks. Damped cassette door for easier tape loading and unloading. The two speed belt drive turntable features a counterbalanced, lightweight "S" shaped tone arm which returns to rest automatically when record finishes. Anti-skate control and viscous damped cueing arm. The headshell is complete with magnetic cartridge and diamond stylus valued at over £20.00. The LW-MW-FM stereo tuner has switchable AFC, tuning strength meter, stereo indicator light, push-button waveband selector and illuminated slide-rule dial. The amplifier delivers a big 2 x 20 watts output power at less than 1% THD at 8 ohms. Front panel controls for treble, bass, balance and detented volume control. Pushbutton loudness for improved bass response at low volume. Microphone and headphone jacks. Terminals for external AM/FM aerials Din tape and speaker jacks. Sliding AM-Beat switch. Housed in a walnut wood-grained cabinet with brushed aluminium front panel and hinged dust cover. 13-9140

£349.95

### Specifications

**AMPLIFIER** – Output Power: 20 Watts RMS per Channel. Total Harmonic Distortion: Less than 1%. Frequency Response 40-20,000 Hz. **TUNER** – 3 bands. MW 525-1605 KHz; FM 88-108 MHz; LW 150-300 KHz. **TURNTABLE** – Belt Drive: Two Speeds, 33 $\frac{1}{3}$  and 45 RPM. **Wow and Flutter:** 0.15% (WRMS). Stylus Pressure (with cartridge supplied): 2 grams  $\pm$  0.5 gram. **CASSETTE DECK** – 4 Track, 2 channel stereo. **Wow and Flutter:** Less than 0.15% (WRMS). **Signal-to-Noise Ratio (Cr02 with Dolby on):** 56 dB. **Frequency Response:** 63-12,500 Hz  $\pm$  3 dB. **Channel Separation:** 30 dB. **DIMENSIONS** – (Clarinette-600: 610 x 400 x 210 mm. **POWER REQUIREMENTS:** 220/240V AC 50 Hz.

## SAVE WHEN YOU BUY A COMPLETE SYSTEM

### CHOICE 1

MC-2200. High efficiency 2-way Speakers. £44.95 each

SAVE £70.85



Special System Price

£369

Items Bought Separately £439.85

### CHOICE 2

OPTIMUS II. Compact 2-way Bookshelf Speaker. £59.95 each

SAVE £70.85



Special System Price

£399

Items Bought Separately £469.85

# THE STEREO COMPACTS WITH BIG SOUND FROM TANDY

## COMPLETE "WITH" HOME ENTERTAINMENT CENTRE

# £299<sup>95</sup>

- Deluxe Belt Drive Turntable
- 2 x 25 Watts Output Power
- Two Deluxe 3 Way Speakers
- Dolby NR Cassette Deck



**50 W  
MUSIC POWER**

**Specifications:** Amplifier: 2 x 25 watts music power at 8 ohms. Tuner: LW 140-270 kHz. MW 510-1620 kHz. FM 87.5-108 MHz. Cassette Deck: 4-track, 2 channel stereo. Frequency response: 40-14500 Hz signal to noise ratio 56 dB. Power Requirements: 220/240 V AC 50 Hz.

**REALISTIC CLARINETTE 400.** The quality of component audio in one versatile, compact hi-fi system. Play or record tapes, listen to LW, MW and VHF stereo or enjoy your favourite records – 2 speed belt-drive record deck features damped cueing, adjustable anti-skate and lightweight tone-arm complete with magnetic cartridge. The 3-band tuner has giant illuminated tuning scale, signal strength meter, stereo indicator and four preset station pushbuttons. The Dolby cassette deck features bias selector for optimum results from CrO<sub>2</sub>, Fe Cr and standard tape, twin VU's and record level controls, auto-stop, digital tape counter. Pushbutton waveband and function selectors, calibrated volume, balance, bass and treble controls, DIN headphone and microphone sockets. 25 watts per channel output. Complete with two de-luxe 3-way speaker systems in matching moulded cabinets. Jacks for adding the extra speakers. **13-9139 £299.95**



**ADJUSTABLE  
MUSIC CENTRE  
STAND**

**£18<sup>95</sup>**

● Adjusts from 51.44 cm to 93.98 cm  
Finished in matt black, has neoprene covered supports to prevent movement, castors for ease of movement. **40-9180 £18.95**



**LOW LINE STORAGE  
CABINET**

**£49<sup>95</sup>**

Compact and stylish low line cabinet. Features 2 fully adjustable shelves for record storage. Cassette drawer holds 28 tapes. **42-9312 £49.95**



# POPULAR PRICED STEREO COMPACTS FROM TANDY

## DELUXE STEREO COMPACT SYSTEM

£89<sup>95</sup>

- Lightweight, counterbalanced S-Shaped Tone Arm
- Facilities for Tape and Headphones
- Deluxe Single Play Turntable

**CLARINETTE 10A.** Low-profile design makes this truly a "compact" — but the sound is superb. The 2 speed turntable is complete with diamond stylus ceramic cartridge, lightweight tone-arm with cueing lever. The control panel features pushbutton on/off, sliding controls for volume, balance and tone, plus headphone jack and power indicator. Solid wood cabinetry stylishly finished in Teak vinyl veneer, and complete with hinged dust cover. 220/240 V AC. Speakers 235 × 733 × 340 mm. Console 498 × 358 × 135 mm. **13-9026**

£89.95



## BARGAIN COMPACT AUDIO SYSTEM

£69<sup>95</sup>

- Removable Dust Cover
- Headphone Jack for Private Listening

**CLARINETTE 8A.** A great low cost audio system! Features an autochange deck with ceramic cartridge. Controls for on/off tone, volume/balance for left and right channels, plus headphone jack. Great stereo at a great low Tandy price! **13-9027**

£69.95

## COMPACT HIGH PERFORMANCE CASSETTE STEREO SYSTEM

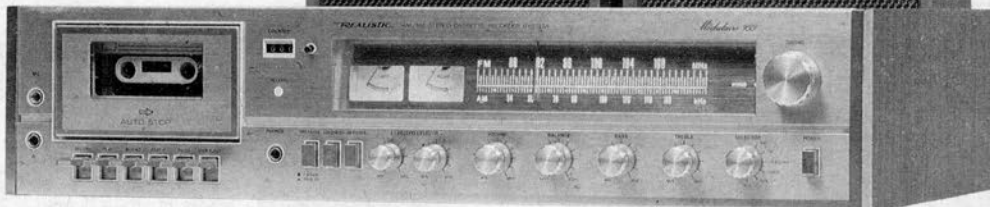
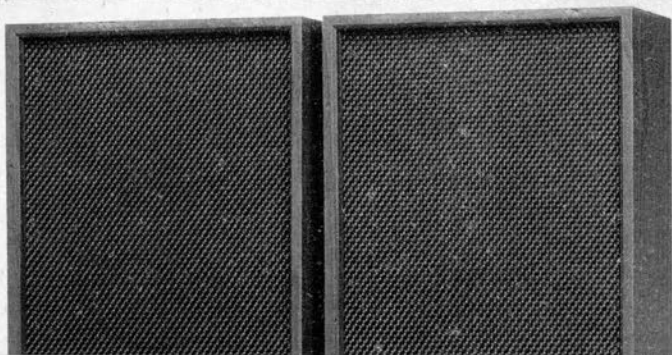
- 2 Band MW/VHF Reception
- Records and Plays Cassettes
- Add your own voice to tapes as you record them
- Input for Ceramic-Cartridge
- Record Deck

£149<sup>95</sup>

**REALISTIC MODULAIRE 959.** Play pre-recorded stereo cassettes or record your own, off air, from external sources or from stereo microphone jacks. Built-in counter and Auto-Stop. Tuner has lighted dial, FM stereo indicator, switchable loudness, high filter, speaker selector and headphone jack. Separate bass, treble controls and aux input for adding a record changer. Facility for adding two extra speakers. Attractive walnut vinyl veneer cabinet. Cassette unit: 580 × 320 × 730 mm. Speakers: 355 × 240 × 115 mm.

14-652

£149.95



### ADD A TURNTABLE AND COMPLETE THE SYSTEM



Illuminated VU Meters



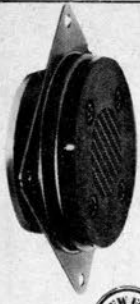
Front loading mechanism with drop-in cassette



Lever-switch tape controls

# REALISTIC HI-FI SPEAKERS – BEST VALUE IN CUSTOM-BUILT SYSTEMS

## TWEETERS



**£9<sup>95</sup>**  
A

**A. HIGH DOME TWEETER.** Top quality tweeter for high frequencies (800 to 20,000 Hz). Can be used with midrange systems and woofers featured on this page for music power ratings up to 75 watts. Magnetic core: 25 mm Ø. Induction: 12,000 Gauss. Impedance: 8 ohms. 95 x 95 mm high. **40-9130 £9.95**



**£5<sup>49</sup>**  
B

**B. SOFT DOME TWEETER.** 4,000-20,000 Hz. 50 watts, 25 mm textile dome with 4/u.f. crossover capacitor included. **40-1283 £5.49**



**£6<sup>49</sup>**  
C

**C. HIGH-FREQUENCY DOME TWEETER.** Dome shaped diaphragm assures wide dispersion. Delivers 6-20 kHz response. Handles 40 watts. Efficient 170 g magnet. 8 ohms. 32 x 86 x 86 mm. **40-1276 £6.49**



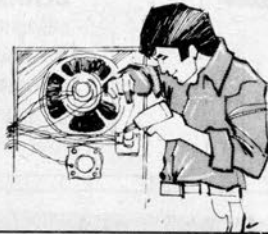
**£11<sup>95</sup>**  
D

**D. HIGH-QUALITY.** 8-14 kHz response. 30 watt. Impedance 8 ohms. Horns opening: 75 x 268 mm. depth: 196 mm. **40-1279 £11.95**



**£8<sup>49</sup>**  
E

**E. HORN TWEETER.** 4-16 kHz response. Electronic crossover. 30 watts. 8 ohms. 185 x 75 x 160 mm. **40-1228 £8.49**



## PIEZO SUPER TWEETER

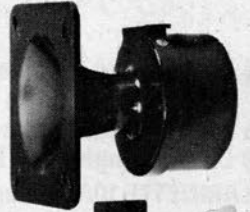
**A. PIEZO SUPER TWEETER.** Enhance your stereo! Solid-state, burnout proof design—no voice coil, no crossover needed. 5000-27,000 Hz 96 dB 75-watt capacity. **40-1380 £8.49**



**£8<sup>49</sup> £13<sup>25</sup>**  
A B

**B. SUPER TWEETER.** 50 watts. Frequency 5-40 kHz. Attenuation 12 dB/octave below 5 kHz. 99.1 g magnet. Impedance 8 ohms. Built-in crossover network. **40-1310 £13.25**

**F. LOW COS HORN TWEETER.** 30 watts. Frequency: 4-16 kHz. 8 ohms. Front frame size: 87 x 87 mm. Depth: 78 mm. **40-1278 £4.29**



**£4<sup>29</sup>**  
F

**G. HEAVY-DUTY HORN TWEETER.** 8-18 kHz response. 40 watts. 85 mm magnet and 25 mm voice coil. Electronic crossover. 8 ohms. 87 x 72 x 69 mm. **40-1277 £4.29**



**£4<sup>29</sup>**  
G

**H. CONE TWEETER.** 500-20,000 Hz. Handles 50 watts program. 57.8 gram magnet. Crossover included. For 2 or 3 way speakers. **40-1270 £2.95**



**£2<sup>95</sup>**  
H

**I. PIEZO SUPER HORN.** Ideal for high performance systems. Frequency Range 5-25 kHz with 75 watt maximum power handling capacity. **40-1381 £7.49**



**£7<sup>49</sup>**  
I

**J. PIEZO WITH DOME.** Uses a solid state driver element. Frequency Range 4-20 kHz. Maximum power handling capacity 75 watts. **40-1382 £4.59**



**£4<sup>59</sup>**  
J

## DYNAMIC 15.24 cm MIDRANGE

• 600-15,000 Hz Response

Midrange with a wide 1.5-8 kHz frequency response. Handles 15 watts. Foam surround. 3 oz magnet with 1.90 cm voice coil. Multiple application 8 ohms. **40-1005 £6.95**

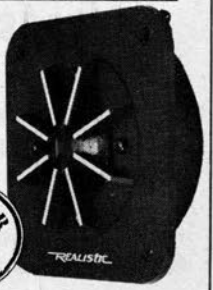


**£6<sup>95</sup>**  
E

## SOFT DOME MIDRANGE

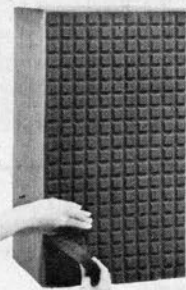
• Features 10.8 oz Magnet

Soft Dome Midrange. Frequency Response of 600-8,500 Hz. Professionally engineered with 10.8 oz magnet and 1 1/2" voice coil. Handles 70 watts. High angle cloth dome construction. **40-1281 £8.95**



**£8<sup>95</sup>**  
F

## SCULPTURED FOAM SPEAKER GRILLE



An easy way to improve the looks of your speakers. Acoustically transparent. Velcro strip-fastening makes it a breeze to attach. Large 43.18 x 59.69 x 1.90 cm sheet of foam will cut down to your speaker size. **Brown 40-1946 £5.95**  
**Black 40-1951 £5.95**

Speaker Kit. Includes woofer, midrange and tweeter Speaker terminals and crossover unit. **40-3025 £39.95**

**ACCESSORIES FOR THE DIY AUDIO FAN**

**£39<sup>95</sup>**



## SPEAKER GRILLE CLOTH

As Low As **£3.69**  
"Acoustically transparent" weave allows unrestricted passage of sound waves.

Cat. No.	Colour	Size	Price
40-1935	Deluxe Black	91.44 x 91.44 cm	<b>£4.79</b>
40-1936	Deluxe Brown	91.44 x 91.44 cm	<b>£4.79</b>
40-1949	Basket Weave	91.44 x 81.28 cm	<b>£3.69</b>
40-1933	Black	91.44 x 81.28 cm	<b>£4.65</b>



## ACOUSTIC INSULATION

Prevents resonances and gives better bass response. Line changer to reduce feedback. **84 cm<sup>2</sup>. 42-1082 £3.39**

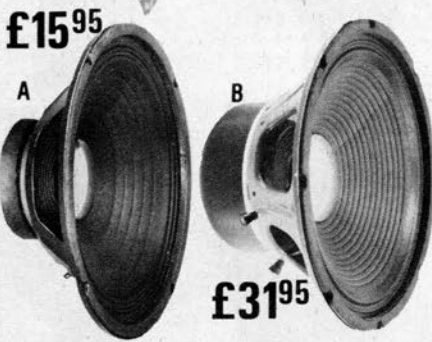
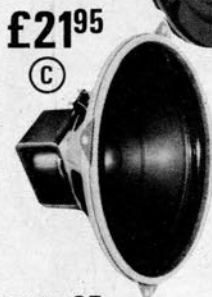
Tandy. The Audio Store That Has Everything

# REALISTIC HI-FI SPEAKERS BEST VALUE FOR CUSTOM-BUILT SYSTEM

## HIGH QUALITY WOOFER SYSTEMS

The Speakers below all feature:

- Distortion-free bass reproduction!
- Low inherent bass resonance!
- Good transient response even with heavy damping!



### (A) ● 30 watts nominal power (DIN)

A quality speaker at a reasonable price with 40 watts peak power. Frequency range: 45-7,000 Hz. Recommended for 20/25 litres cabinet volume. Resonance frequency: 40 Hz. Impedance: 8 ohms. Magnetic core: 25 mm. 170 mm diameter x 114 mm high. **40-9134 £14.95**

### (B) ● 50 watts nominal power

Magnet weight 454 g. Resonance frequency 34 Hz. Response 90-3,000 Hz. 203 mm diameter. Recommended crossover 2,500 Hz. SPL (dB) 82. **40-1006 £11.95**

### (C) ● 50 watts nominal power (DIN)

With special long life magnetic core of 31 mm. Peak power rating: 70 watts. 30-5,000 Hz response. Resonance frequency: 23 Hz. Impedance: 8 ohms. Features moving coils for improved power handling. Weight 1.8 kg. 245 mm diameter x 141 mm high. **40-9138 £21.95**

### (D) ● 50 watts nominal power

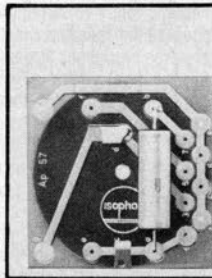
304 mm diameter. Magnet 16 oz. Resonance frequency 14 Hz. Response 22-550 Hz. Recommended crossover 500 Hz. SPL (dB) 77.5. **40-1007 £21.95**

### (E) ● 75 watts nominal power

380 mm diameter. Magnet weight 578 g. Resonance frequency 18 Hz. Response 22-550 Hz. Recommended crossover 550 Hz. SPL (dB) 77.5 weight. **40-1008 £29.95**



## HI-FI MODULE CROSSOVER NETWORKS

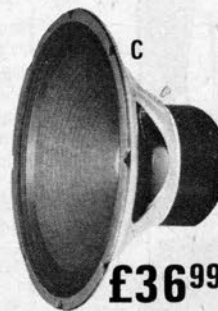


### ● For 2-way Hi-Fi speaker systems!

Frequency division at 4 ohms: 3,000 Hz. At 8 ohms: 1,500 Hz. **40-9141 £7.99**

### ● For 3-way Hi-Fi speaker systems!

Frequency division at 4 ohms: 1,000/6,000 Hz. At 8 ohms: 500/3,000 Hz. **40-9142 £12.49**



**A.** 250 mm 40-Watt. Super-power lead guitar speaker. Powerful 450 g magnet, 32 mm voice coil, fracture and burnout resistant, reinforced cone edges. Free air resonance. 90 Hz. 8 ohms. **40-1004 £15.95**

**B.** 305 mm 85-Watt. Rugged 50 mm voice coil and massive 850 g magnet structure for high sound level output. Phase-coded solderless terminals. Free air resonance. 55 Hz. 8 ohms. **40-1314 £31.95**

**C.** 380 mm 100-Watt. Massive 1135 g ceramic magnet and 50 mm voice coil with multi-strand flexible leads anchored to cone. Resists fracture and burnout! Phase-coded solderless terminals. Free air resonance. 45 Hz. 8 ohms. **40-1315 £36.99**

**D.** Size: 20.32 cm. Power (watts): 30. Free-Air Resonance: 105 Hz. Freq. Resp. (Hz): 105-8K. Magnet Wt (oz): 9.40. SPL (dB): 93. **40-1316 £9.95**

127 mm Speaker, 10 Watts

127 mm Speaker, 18 Watts

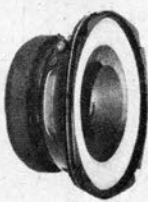
203 mm Speaker, 33 Watts

127 mm Speaker, 25 Watts

5-10 nominal watts power



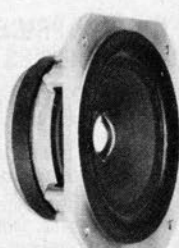
£3.99



£9.95



£12.39



£13.25



£3.95

70-15,000 Hz response. 10 watt capacity. 8 ohms. **40-1909\* £3.99**

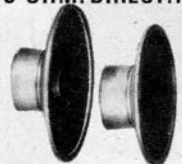
65-17,000 Hz. 18 watt. Whizzer cone 280 g magnet. Free air resonance: 150 Hz. 8 ohms. **40-1284 £9.95**

28-20,000 Hz. Sep. high frequency cone. 453 g magnet. Free air resonance 60 Hz. 8 ohms. **40-1341 £12.39**

50-15,000 Hz. Aluminium construction. 220 g magnet. Free air resonance 65 Hz. 8 ohms. **40-1311 £13.25**

203 mm diameter. Frequency response 75-20,000 Hz. 8 ohms. Magnet weight 79 g. Resonance 75 Hz. SPL (dB) 88. **40-1271 £3.95**

## 8-OHM. DIRECT. REPLACEMENTS



Alnico PM "thin" speakers

- High Quality
- Rugged Construction

**40-262** 70 mm £1.29

**40-247** 64 mm £1.19

**40-246** 57 mm £1.19

**40-248** 51 mm £1.49

**40-245** 51 mm £1.19

## 6-WAY SPEAKER SELECTION



£2.79

Easy to install!! For selection up to six remote speakers. 85 x 200 x 60 mm.

**40-124 £2.79**

## SPEAKER SELECTOR

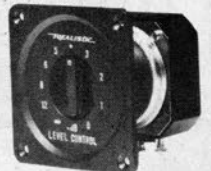


£3.89

8-16 ohms. Non-shorting. Control one or two pairs of speakers. Wall-mount. With instructions. **40-130 £3.89**

## MONOPHONIC VOLUME CONTROL

£2.99



Controls volume of any 8 ohm speaker. 75 watts music peak. With faceplate. **40-977 £2.99**

# DISCOVER THE HI-FI REALISM OF STEREO HEADPHONES

## AUDIOPHILE QUALITY PRO-10 HEADPHONES

**£24<sup>95</sup>**

- Superb 20-20,000 Hz Response
- Lightweight - Less than 300 gr.

Ideal stereo headphones for classical music fans. Polyester film dynamic driver elements provide exceptionally smooth, uncoloured transient response throughout the entire audio spectrum. With adjustable vinyl headband and soft sponge ear-cushions for maximum comfort. Complete with 3 m coiled cord, standard 6.3 mm plug, 4-16 ohms **33-1005 £24.95**



## SUPER VALUE TANDY 40 HEADPHONES

**£14<sup>95</sup>**

- Wide 30-18,000 Hz Response
- Comfortable Soft Padded Earcushions

Deluxe stereo features you wouldn't expect at this low price! Acoustically shaped earpieces combined with large 9 cm speakers provide excellent response over a wide range. Soft-cushion earcup and padded headband for extra comfort. Complete with 3 m coiled cord, standard 6.3 mm plug. **33-9993 £14.95**



## DELUXE HEADPHONES

**£12<sup>95</sup>**

- Right/Left Volume Adjustment
- 20-20,000 Hz Response

Tandy-25: This headphone has Mylar Diaphragms speakers, allowing you to listen to true hi-fidelity. With the double head adjustment band, and the padded earcushions these headphones offer light weight comfort. Power 0.5 Watt Maximum. Impedance 25 ohms, 3.6 metre cable. **33-9017 £12.95**



## DELUXE HEADPHONES

**£9<sup>95</sup>**

- Glide Path Volume Control
- 50-15,000 Hz Response

Realistic Tandy-16 stereo headphones bring the unique realism of stereo headphone listening to a price level where everyone can afford it. And yet, without a sacrifice of full-fidelity sound. The headband is adjustable to fit any size head and the earcups are fashioned for comfort and to mask out background noises. For Amplifiers/Receivers which incorporate a stereo headphone jack, just plug in the headphones. **33-9116 £9.95**



## BUDGET-PRICED TANDY 12 HEADPHONES

**£7<sup>95</sup>**

- 5 cm Speakers For Excellent Bass

High quality at a budget price makes these headphones unmatched in value. The 5 cm speakers in each earcup provide a satisfying 50-15,000 Hz response. Cushioned earpads and adjustable headband give you a natural airtight fit. With 1.8 m cord, standard 6.3 mm plug, 4-16 ohms. A sound bargain! **33-9012 £7.95**



## LIGHTWEIGHT MONO HEADPHONES

**£5<sup>45</sup>**

- Comfortable Padded Earcushions
- Standard 8 ohm Impedance

A deluxe 8 ohm Mono headset with large, soft padded ear-cushions and adjustable vinyl headband. Ideal private listening for your favourite portable radio or cassette, communications receiver or even for that electronic organ practice without disturbing the neighbours. Complete with cord and standard 6.3 mm mono plug. **20-200 £5.45**



# EXPERIENCE STEREO HEADPHONE HI-FI REALISM

## THE ULTIMATE IN STEREO HEADPHONES

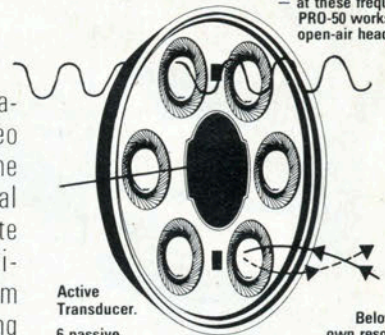
**Exclusive Patented Driver and Passive Diaphragm System**

**£39<sup>95</sup>**

Realistic PRO-50. An innovative break-through in stereo headphone listening! All the features needed for natural listening enjoyment: accurate stereo imagery, outstanding fidelity of reproduction from 16-20,000 Hz at all listening levels, and comfort – they weigh only 10½ ounces: 25.4 cm cord. You have to hear them to believe! **33-1007 £39.95**

### DYNAMIC TRANSDUCER WITH SIX PASSIVE DIAGRAMMS

The passive diaphragms are acoustically transparent at mid and high frequencies to let the ear develop its own natural resonance – at these frequencies PRO-50 works as an open-air headphone.



Active Transducer.

6 passive diaphragms let the ear listen in a virtually "free field", eliminating "self-resonance" of ordinary headphones.

Below their own resonance; the passive diaphragms will not permit low frequency notes to pass, eliminating "boominess" and operate as a coupled headphone.



## PRO-11A SUPERIOR HI-FI HEADPHONES

**10-2,200 Hz Frequency Response  
Adjustable Headband for Extra Comfort**

**£34<sup>95</sup>**

Superb listening from special Mylar diaphragm drivers with a response that's two octaves beyond the range of ordinary headphones. Effective cone radiating area is over 12 square inches so you hear the highest highs and lowest lows with sparkling clarity. The rugged 1" voice coils are virtually burnout-proof. Air-filled earcushions and heavily-padded, adjustable headband for extra comfort. 25.4 cm coiled cord. **33-996 £34.95**



## PRO-20 - GREAT SOUND AT A POPULAR PRICE

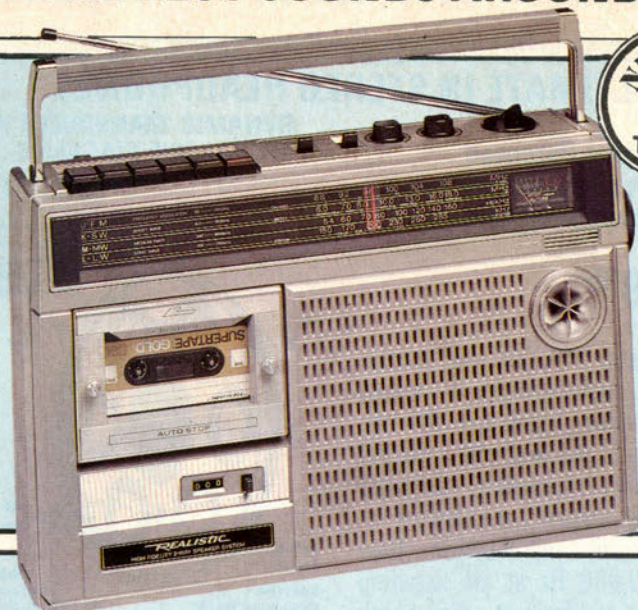
**£25<sup>95</sup>**

**Full 10-16,000 Hz Response  
63.5 mm Low-Angle Drivers**

Sensational value in "private" stereo enjoyment. Constructed with a "Snap-fit" headband assembly. These stylish headphones deliver a full response, with bass reproduction that compares to more costly models, thanks to the special "low-angle" drivers. Soft foam-filled vinyl ear cushions are contoured to the ear for comfort. 2.85 m of coiled cord ensures mobility and freedom from annoying tangles. With standard 6.3 mm plug. Impedance: 4-16 ohms. **33-1008 £25.95**

# THE BEST SOUNDS AROUND – TANDY RADIO CASSETTES

NEW FOR  
**81**  
TANDY



## KING-SIZE WITH 2-WAY SPEAKER SYSTEM

- Record Your Own Cassettes "Live" or Off-the-Air
- Separate Woofer and Tweeter for Wide-Range Sound
- LW/MW/SW/FM



Available  
November 30,  
1980

**£79<sup>95</sup>**



**Realistic CTR-54.** Our best mono LW/SW/AM/FM cassette recorder. Features, Auto-Level. Speaker monitor switch to listen as you record FM or AM, tape counter, and tape Auto-Stop. Also has tone control, 3-way tuning record level/battery check meter, jacks for a remote control mike, earphone, and aux input for recording from external sources. 23.50 x 35.56 x 9.53 cm. Earphone included. Mains operated or 4 "D" batteries or external DC adaptor. **14-9816** **£79.95**

## ALL THE MOST WANTED FEATURES



**£54<sup>95</sup>**

- Battery/Tuning Meter
- Pause Control

**Realistic CTR-50.** Enjoy AM/FM or cassettes anywhere you go. Features Auto-Level, Auto-Stop, tone control, speaker monitor, and tape counter. Jacks for remote control mike, aux input, earphone. 17.14 x 28.57 x 7.62 cm. AC operation or 4 "D" batteries (not incl.) or external DC Adaptor. **14-810** **£54.95**



## RECORD OFF-THE-AIR OR LIVE EVEN WITH OUR LOWEST-PRICED AM/FM RECORDER

**£44<sup>95</sup>**

- Auto-Level
- Auto-Stop
- Built-In Condenser Mike



**Realistic CTR-46.** Features include LED recording indicator, tone control, speaker monitor, jacks for remote control mike, aux input, and earphone. 19.05 x 26.67 x 7.62 cm. AC operation or 4 "C" batteries (not incl.) or external DC Adaptor. **14-839** **£44.95**



## FULL-FEATURE AM/FM/CASSETTE RECORDER



**£59<sup>95</sup>**

- Auto-Level
- Auto-Stop
- Pause Control

**Realistic Miniset VII.** Versatility in a "take-anywhere" size! Record with built-in mike or tape directly off-the-air. Features LED battery indicator, FM-AFC, speaker monitor switch, and a special "sleep" function shuts off radio automatically. External jacks for remote control mike and speaker. 11.43 x 20.95 x 5.71 cm. With earphone. Requires 4 "AA" batteries or external AC, DC adaptor. **14-803** **£59.95**





# STEREO PERFORMANCE WITH PORTABLE CONVENIENCE

## THE GO ANYWHERE HOME ENTERTAINMENT CENTRE



£129<sup>95</sup>

- LW/MW/SW/FM Wave Bands
- Built-in 2 Way Speaker Systems With Separate Woofers and Tweeters

**REALISTIC SCR-3.** Play pre-recorded cassettes, tune into AM, FM or FM stereo, record off-air or 'live' using the built in makes. Tape Auto-Stop. Pause and cue/revue. ASMS system senses the silence between songs during fast forward and rewind. Select standard or CrO2 tape. Tape monitor switch and digital counter. LED displays for output power, record/battery level, FM stereo and ASMS. Separate volume, balance and tone controls. Jacks for external mikes, speakers and headphones. Mains operation, 12V DC car/boat adaptor or batteries. LW/MW/SW/FM Stereo. 14-9772 £129.95



## COMPACT, FEATURE-PACKED AM/FM STEREO CASSETTE RECORDER



£49<sup>95</sup>



- "Stereo-Wide" Switch For Enhanced Stereo Realism
- LED Level and Tuning Indicators

**REALISTIC SCR-4.** Everything you need for high-quality stereo recording and listening. Two built-in electret mikes, Auto-level recording, end of tape auto-stop counter. Balance and tone controls, LED FM stereo indicator, two-level speaker monitor for listening as you record off-the-air, headphone jack, jacks for ext. speakers and remote control makes. AC operation, 6 'C' cells or external DC Adapter. Size: 17.78 x 36.19 x 6.98 cm. AM/FM, FM Stereo. 14-774 £49.95



## WIDE-SCOPE STEREO AM/FM AUDIO AND CASSETTE RECORDER



£89<sup>95</sup>

- Wide Scope Switch For Extra Stereo Dimension
- Two 3" Wide Frequency Speakers

**REALISTIC SCR-2.** The versatile stereo music system that you can afford to take wherever you go! Enjoy pre-recorded cassettes, tune AM, FM stereo, record your own tapes off-the-air or 'live'. Auto-Level sets recording volume for you. Tone and balance controls, bass selector and high/low volume speaker monitor switch. Stereo headphone jack, plus jacks for external mikes and speakers, battery/mains operated. Requires 6 'D' batteries. AM/FM and FM Stereo. 14-805 £89.95



### SUPER SAVINGS OFFER ON TAPES

Get one 60 minute tape, value 49p for only 1p with any recorder with this symbol.



# CASSETTE RECORDERS FROM TANDY — UNBEATABLE VALUE

## REALISTIC COMPACT CASSETTES — BIG PERFORMERS HIGH STYLE ULTRA-SLIM RECORDER



**£44<sup>95</sup>** Includes Carrying Case

### MICRO MINISSETTE POCKET RECORDER

- Perfect for Dictation, Meetings, or Lecture Notes

**REALISTIC MICRO MINISSETTE II.** Operate the Play, Record, Rewind buttons and volume control with just a thumb and forefinger. sensitive built-in mike. Auto-Level recording. LED record/battery warning light. Jacks for external mike, earphone and AC adaptor. Only 131 x 68 x 26 mm. With case and wrist strap. Requires 2 'AA' batteries. 14-815 **£44.95**

Mini-Cassette 30 Minutes total playing time from a Matchbook Size tape. 44-633 **£1.99**



**REALISTIC MINISSETTE-9.** No bigger than a small book, but features galore! Auto-Level, Auto-Stop, Pause, 3-digit counter, LED record/Battery indicator, Built-in mike. Requires 4 'AA' batteries or Mains adaptor. 14-812 **£49.95**

### PERSONAL SIZE CASSETTE RECORDER

**£39<sup>95</sup>**

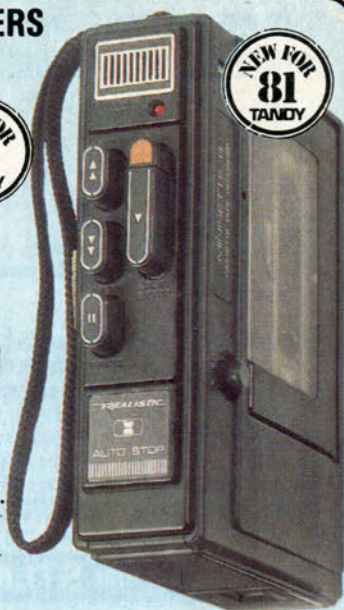
- Auto Level with Pause

**REALISTIC CTR-48.** Pause makes for easier editing. Auto-Stop. LED Battery/Record level indicator. External jacks for remote control mike, earphone or speaker, 108 mm x 171 mm x 51 mm. Requires 4 'AA' batteries or mains adaptor. 14-802 **£39.95**

Mains Adaptor. 14-9854 **£3.95**



Includes Carrying Case



**£44<sup>95</sup>**

### TAKE-ALONG HANDY RECORDER

- LED Record Indicator

**REALISTIC MINISSETTE-8.** Rewind/backspace lets you replay a passage without pushing stop. Auto-Level, pause, Auto-Stop. Jacks for remote mike, earphone. Size: 166 x 127 x 45 mm. Requires 4 'AA' batteries or external AC, DC adaptor. 14-807 **£44.95**

## BUDGET PORTABLES — ONLY FROM TANDY

### LOWEST-PRICED RECORDER

**£19<sup>95</sup>**

- Auto-Level
- Auto-Stop

**REALISTIC CTR-52.** Built-in condenser mike, Auto-Level, Auto-Stop, and volume control. Jacks for remote control mike, aux, earphone. Requires 4 'C' batteries or external adaptor. 14-804 **£19.95**



### MAINS/BATTERY PORTABLE

**£25<sup>95</sup>**

- Push Keys For All Functions
- Slide-Away Carry Handle

**REALISTIC CTR-53.** Take It Along Anywhere! Rotary Volume Control, Semi Auto Stop, Jacks for Remote, Mike Aux, Earphone. AC operation or 4 'C' batteries (not incl.) or external DC. 14-811 **£25.95**



### RECORDER WITH CUE-REVIEW

**£39<sup>95</sup>**

- Digital Tape Counter
- Auto-Stop and Cue/Review

**REALISTIC CTR-41.** Features Auto-Level circuit, Auto-Stop, built-in mike, hi/low tone switch. Earphone, aux, remote mike with DC adaptor. With mains cord. 14-841 **£39.95**



### RECORDER WITH DIGITAL COUNTER

**£29<sup>95</sup>**

- Tape Auto-Stop
- Auto-Level Recording

**REALISTIC CTR-40B.** Features LED Battery/Record indicator. Auto-Level for perfect recordings. Tape Auto-Stop, Digital Tape Counter, built-in mike, jacks for aux, earphone and mike. Mains operation or requires 4 'C' batteries. 14-818 **£29.95**



### FEATURE PACKED RECORDER

**£49<sup>95</sup>**

- Cue/Review Key
- Battery/Record Level Meter

**REALISTIC CTR-51.** Select Auto-Level for voice or adjust record level manually for music. Built-in condenser mike, battery condition/record level meter, jacks for aux, input, remote mike, external speaker/earphone. Mains operation or requires 4 'C' batteries. 14-813 **£49.95**



# REALISTIC CASSETTES — GREAT SOUND, GREAT VALUE

## SUPERTAPE METAL CASSETTE — RIVALS OPEN-REEL PERFORMANCE

Coated with fine-grain metal particles — not oxide — Supertape Metal's improved magnetic properties give greater output at both high and low frequencies and unbelievably low noise levels. This means you can record solid bass and soaring highs that really sparkle — for music reproduction that is virtually indistinguishable from open-reel tape. Supertape Metal has the sound you've always wanted from a cassette tape. For recorders with metal bias switch position. **44-960**

£5.95

### SPECIFICATIONS

Coercivity (Hc) (Nominal): 1100 Oersted; Retentivity (Br) (Average): 3200 Gauss; Dynamic Range: 68 dB.

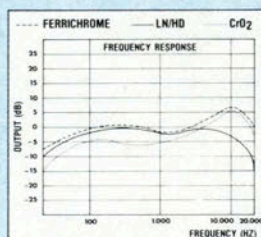
- 68 dB Dynamic Range
- Playable on any cassette deck
- Reproduction that rivals open-reel tape

£5.95



## PROFESSIONAL QUALITY FERRICHROME CASSETTES

Totally new formulation produces the high end performance of chromium dioxide tape with no compromise at low end frequencies. Dual coating on stretch resistant polyester backing combines the qualities of chromium dioxide and ferric iron oxide. Sealed cassette housing with stainless steel guide posts for uniform tension and tape motion. With hinged storage case.



- Improved Response
- Performance comparable to reel to reel tape speeds
- Stretch resistant polyester base

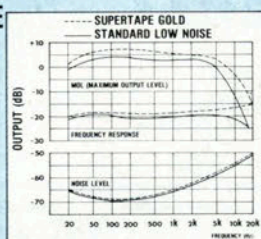
Cat. No.	Type	Total Recording Time	1-11	12-23	24-499
44-9214	C-60	60 minutes	£1.59	£1.75	£1.29
44-9215	C-90	90 minutes	£1.99	£1.79	£1.59

As Low As £1.29



## SUPERTAPE GOLD — PREMIUM QUALITY TAPE

Better-than-ever recordings without special bias settings! SUPERTAPE GOLD cassettes bring you results that are nothing short of spectacular. More headroom for higher recording levels without saturating the tape. The result is the ultimate in frequency response, dynamic range and freedom from noise from a standard bias tape. Five-step calendaring process cuts "dropouts" to an absolute minimum.



- Extended Response
- Greater Headroom
- 5-step calendaring process cuts dropouts

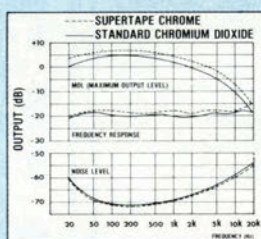
Cat. No.	Type	Total Recording Time	1-11	12-23	24-499
44-920	C-45	45 minutes	£1.19	£1.09	.95
44-921	C-60	60 minutes	£1.39	£1.25	£1.10
44-922	C-90	90 minutes	£1.69	£1.55	£1.35
44-923	C-120	120 minutes	£1.99	£1.79	£1.59

As Low As 95p



## SUPERTAPE CHROME CASSETTES — WIDEST DYNAMIC RANGE

State of the art! High bias formula for ultra high-fidelity with lowest noise levels ever! It captures the softest and loudest passages without overload distortion. Brings out the best from any recorder equipped with CrO<sub>2</sub> bias switch. Head cleaning leader tape removes foreign matter for finest audio every time!



- More High-Frequency Headroom
- Head Cleaning Leader Tape.
- Stretch resistant base
- Great performance, low cost

Cat. No.	Type	Total Recording Time	1-11	12-23	24-499
44-930	C-60	60 minutes	£1.99	£1.79	£1.59
44-931	C-90	90 minutes	£2.59	£2.49	£2.10

As Low As £1.59



## IMPROVED REALISTIC LOW-NOISE CASSETTES

These all-new general-purpose cassettes feature Hi-FLUX density oxide, a TANDY exclusive that delivers high output, extended range and frequency response, low noise and distortion at moderate cost. Special housing has double-flanged idler rollers with stainless steel pins to reduce wow and flutter. Extra-durable tensilized polyester tape base resists stretching and breaking.

Specifications  
Peak Bias ● 1 kHz: -0.85 dB  
Frequency Response: 333 Hz 0.00 dB, 1 kHz 0.00 dB, 6.3 kHz -3.20 dB, 10 kHz -5.20 dB.  
Dynamic Range: 54.60 dB.  
Reference Tape: MIT-501

Cat. No.	Type	Total Recording Time	1-11	12-23	24-499
44-601	C-30	30 minutes	.89	.80	.70
44-602	C-60	60 minutes	.99	.89	.79
44-603	C-90	90 minutes	£1.19	£1.09	.95
44-604	C-120	120 minutes	£1.59	£1.45	£1.29

- Exclusive Hi-Flux Density
- With Hinged Plastic Storage Case
- Durable tensilized polyester base

As Low As 70p



# REALISTIC® — THE BEST IN OPEN-REEL RECORDING TAPE

**LOW NOISE**  
**REALISTIC**  
**LABORATORY STANDARD**  
**SUPERTAPE**  
**NEW FORMULA OXIDE COATING WITH SUPER LINEAR RESPONSE**  
**FOR THE RECORDING PERFECTIONIST**

## SUPERTAPE — PREMIUM QUALITY RECORDING TAPE

- Oxide Coating with Superb Linear Response!
- Fewer Dropouts, Super Sensitivity, Minimum Head Wear!
- Wide Dynamic Range — Resists Overload Distortion!

Supertape brings out superb sound from any recorder, without special bias settings! High output reduces hiss and distortion. Our carefully controlled coating process produces smaller oxide particles and therefore a smoothness which minimizes tape and head wear, reduces recording "dropouts", provides superior sensitivity and produces a flat, uniform response. Mylar base with extra resilience and resistance to humidity.

<b>Specifications</b>	
Operating Bias:	+ 2 dB
Frequency Response:	
1 kHz	0 dB
10 kHz	+ 0.5 dB
15 kHz	+ 0.6 dB
20 kHz	+ 1.3 dB
Dynamic Range:	64.7 dB
Reference Tape 3M-207	

Cat. No.	Size cm	Length m	Recording Time each track at 9.5 cm/sec.	Price Each (£)		
				1-5	6-9	10 up
44-1872	13	270	45 minutes	2.59	2.49	2.39
44-1878	18	360	60 minutes	3.49	3.34	3.19
44-1877	18	540	90 minutes	3.99	3.74	3.49

## REALISTIC TAPE — DURABLE AND ECONOMICAL

- Extended High Frequency Response
- Splice Free!
- Available in 7 Lengths

High quality, reel-to-reel recording tape for music or voice. Excellent fidelity. Uniform oxide coating assures extended high frequency response and improves signal-to-noise ratio. Tandy special formula coating (plus a friction-reducing lubricant) increases tape life, reduces head wear. Tensitized Mylar base resists breaks and stretching, is unaffected by age and humidity. Made in USA by Tandy.

<b>Specifications</b>	
Operating Bias:	- 0.7 dB
Frequency Response:	
1 kHz	0 dB
10 kHz	- 0.7 dB
15 kHz	- 1.9 dB
Dynamic Range:	61.1 dB
Reference Tape 3M-207	

Cat. No.	Size cm	Length m	Recording Time each track at 9.5 cm/sec.	Price Each (£)		
				1-5	6-9	10-499
44-760	8.2	180	30 minutes	1.29	1.15	1.05
44-753	13	270	45 minutes	1.79	1.60	1.45
44-754	18	540	90 minutes	2.99	2.69	2.39
44-9002	15	360	60 minutes	2.79	2.50	2.25
44-9003	15	540	90 minutes	3.49	3.15	2.79
44-758	18	730	120 minutes	3.79	3.40	3.05
44-766	18	1080	180 minutes	5.29	4.79	4.29

**PROFESSIONAL QUALITY**  
**REALISTIC**  
**RECORDING TAPE**  
**1800 FT. 1.0 MIL 7 REEL 23 µm 18 cm**  
**MYLAR**  
**Tensitized**  
**50% Extra Recording Length**  
**SPICE FREE**  
**CAT. NO. 44-754A**

## REALISTIC CONCERTAPE

£179

- All-Purpose Recording Tape
- Super Strength Polyester Base

Great for voice and all general-purpose recording work at a low cost. Particularly suitable for off-the-cut recordings. Tough polyester tape base resists stretching and cracking. Extra-wide response maintains true fidelity of your recordings. 540 metres (1,800 feet) of tape on 18 cm reel. Suitable for all machines.

44-1018 £1.79

Price Each (£)		
1-5	6-9	10 up
£1.79	£1.70	£1.62

**1800 FEET 1.0 MIL REEL**  
**POLYESTER RECORDING TAPE**  
**CONCERTAPE**  
**POLYESTER SUPER STRENGTH**

## SPECIAL RECORDING TAPE

£549

- Extra-large reel: 27 cm!
- Extra-long tape: 1,098 m!

**TANDY**  
**recording tape**  
**27 cm reel**  
**1098 m**  
**cat. n° 44-9004**

Tandy give you the quality and size of professional tapes for less money! Classic, three-cornered central fastener, uniform oxide coating, heavy-duty base to resist breaking and stretching yet give you extra-wide response. Back of tape treated with anti-static. With storage box. 44-9004

## HIGH QUALITY CASSETTES AT LOW PRICES

### 3-PACK CONCERTAPE CASSETTES

Cat. No.	Type	Total Recording Time	Each 3-pack	
			1-11	12-499
44-606	C30	30 minutes	1.29	1.15
44-607	C60	60 minutes	1.39	1.25
44-613	C90	90 minutes	1.99	1.79
44-614	C120	120 minutes	2.59	2.29

### CONCERTAPE SINGLE PACKS

44-605 C60 £0.49  
 44-620 C90 £0.69

### MICRO CASSETTES

£239

30 Minutes Each Side

The smallest cassette made. Designed for capstan-drive recorders such as Olympus, Panasonic, Sony, others. 44-640 £2.39

### MINI-CASSETTES £199

Ideal for dictation, memos, voice, notes. Fits rim-drive recorders such as Realistic's own Minisette II, Nor-elco, Dictaphone. 44-633 £1.99

for a pack of 3  
 As Low As  
**£115**



# TANDY HAS EVERYTHING IN TAPE EQUIPMENT AND CLEANING ACCESSORIES



## SUPERTAPE 8 TRACKS

Prices from  
**£150**

- 20-18,000 Hz frequency response
- Special oxide for super linear response!
- Extended dynamic range, low noise!

### Specification

Operating Bias: -0.7 dB  
 Frequency response:  
 1000 Hz: 0 dB  
 10,000 Hz: -0.7 dB  
 15,000 Hz: -1.9 dB  
 Dynamic range: 61.1 dB  
 Reference tape 3M207

Lab-standard tape cartridge. Super sensitive. Flat response within 2.5 dB from 20-18,000 Hz) high signal to-noise ratio reduced "hiss". Less head wear, fewer "dropouts", free moving too. Tough Polyester base resists stretching and breaking.



### 8-TRACK HEAD AND CAPSTAN CLEANER

- Improves tape performance

One end cleans tape heads, the other end cleans capstan rollers. For any 8 track car or home unit. Non-abrasive. Removes all deposits.

44-208 **£1.59**

Cat. No.	Total Recording Time	Each		
		1-11	12-24	25-499
44-842	45 minutes	£1.89	£1.70	£1.50
44-843	90 minutes	£2.39	£2.15	£1.90

## CARRYING CASES TO ORGANISE YOUR TAPE LIBRARY



**£14.95**

### CASSETTE CABINET

This attractive walnut finished 3 drawer unit will hold 36 cassettes, protecting them from dust and scratching. Rubber studs on the underside will allow non slip stackability. Each individual drawer holds 12 cassettes.

Organize and Protect Your Tapes

44-8007

£14.95

### CASSETTE CARRYING CASE



**£2.29**

High quality carrying case for 12 cassettes. Front and top opening with separations and strong carrying handle. Red leather-grain finish.

44-9012 £2.29

### DE-LUXE CASSETTE CARRYING CASE

**£3.89**

To hold 36 cassettes in individual slots. Padded brown leather-grain finish with matching colour handles.

44-9019 £3.89



### CASSETTE BAR

**£2.69**



Smartly styled "lazy susan" holds up to 32 cassettes, dust free and ready to hand. Orange coloured plastic.

44-9016

£2.69

### DE-LUXE CASSETTE TAPE CARRYING CASE



**£14.95**

- Felt lined interior
- Protects your tapes

### CARSETTER CASSETTE CARRIER

**£2.49**



Attaches under dash. Bracket makes storage case into a handy portable, holds up to ten cassettes. De-luxe finish.

44-9017

£2.49

### CAR CASSETTE HOLDER

**£1.19**



Keep up to 5 cassettes free from dust and dirt. Can be easily installed almost anywhere in the car. Build up the system to grow with your collection. 1.7 cm high.

44-9018

£1.19

### LOW COST CASSETTE CASE

**£3.19**



Smoke-tinted cover protects tapes against dust — lifts off for easy access. Holds 15 cassettes. 7.9 x 31.75 x 11.43 cm.

44-665

£3.19

### CASSETTE STAND

**89p**



Pack contains two units which interlock and can hold 6 cassettes each. With or without storage box. Sturdy plastic racks.

44-9206

89p

Holds 30 cassettes. The perfect way to protect your tapes when you travel and to organize your tapes at home. Extra-secure spring-loaded catches. Two-piece moulded case and handle. Felt-lined interior. 8.8 x 25.4 x 38.7 cm. Only 8.8 cm High — Fits Under Car Seat.

44-667

£14.95

### CASSETTE DOUBLEHEADER

**£1.69**

- Extends tape life

### CASSETTE HEAD CLEANER

**79p**

- Completely non-abrasive

### CASSETTE DEMAGNETIZER AND CLEANER

**£2.99**

- Extends tape head life

### ELECTRONIC CASSETTE DEMAGNETIZER



- Demagnetizes in Less Than a Second
- Reduces Noise Level and "Hiss"
- Prevents Loss of High Frequency Response

Demagnetizes the heads of your cassette recorder just as easily as loading a cassette! Ideal for "slot load" and hard to reach auto cassette players as well as portables and car stereos. Completely automatic, with LED indicator.

44-1165

£10.95



\* Battery operated circuit for up to 500 applications.

Restores fidelity and extends tape life by removing harmful oxide deposits from tape heads. Keeps capstans clean for trouble-free operation.

44-1162

£1.69

Removes oxide deposits. Insert for 10 seconds after each 10 hours of equipment use. Cordless.

44-9210

79p

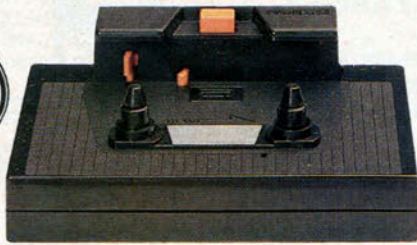
Protect your tapes and recorder. Eliminates built-up oxide residue and magnetism. Prevent distortion and volume loss. Just insert and "play" for 60 seconds. Non-abrasive.

44-631

£2.99

# TAPE EQUIPMENT CARE AND CLEANING ACCESSORIES

## ELECTRIC CASSETTE TAPE WINDER



£4.95

### ● Automatic Shut-Off at End-of-Tape

Use your cassette deck for continuous recording without having to stop to rewind tapes. Fits most home or car cassette tape racks. Requires 3 "AA" batteries. 44-209 £4.95

## CLEANING FLUID



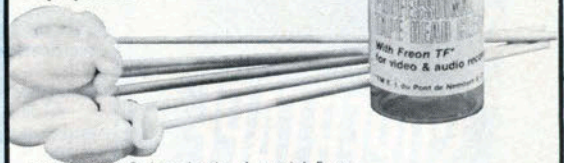
£1.99

This Professional quality fluid restores recording and playback performance to both cassette and reel to reel machines. 44-9216

## PROFESSIONAL-QUALITY HEAD CLEANING KIT

£1.39

For Audio & Video Tape Equipment



Includes one 6 dram bottle of special Freon solvent and six lintless foam swabs for cleaning both video and audio recording heads.

44-1170

£1.39

Freon Solvent, 2-oz. bottle. 44-1171 £1.15

## TAPE HEAD CLEANING KIT

£3.95

Get better tape recording and playback every time! Complete set of tools for cleaning. For cassette, 8-track and open-reel tape decks. 44-222 £3.95



## RECORDER CLEANER KIT



1.4-oz bottles of cleaner and guide lubricant, plus 10 swab sticks. 44-217 £1.19

## HEAD CLEANING KIT



Improves recording and reproduction. Includes two angle combinations, felt pads and 30 cc of tape head cleaning fluid. 44-9209 £1.09

## HEAD CLEANING STICKS



6" wood sticks with cotton tops for cleaning in hard-to-reach places. 44-1093 £0.69

## RECORDER CLEANER

79p



Thoroughly cleans heads, guides, rollers, all metal parts. 2 oz. 44-1010 £0.79

## HEAD CLEANER SPRAY



£1.39 3 oz.

Easy to use

Extension nozzle reaches anywhere to "spray away" grime, oxide build-up. 44-1011

## TAPE HEAD LUBRICANT



65p

Extends Head Life

44-1009

Minimizes wear and removes oxide deposits. Ideal for recorders and players.

## "NON-SLIP" SOLVENT



65p

Improves Tape Performance

Stops slippage. For idler wheels, pulley belts, cords. Fast drying. 2 oz. 44-1013

## ON-OFF FOOT SWITCH



£1.99

Great for dictation or transcribing tapes. Plugs into remote control jack of recorder. 44-610 £1.99

## ON/OFF SWITCH

For Cassette Recorders



£1.39

Remote start/stop without adjusting controls. Insert sub-mini plug fits remote control jack. 44-777 £1.39

## PLASTIC CASSETTE MAILERS



3-Pack

Mail cassette "letters". Durable plastic box. Conforms to 1st class postal regulations. With mailing labels. 44-608 £0.59

59p

## PRECISION TAPE SPLICERS



£3.99

Includes Roll of Splicing Tape

Repair or edit your own tapes. Chromed cut/trim lever makes diagonal cuts, adjusts to trim away excess splicing tape. 44-214 £3.99

## CASSETTE FAST-WIND



£1.59

Fast-wind tape by hand while listening to others. Winds a C-90 cassette in just 60 seconds - faster than most recorders do! 44-9211 £1.59

## TELEPHONE PICK-UP COIL



99p

For convenience recording of phone-calls. Suction cup fastens phone. With cord 1/4" mini-plug. 44-533 £0.99

## CASSETTE TITLE LABELS



● Find your Favourite Tape Quickly

20 self-stick cassette labels and ten container-edge labels. 44-621 £0.69

## CASSETTE INSERT LABELS



Replace old labels for writing down new recordings. Labels fit standard tape boxes. 44-623

## CASSETTE STORAGE BOXES



3-Pack 69p

See-thru plastic door identifies titles. 44-611 £0.69

## ECONOMY CASSETTE MAILERS



49p 6-Pack

For "voice letters". Heavy-duty cardboard. Conforms to 1st class postal regulations. With mailing labels. 44-632 £0.49

## CASSETTE REPAIR KIT



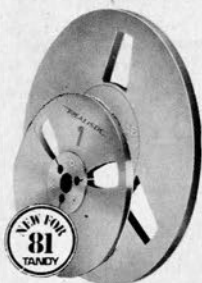
69p

Lets you transfer cassette-tape from a damaged or defective housing to a new one. With 24" leader tape and instructions. 44-626 £0.69

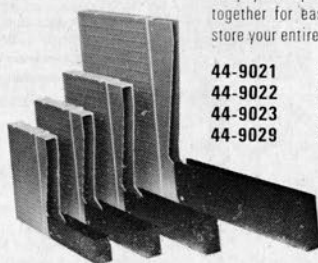
# A FULL RANGE OF ACCESSORIES FROM TANDY

## EMPTY METAL REELS

From **£3.49**



**A.** Won't crack, split or warp. Brushed, anodized aluminium finish. With storage box. **44-280 £3.49**  
**B.** Designed for professionals. Each side is indexed. Slotted to fix end of tape. Rugged aluminium construction. **44-9028 £6.79**

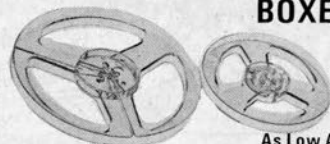


## LIBRARY BOXES

Keep your tapes safe and dust free. Clip together for easy access. Buy enough to store your entire tape library!

**44-9021** 13 cm **£1.29**  
**44-9022** 15 cm **£1.79**  
**44-9023** 18 cm **£1.89**  
**44-9029** 27 cm **£4.39**

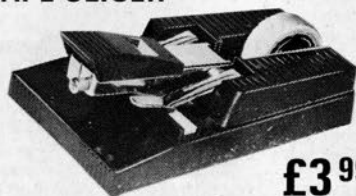
## EMPTY TAPE REELS WITH BOXES



As Low As 17p

Cat. No.	Reel (cm)	Price Each		
		1-5	6-9	10 up
44-273	7.5	19p	18p	17p
44-1000	8.2	19p	18p	17p
44-278	13	69p	65p	55p
44-9020	15	79p	70p	65p
44-279	18	£1.19	£1.10	95p

## TAPE SLICER

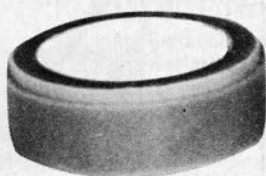


**£3.99**

Reel to reel splicer makes diagonal cuts. Dispenser with roll of 9.5 mm splicing tape. **44-212 £3.99**

## MYLAR BASE SPLICING TAPE

As Low As **39p**

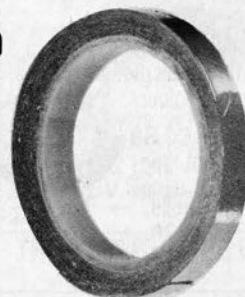


2.5 metres of strong secure splicing tape in 3 different widths.

Cat. No.	Width (mm)	Each
44-1125	6.3	39p
44-1126	9.5	45p
44-1127	12.7	49p

## METALLIC SENSING TAPE

**£1.19**



Stops or reverses recorders having electronic switching controls. 2.5 m. **44-1155 £1.19**

## COLOUR-CODED LEADER TAPE



**99p**

Two 7.5 cm reels of 45 m tape - one red, one white. Ideal for indexing and cueing: Splice into tape ends to protect or extend tape. **44-1053 99p**

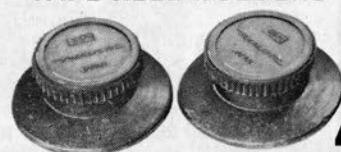
## KLEEN-TAPE KIT

**£1.89**



Allows quick and efficient cleaning of record and erase heads, tape guides, etc. Kit contains fluid and two 7.6 cm reels: one empty and one with cleaning tape. **44-9208 £1.89**

## TAPE REEL HOLDERS

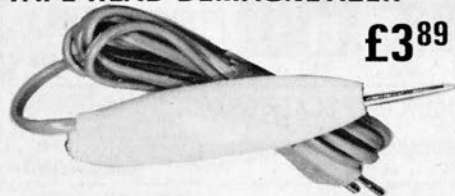


**49p**

Press over spindles to keep reels seated and wobble free. Durable rubber. **44-1068 49p**

## TAPE HEAD DEMAGNETIZER

**£3.89**



Works with any cassette, 8-track or reel-to-reel. Reduces hiss and distortion, maintains high frequency response. Takes just seconds to completely demagnetize unit. **44-772 £3.89**

## MICRO/MINI CASSETTE TAPE ERASER

- For all Mini & Micro Cassettes
- Cordless - No Power Required

**£3.95**



Removes recorded material on all micro and mini cassettes in 2 seconds. No outside power or batteries required. Ideal for home or office use. **44-230 £3.95**

## MAGNETIC BULK TAPE ERASER

**£17.95**

- Mains Lead Supplied

The fastest and best way to erase tapes! Not only erases, but reduces noise levels below recorder's own erase head level. For open-reel, cassette, 8-track tapes and computer floppy discs. Hi-impact moulded housing. On-off switch conveniently located on side of handle. Not for metal tapes. Mains operation. **44-210 £17.95**



Erases tapes and diskettes in seconds. Simple push-button operation.

## AC MAINS ADAPTOR

**£3.95**



Converts standard 240 V AC mains to 6 V DC 300 mA. Suitable for most battery-operated radios and cassette recorders. Supplied with coax, power plug on 1.7 m cable. **14-9854 £3.95**

## CAR/BOAT ADAPTOR

**£3.95**



- Input 12 V DC, Output 6 or 9 V DC

Play your recorder in your car! Adaptor has selectable 6 V or 9 V output. Plugs into car cigarette lighter - save money on batteries! Coax, power plug. **14-844 £3.95**

## HEAVY-DUTY CARRY STRAP

**£3.49**

For portable Radios and Tape Players

Durable nylon web carry-strap makes portables easy to carry. Fully adjustable, with sturdy metal clasps for easy "snap-on" attachments. **44-690 £3.49**



# ARCHER® TOOLS HELP DO IT YOURSELVERS DO IT BETTER



Make Jobs easier  
with Archer Tools  
and Accessories

## LABELMAKER KIT

£4.69

- Protect your Valuables by Marking them

Makes self-sticking, raised-letter, water-proof labels. Just dial character, squeeze handle to print A-Z, 0-9, punctuation. With 6" tapes in assorted colours.

64-526 £4.69  
With three rolls of tape.

Extra Tape. Two 3/8" x 144" rolls  
64-527 £1.79



NEW FOR  
81  
TANDY

## ALL PURPOSE METRIC CRIMPING TOOL

- Cuts and Strips Wire!

£4.99

Crimps terminals, slices bolts. Designed for use on either insulated or non-insulated type of terminal or connector. Slices 6 sizes of bolts.

64-9268 £4.99

## ALL PURPOSE CRIMPING TOOL

- Crimps all Terminals

£1.59

Cuts, strips wire and slices bolts. Unlimited possibilities. Easy to use with "sure grip" insulated handle.

64-405 £1.59

## DIAL-TYPE STRIPPER CUTTER

- Dial the Gauge you want to Strip!

£2.39

Spring loaded stripper and cutter has plastic cushioned grips, flush cutting action. Easy to use and safe with its insulated handle.

64-9517 £2.39

## SOLDERLESS LUGS

5 Popular Styles  
Pkg. of 100

Twenty of each style of most-popular lugs, including ring, spade, hook, tongue types.

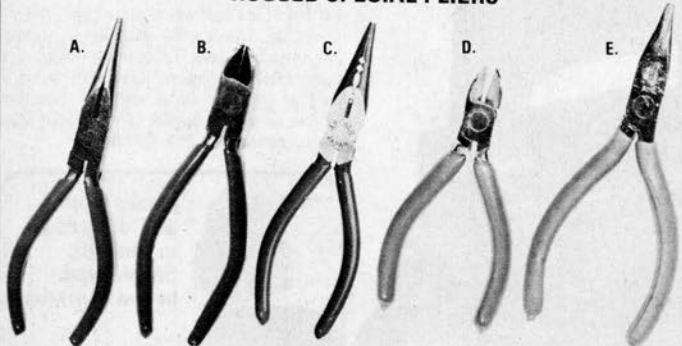
64-406

99p

99p



## RUGGED SPECIAL PLIERS



- A. 16 cm needle nose pliers. Sheffield Steel. Easy to hold insulated handle grips. £2.19 64-1844
- B. 16 cm diagonal wire cutters. Long life Sheffield Steel. Insulated grips. £2.39 64-9524
- C. 16 cm all-purpose pliers. AC cord divider nut wrench stripper, cutter and crimper. Insulated grips, drop forged. £2.99 64-1847
- D. 11 cm diagonal. Ideal for wire Work in hi-fi's. £2.19 64-1841
- E. 11 cm long nose. Perfect for those delicate electronic jobs. £2.19 64-1843

## NIPPY CUTTERS

£2.99

Flush cutting design lets you cut leads close to PC boards. Add a pair to your workbench.

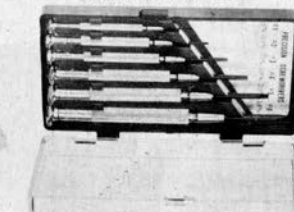
64-1833

£2.99



## HIGH PRECISION HARDWARE SETS

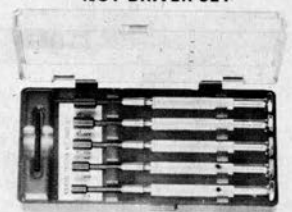
### SCREWDRIVER SET



Six precision screwdrivers in width from 0.8 to 3.8 mm in a fitted plastic case. Hardened and tempered rustproof blades, chrome plated brass handles, swivel tops for one hand operation.

64-1948

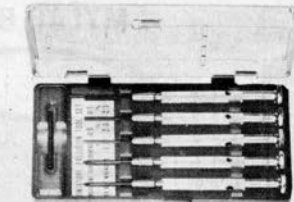
### NUT-DRIVER SET



Five hardened and tempered precision nutdrivers with swivel tops and chrome plated brass handles. One hand operation for delicate jobs. Supplied in fitted plastic case for easy storage. Size: 3, 3.5, 4, 4.5 and 5 mm.

64-1957

£2.79



### CROSSPOINT AND HEX KEY SET

Includes: 2 crosspoint screwdrivers (2.4 and 2.9 mm) and three hex key wrenches (1.5, 2 and 2.5 mm). Chrome plated brass handles and swivel tops.

64-1958

### COMBINATION SCREWDRIVERS

Six precision screwdrivers. Two crosspoint and four regular. All with swivel tops.

64-1959

£2.49

### PRECISION SCREWDRIVER SET



Three high precision screwdrivers for delicate jobs. Nickel plated handles and strong blades.

64-1982

£1.09

### MINIATURE PRECISION TOOL SET



Includes 3 different standard screwdrivers (1.5, 2.5, 3.5 mm), a crosspoint (3.5 mm), a scribe and handle. Made from hardened and tempered steel. Plastic stand keeps tools in place.

64-1981

£1.89

### 4-IN-1 MINI TOOL KIT



69p

Pocket sized kit contains bradawl, two regular screwdrivers and a Phillips screwdriver. Rustproof hardened and tempered steel. Colour coded handles.

64-1819

69p

### 6-IN-1 MINI TOOL KIT

45p

Includes a bradawl, two standard screwdrivers (one with wire stripper), a crosspoint screwdriver and a gimlet. Handy plastic case.

68-1003

45p

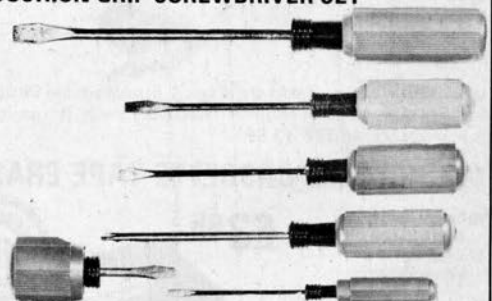
### 6-PIECE CUSHION GRIP SCREWDRIVER SET

£4.99

Full formed cushion grip prevents hand from slipping. Nickel plated steel for added rust prevention. Hardened and tempered steel. Oil, moisture and acid resistant. In "Hang-Pack" for any flat surface.

64-9515

£4.99



### 8-PIECE NUT-DRIVER SET

£3.49

Insulated, colour-coded drivers fit into master "power handle" for real torque. Tempered steel, rustproof sockets. Sizes: 4.5, 5, 5.5, 6, 7, 8, 9 and 10 mm.

64-9080

£3.49



### 8-PIECE SCREWDRIVER SET

£2.29

Includes 3 standard screwdrivers, 1 bradawl and 1 gimlet. Each handle fits into a master handle. Tempered rustproof blades.

64-1835

£2.29





# QUALITY TOOLS FOR YOUR HOME AND WORKSHOP

<p><b>DOUBLE-SIDED FOAM TAPE STRIPS</b></p> <p><b>£139</b> for 8</p> <p>1 x 3" strips instantly fasten pictures to walls, radar detectors to dashes, smoke alarms to ceilings.</p> <p>64-2344 <b>£1.39</b></p>	<p><b>HOOK-AND-LOOP FASTENER STRIPS</b></p> <p><b>£149</b> for 4</p> <p>3" strips with adhesive backing for attaching items to car dash, grille cloth to speakers, pictures to walls. 64-2345 <b>£1.49</b></p>	<p><b>1/4" DRIVE METRIC RATCHET SOCKET SET</b></p> <p><b>£749</b></p> <p>Includes, 135 mm reversible ratchet handle, 130 mm flexible handle, 150 and 50 mm extension and cross bar and 11 hexagonal sockets. 64-9096 <b>£7.49</b></p>	<p><b>HEX KEY SET</b></p> <p><b>£139</b></p> <p>Completes your toolbox. Short arm sizes: 1.5, 2, 2.5, 3, 4, 5, 5.5 and 6 mm. Made of hardened steel. Safely fixed to retaining ring. 64-9531 <b>£1.39</b></p>															
<p><b>PRECISION FILE SET</b></p> <p>Three 15 cm long precision files with insulated handles. Popular file sizes. Extra rugged material. 64-1834 <b>£2.19</b></p>	<p><b>FILE SET FOR FINE WORK</b></p> <p>Available in most popular file sizes. Rapid cutting pouch. 64-1838 <b>£1.19</b></p>	<p><b>ELECTRONIC SOLDERING TWEEZERS</b></p> <p><b>£219</b></p> <p>Nickel plated forged steel tweezers with blunt, self enclosing serrated points for extra holding power. Ideal length (17 cm) for getting into tight corners. 64-1915</p>	<p><b>NON-CONDUCTIVE TWEEZERS</b></p> <p>65p</p> <p>Won't short out components. Non-metallic, with serrated tips. Tops for delicate jobs. 115 mm long. 64-1914 <b>65p</b></p>															
<p><b>HEX KEY SET</b></p> <p>99p</p> <p>Folding Hex Key Tool. Fits the six most popular hex key sizes. 64-1839 <b>99p</b></p>	<p><b>WIRE BENDING JIG</b></p> <p><b>£109</b></p> <p>Dozens of practical and decorative applications. Bends eyes, curves, spirals, etc. 64-1960 <b>£1.09</b></p>	<p><b>PRECISION KNIFE SET</b></p> <p><b>£499</b></p> <p>Ten multi-purpose interchangeable precision ground steel blades for delicate cutting operations, scraping, cutting tape, layout work, more. With fitted plastic case. 64-1801 <b>£4.99</b></p>	<p><b>LOCKING POCKET KNIFE</b></p> <p><b>£269</b></p> <p>A precision cutting blade, a combination scraper-screw driver with safety lock. 64-2136 <b>£2.69</b></p>															
<p><b>EASY TO USE AUTO TESTER</b></p> <p><b>£219</b></p> <p>For all cars with 6 or 12 V electrical systems. Isolated clips. Complete with cable and test probe. 64-9085 <b>£2.19</b></p>	<p><b>TELEVISION ALIGNMENT TOOL KIT</b></p> <p>89p</p> <p>Each tool has 2 working ends: the 13 cm long K-tran has 1 hex end and 1 undercut end to reach bottom-mounted cores. The other is 15 cm long and has 3.9 mm Delrin tip and a 3.2 mm metal tip. 64-223 <b>89p</b></p>	<p><b>MINIATURE UTILITY KNIFE</b></p> <p><b>£159</b></p> <p>Perfect for all cutting, timing or scoring jobs. The retractable blade locks in four positions. Extra blades are stored in metal handle. Compact: 6.5 cm long. 64-1852 <b>£1.59</b></p>	<p><b>RETRACTABLE UTILITY KNIFE</b></p> <p>69p</p> <p>3-position positive stops for extending or retracting reversible blade. Completely retractable. Safe to carry in pocket or purse. Spare blade included. 64-1959</p>															
<p><b>METRIC CONVERTER RULE</b></p> <p>59p</p> <p>Converts: Miles to Kilometers, Inches to Centimeters, Fahrenheit to Centigrade, Ounces to Kilograms, Fractions to Decimals. 68-1031 <b>59p</b></p>	<p><b>CERAMIC MAGNETS</b></p> <p>28.6 mm Round <b>64-1885</b>      25 x 19 mm Rectangular <b>64-1875</b></p> <table border="1"> <thead> <tr> <th>Cat. No.</th> <th>Each</th> <th>10-25</th> <th>26-95</th> <th>100 up</th> </tr> </thead> <tbody> <tr> <td>64-1885</td> <td>15p</td> <td>14p</td> <td>13p</td> <td>12p</td> </tr> <tr> <td>64-1875</td> <td>15p</td> <td>14p</td> <td>13p</td> <td>12p</td> </tr> </tbody> </table>	Cat. No.	Each	10-25	26-95	100 up	64-1885	15p	14p	13p	12p	64-1875	15p	14p	13p	12p	<p><b>INSULATION TAPE</b></p> <p>39p</p> <p>Superior quality tape for all electric and electronic uses. Resistant to high temperatures. 15 mm x 4.5 m <b>64-9031</b> <b>39p</b> 15 mm x 10 m <b>64-9032</b> <b>59p</b></p>	<p><b>PVC ELECTRICAL TAPE 5-PACK</b></p> <p><b>£149</b></p> <p>Ideal for colour coding. Use it for practically any job. Each roll 19 mm x 3.6 m. Colours: Black, blue, red, green, yellow. 64-9530 <b>£1.49</b></p>
Cat. No.	Each	10-25	26-95	100 up														
64-1885	15p	14p	13p	12p														
64-1875	15p	14p	13p	12p														
<p><b>INSTANT BONDING GLUE</b></p> <p>99p</p> <p>All-purpose adhesive bonds non-porous materials easily, in seconds. Plastic nozzle tip. 64-2308 <b>99p</b></p>	<p><b>ELECOLIT 340 ELECTRICALLY CONDUCTIVE SILVER PAINT</b> <b>£349</b></p> <p>Can be painted on to metal, ceramic, glass, rubber, plastics... Solvent evaporates leaving the silver bonded to the surface by means of the lacquer. 64-9025 <b>£3.49</b></p>	<p><b>SILICONE RUBBER SEALER</b></p> <p><b>£299</b></p> <p>Bonds, seals, caulks. Applies evenly, quickly. Moisture resistant. Ideal for antenna installation. With applicator tip. 64-2314 <b>£2.99</b></p>	<p><b>ROSIN FLUX REMOVER</b></p> <p><b>£139</b></p> <p>Removes flux deposits from electrical, electronic circuits. 6 oz. 64-2324 <b>£1.39</b></p>															
<p><b>ELECTRONIC CONTACT CLEANER</b></p> <p><b>£159</b></p> <p>For maintenance and cleaning of electrical and electronic equipment. Special for any micro-direct or high frequency currents. Non-flammable, non-toxic, non-corrosive. Safe on plastic, rubber, paints and metal. 95 gr. 64-9026 <b>£1.59</b></p>	<p><b>ELECTRO CLEANER</b></p> <p><b>£129</b></p> <p>Cleans and protects against corrosion, restores electrical efficiency and mechanical performance. Ideal for electrical equipment and motors, cables, ignition distributors, relays. 95 gr. 64-9027 <b>£1.29</b></p>	<p><b>COMPONENT COOLER</b></p> <p>● Finds Intermittents Fast <b>£139</b></p> <p>Spray on resistors, capacitors to chill them and spot thermally defective part. 6 oz. 64-2321 <b>£1.39</b></p>	<p><b>SILICONE LUBE</b></p> <p><b>£129</b></p> <p>Spray lubricates mating surfaces of most materials, including non-metals. Fights corrosion. No harmful residue. 6 oz. 64-2310 <b>£1.29</b></p>															

# GIVE YOUR PROJECTS THE PROFESSIONAL TOUCH

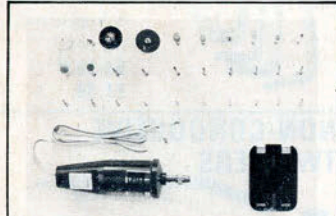
## PRECISION MINIATURE DRILL SET

- Ideal for Jewelry, PC Boards, Sculpture!
- Accepts Drill Bits from 0.2 to 2.5 mm!
- Operates on Batteries or AC Adaptor!

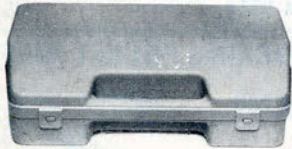
£24<sup>95</sup>



Thousand and one uses... Use it anywhere! A portable, precision power tool that can be used for countless hobby projects! This small (only 125 mm long) and light (160 g) device is perfect for all delicate jobs such as polish, mill, drill, saw... Requires power supply, 9-14 V DC (not supplied). Complete with three drill collet to ensure a precise centring of drill bits. **64-9033 £24.95**

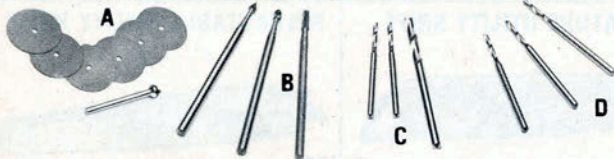


**DRILL SET AND ACCESSORIES**  
Complete with 30 attachments for the drilling machine



**CARRYING CASE**  
The complete set is stored in a rugged plastic case.

## ACCESSORIES FOR ABOVE DRILL SET



**A.** 6 saw blades, 22 mm, 0.5 mm thick (Ref G) and support. **64-9036 £1.69**

**B.** Milling tools, 2.4 mm (Ref V. W. X). **64-9037 £1.69**

**C.** Drills, 1.2, 1.5 and 2 mm (Ref. R). **64-9038 £1.69**

**D.** Drills, 3 x 1 mm (Ref. R). **64-9039 £1.69**

**FLEXIBLE**  
Complete with inter-changeable drill collet. Length: 55 cm. **64-9035 £6.49**



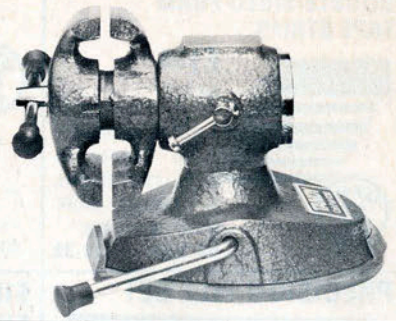
**DRILL STAND**  
The three-point hanger avoids any torsion, lever allows you to lower the drill 25 mm. **64-9034 £8.99**



## VERSATILE VICE

- 2 Rotative Jaws!
- Suction Cup Base!

£6<sup>99</sup>



Helps to sit up where the work is. Made from rugged specially selected steel. **64-9083 £6.99**

## "HELPING HANDS" HOLD WORK IN PLACE

£6<sup>95</sup>

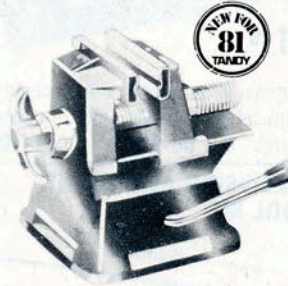
- Leaves Hands Free for Glueing, Soldering, Fastening, Assembly and Repair.



Six ball joints and two nickel-plated alligator-type clamps adjust to any angle - really simplifies work. Solid cast iron base. **64-2093 £6.95**

## PORTABLE MINI-VISE

£14<sup>99</sup>

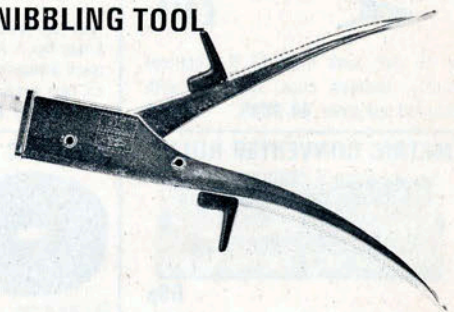


Handy for holding parts during on-the-spot soldering, glueing and drilling. Positive vacuum attachment for instant mounting and easy removal from any smooth, non-porous surface. Just flip lever to attach or detach. **64-2094 £1.49**

## FAST-CUTTING NIBBLING TOOL

£7<sup>99</sup>

Hand-cut sheet metal quickly and easily. Cuts holes to any shape and size in up to 18-gauge steel (1.3 mm); copper, aluminium and plastic up to 1.6 mm thickness. Made of hardened, tempered steel. **64-823 £7.99**



## SCRIBE-ETTE BATTERY POWERED ENGRAVER



£1<sup>69</sup>

- Cordless - Ideal for arts and crafts!
- Scribe on metal, wood, plastic, nameplates - anywhere!

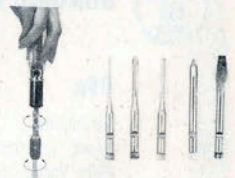
Makes it easier than ever to engrave almost anything. Light weight, comfortable to hold. Marks anything from jewelry to bicycles. Molded case. 170 mm long. Requires just two "AA" batteries. **64-2177 £1.69**

## AUTOMATIC SCREWDRIVER



£5<sup>29</sup>

Just push up or down the three-position slide switch, and the blade is rotated in the desired direction. Complete with 6 blades (2 standard screwdrivers, 1 nutdriver and 3 gimlets) that fit into the handle. Length: 26 cm. **64-9082 £5.29**



## UNIVERSAL AC ADAPTOR

£4<sup>95</sup>

Power source for battery operated transistor radios, cassette players, etc. from any 220/240 V AC supply. 3 range voltage selector switch for output of 3-4.5-6 volts at 300 mA. 1.7 m cord with connection, submin power jacks, 9 V battery clips. Also charges rechargeable batteries if polarity is reversed.

● Use House Current and Save Batteries. **270-9538 £4.95**

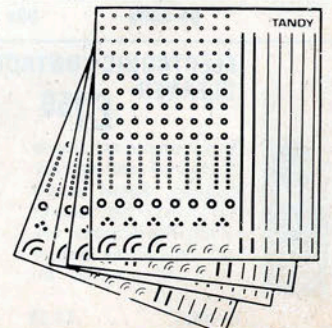


## TRANSFER-SYMBOLS FOR PC BOARDS

£1<sup>75</sup>

- For Ultra-Precise Transfer of the Circuit on the PC Board!

The symbols, points and lines can be directly transferred on the copper side and are each resistant against ferric chloride solution. Each sheet includes several 1 mm and 1.5 mm wide lines; 2, 3 and 5 mm diameter points; 1 and 1.5 mm 90° curves, transistor sockets and Dual-in-3 Line IC socket, 5 sheets. **64-9030 £1.75**



# JOIN WITH THE BEST ARCHER SOLDERING SUPPLIES

## HIGH QUALITY SOLDERING IRONS

● Makes Your Soldering Jobs Fast and Easy!

These soldering irons feature steel barrels and special heating elements with mica insulation bedded in ceramic, and unbreakable heat-resistant handles. All three soldering irons are designed to operate on 240 V AC.

**£6<sup>95</sup>**

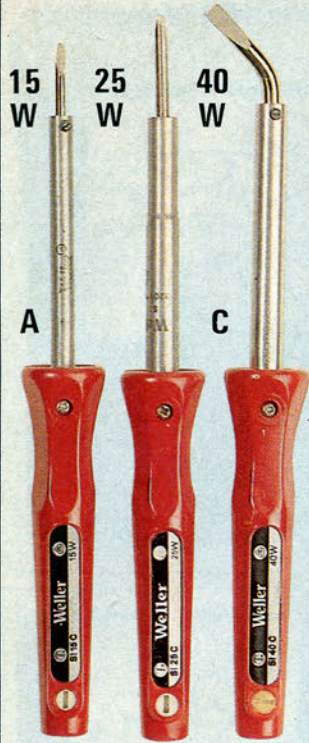
A. 15 watt soldering iron with special "Long-Life" heating element, Stay-cool grip, 2.5 mm tip.  
64-9016 **£6.95**  
64-9017 tips for above, each 99p

**£6<sup>95</sup>**

B. 25 watt soldering iron with nichrome mica insulated element, 4.5 mm tip.  
64-9012 **£6.95**  
64-9013 tips for the above, each 89p

**£7<sup>99</sup>**

C. 40 watt soldering iron with 6.3 mm wide, flat and bent heating element.  
64-9014 **£7.99**  
64-9015 tips for the above, each 99p



## PRECISION MINIATURE SOLDERING IRON **£7<sup>95</sup>**

A high-precision soldering iron for the most delicate jobs! Small in size but great in performance! Length: 18 cm. Temperature 360° C. Operates on 240 V AC. 64-9018 **£7.95**  
64-9019 Replacement tip for above **99p**

## CORDLESS, RECHARGEABLE SOLDERING IRON

**£24<sup>95</sup>**

No more cord tangle – you can take it with you for easy soldering anywhere. Heats up in only 5 to 10 seconds; high-efficiency copper tip spreads solder evenly. Easy-grip handle, push-button on/off, built-in worklight. No need to change the nickel cadmium battery – just plug into 220/240 V AC and recharge it overnight!  
64-9077 **£24.95**

● Solders Up To 100 Connections Per Charge!

## INSTANT HEAT GUN 8200 D

**£17<sup>95</sup>**

● Built-in Spotlight  
● Fingertip Trigger Action!

A superb piece of craftsmanship with a built-in spotlight to help you do first class work in hard-to-get-at-areas. The easy-to-hold-handle has a fingertip trigger action and helps prevent fatigue. High efficiency copper soldering tip. Tip wrench included. 100 W 240 V AC. 50 Hz.  
64-9010 **£17.95**  
64-9011 Tip for above **69p**



## 4-PIECE ARCHER SOLDER KIT

**£2<sup>19</sup>**



The kit includes a heat sink, pointed probe, brush/scraper and a slotted probe.  
64-2227 **£2.19**

## SOLDERING IRON STAND

**£3<sup>49</sup>**



Protects user and work area. Just place iron inside holder – coil dissipates heat rapidly.  
62-2078 **£3.49**

## DESOLDERING VACU-BULB

**£1<sup>89</sup>**

● Teflon Tip!  
● Safe and Fast!

Takes up solder easily and leaves your work area clean.  
64-2086 **£1.89**



## PRE-CUT TAPE SOLDER

**99p**

● Melt With Match

Wrap tape around twisted wires, heat with match or candle and get a good connection every time.  
64-010 **99p**



## "SOLDER-UP" REMOVER WICK

**£1<sup>29</sup>**



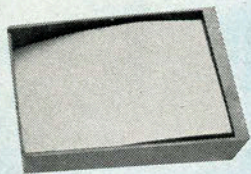
The fastest and safest way there is to desolder anything from micro circuits to large lugs in conjunction with your soldering iron. Available in 170 cm rolls.  
64-2090 **£1.29**

## CLEAN-TIP SPONGE

NEW FOR 81 TANDY

**£1<sup>69</sup>**

Removes excess solder, keeps your soldering tips clean for more efficient heat transfer, doubles tip life.  
64-2087 **£1.69**



## SOLDER CREAM

**£1<sup>59</sup>**

● Just Squeeze On And Heat!

Instantly joins copper, brass, tin, iron, steel, stainless steel, nickel, zinc and silver. Ensures permanent bright joints.  
64-011 **£1.59**



## DESOLDERING TOOL



● Spring-Loaded

**£4<sup>99</sup>**

Makes desoldering a snap – just set the plunger and you're ready for instant, powerful desoldering. Easy, one-hand operation helps even large solder connections come clean in a hurry.  
64-2085 **£4.99**

## "MINI" DESOLDERING VACUUM PUMP



● No-Stick Spout  
● One-Hand Action

The "Snortini" pump makes it easy to desolder and rework miniature and microminiature circuits.  
64-2091 **£3.99**

## ROSIN CORE ELECTRONIC SOLDER

Choose standard, light duty or the special solder required for PC work. Meets QQ-571D Federal specifications.

Cat. No.	Quantity	In mm	Use	Price
64-001	2.1 m	1.29	Standard	79p
64-002	5.5 m	1.29	Standard	£1.59p
64-004	15.2 m	1.29	Standard	£2.69p
64-005	15.2 m	1.02	Light Duty	£2.49p
64-006	15.2 m	0.81	PC Work	£1.99p
64-007	230 gr	1.29	Standard	£4.99p



Aluminium Solder

**£1<sup>49</sup>**

Solder suitable for work on aluminium.  
64-9200 **£1.49**

Stainless Steel Solder

**£1<sup>99</sup>**

Suited to all solder jobs with stainless steel.  
64-9201 **£1.99**

Saybit Solder

**£1<sup>99</sup>**

A solder for general work on all metals.  
64-9202 **£1.99**

# A MICRONTA MULTITESTER FOR ANY PURPOSE



**DUAL FET MULTITESTER**  
26 RANGES  
**£29<sup>95</sup>**

- Ohms Range Doubler
- 10-Megohm Input

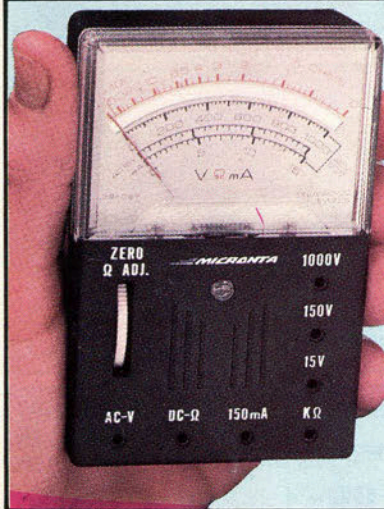
Dual FET input for accuracy and minimum loading—even when testing critical circuits. 11.5 cm mirrored scale to prevent parallax errors. DC Volts, 0-1-3-10-30-100-300-1000. DC Current 0-1-100  $\mu$ A; 0-3-30-300 mA; Resistance 0-30-300-3k-30k-1 megohm; 0-100-1k-10k-100k-3 megohms; Sensitivity: DC Volts, 10 megohms (33 megs for 1000 V range); AC Volts, 10k ohm per volt. DC current 300 mV; Accuracy, 4% AC volts, 3% all other ranges. Requires 9v battery. 22-209 **£29.95**

**50,000 OHMS/VOLTS**  
**43 RANGES**

**£24<sup>95</sup>**

- "Range-Doubler" Circuit!
- Overload Protected Meter!

Range doubler provides more accurate readings on both current and voltage—great for low voltage transistor servicing. 11.4 cm meter has colour-coded mirrored scale. Ranges: DC volts, 0-250 mV, 2.5-10-50-250-1000 at 50 k ohms/volt, 0-125 mV, 1.25-5-25-125-500 at 25 k ohms/volt; AC volts 0-10-50-250-1000 at 10 k ohms/volt, 0-5-25-125-500 at 5000 mA, 10 A at 50 k ohms/volt, 0-25  $\mu$ A, 2.5-25-250 mA, 5 A at 25 k ohms/volt; Resistance, R x 1, R x 10, R x 100, R x 1000, R x 10,000 (10 centre scale), dB, -20 to 62 in 8 ranges, Accuracy,  $\pm$ 3% DC,  $\pm$ 4% AC. With leads, instructions. Requires 1 "AA" and one 9v battery. 22-204 **£24.95**



**1000 OHMS/VOLT**  
**AC/DC 8 RANGES**

**£6<sup>95</sup>**

- Compact Size!
- Two Colour 5 cm Meter!
- Thumb-Set Zero Adjustment

Handy multimeter for home and workshop. Easy-to-read two colour 5 cm meter, pin jacks for all 8 ranges. Reads AC and DC volts: 0-15-150-1000 DC current: 0-150 mA. Resistance: 0-100,000 ohms, Accuracy:  $\pm$ 3% full scale on DC ranges,  $\pm$ 4% on AC ranges. Mirrored scale. Uses precision 1% tolerance resistors throughout. Enclosed in ultra-compact black bakelite case. Complete with leads, instructions. Requires 1 "A" battery. 22-027 **£6.95**

**20,000 OHMS/VOLT**  
**18 RANGES**

**£12<sup>95</sup>**

- Low-priced and Full-Featured!
- Practical Rotative Selector!

Low-priced VOM with expensive model features. Single-knob range selector with separate "off" position, 7.6 cm meter with easy-to-read colour-coded scales. Pin jack connections. Ranges: DC volts, 0-5-25-125-500-1000 at 20 k ohms/volt; AC volts, 0-10-50-250-1000 at 10k ohms/volt; DC current, 0-50 mA, 0-250 mA; Resistance, R x 1, R x 10, R x 1000 (24 centre scale); Decibels, -20 to 62 in 4 ranges; Accuracy, 3% on DC ranges, 4% on AC. With lead instructions. Requires 1 "AA" battery. 22-201 **£12.95**



**20,000 OHMS/VOLT**  
**25 RANGES**

**£14<sup>95</sup>**

- Rotative Selector!

Highly sensitive, full-range multimeter with single-knob range selector and easy-to-read 10 cm meter with colour-coded, mirrored scales. Pin jack connections. Ranges DC volts, 0-0.6-3-15-60-300-600-1200 at 20 k ohms/volt; AC volts, 0-15-60-150-600-1200 at 10 k ohms/volt; DC current, 0-60  $\mu$ A, 3-30-300 mA; Resistance, R x 1, R x 10, R x 100, R x 1000 (24 centre scale); Decibels, -20 to 63 in 5 ranges; Accuracy  $\pm$ 3% DC,  $\pm$ 4% AC. Complete with leads, instructions. Requires 1 "AA" battery. 22-202 **£14.95**

**30,000 OHMS/VOLT**  
**27 RANGES**

**£19<sup>95</sup>**

- Polarity Reverse Switch!
- Mirrored Scales!

Highly accurate precision tester for labs, servicemen, technicians. Colour-coded 10 cm meter, banana jack connections, polarity reverse switch. Ranges: DC volts, 0-0.3-1-3-10-30-100-300-1000 at 30k ohms/volt; AC volts 0-10-30-100-300-1000 at 10k ohms/volt; DC current, 0-100  $\mu$ A, 3-30-300 mA, 10 A; Resistance, R x 1, R x 10, R x 1000, R x 10,000 (10 centre scale); Decibels, -10 to 62 in 5 ranges; Accuracy,  $\pm$ 3% DC,  $\pm$ 4% AC. Compact and rugged with carry handle. Test leads, instructions included. Requires 1 "AA" and one 9v battery. 22-203 **£19.95**



**TESTER CARRY CASES**

**£1<sup>69</sup>**

- Protects Your Test Equipment
- View Meter Scale Without Removing Case

Organises and protects your valuable test equipment. You can carry the tester, test leads, manuals and extra batteries. Tough, stain resistant vinyl case. Meter not included. 22-153 **£1.69**

Detects one-shot, low repetition rate, narrow pulses Nonsymmetrical duty cycles of less than 30% light Lo-LED over 70% light Hi-LED. Minimum detectable pulse width: 300 nanoseconds. Over voltage and reverse polarity protected. With 91 cm power lead. 22-300 **£19.95**

**DIGITAL IC LOGIC PROBE**



**£19<sup>95</sup>**

**AC/DC CIRCUIT TESTER LIGHTS**

90-500 Volt Tester spots grounded lines, shorts opens. 272-201 **79p**

**79p**

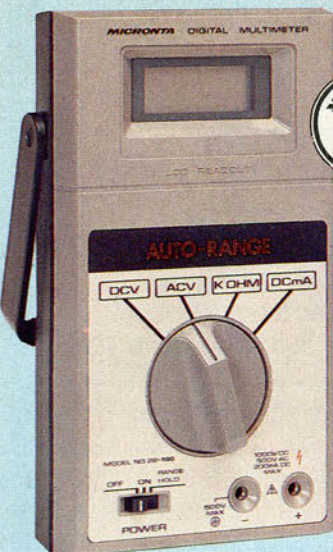
5-50 Volt Tester for checking car wiring, door chimes, filaments, batteries. 272-202 **£1.59**

**£1<sup>59</sup>**



# MICRONTA TESTERS – PRECISION YOU CAN RELY ON

## 3½-Digit LCD Auto Range Multitester



- Overload Protected
- 10-Megohm Input

**£64<sup>95</sup>**

You select the desired function – DC Volts, AC Volts, K-Ohms or DC milliamps – it selects the correct range and polarity, automatically! Exclusive range-hold overrides auto-range when desired. Measures up to 1000 volts DC, 500 volts AC, 200 mA DC, 20 megs resistance. Low-battery and over-range indicators. Size: 15.24 × 9.60 × 4.01 cm. With lead. Requires 9V battery or AC adaptor.

22-196

**£64.95**

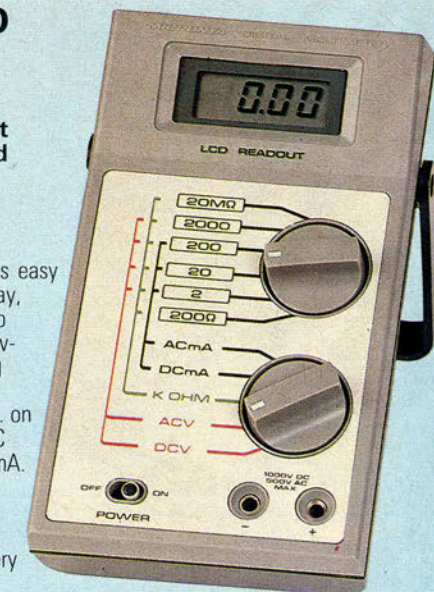
## 3½-Digit LCD Multitester

- 20 Ranges
- 10-Megohm Input
- Compact size and weight

**£49<sup>95</sup>**

Digital multimeter features easy to read liquid crystal display, automatic polarity and zero adjust, over-range and low-battery indicators. Reading ±1.999. AC and DC volts: 2-20-200-2000 (500V max. on AC, 1000V max. on DC) AC and DC current: 2-20-200 mA. Resistance 200-2K-20K-200K-2M-20 Mohm. Complete with leads and manual. Requires 9V battery or optional AC adaptor.

22-198



**£49.95**

## Dynamic Transistor Checker



**£9<sup>95</sup>**

Shows current gain and electrode open and short circuit. Tests low, medium or high power PNP or NPN types. Go/No-Go test from 5-50 mA on power types. "Quick-check" sockets, clip leads for in circuit checks. 159 × 76 × 57 mm.

22-024

**£9.95**

## Low Cost 3½-Digit LCD Multimeter

- 13 Ranges
- 10-Meg Input

**£39<sup>95</sup>**

Easy to read LCD display with 6.3mm high digits. Features automatic polarity and zero adjust, over-range indicator. AC volts: 200-2000 (500V max.). DC volts: 2-20-200-2000 (1000V max.). DC current 2-20-200 mA. resistance 2K-20K-200K-2M. Requires 9V battery or AC adaptor.

22-197

**£39.95**



## Easy to Use and Accurate

### £2<sup>79</sup> Signal Injector

For RF, AF circuits, Tube or Solid State. Quick and easy troubleshooting of each stage from antenna to speaker. Signal on/battery condition indicator. Requires 2 "AA" batteries.

22-4033

**£2.79**



### AC/DC Circuit Tester

LED indicates continuity and voltage with two brightness levels. Accuracy in 1-300 volts ranges. Detects DC polarity. Overload protected. Requires 2 "AA" batteries.

22-4034

**£1<sup>99</sup>**

**£1.99**

## Microwave Leakage Detector

Microwave-frequency leakage from the door seals of faulty ovens can cause serious and even permanent health problems. Protect yourself and your family with this microwave monitor. Easy to use – move detector along seams and meter indicates the relative amount of any microwave energy. Requires no AC power or batteries.

3 × 4.5 × 11.5 cm. 22-2001

- Use to Regularly Check for Leakage from any Microwave Oven

**£6<sup>95</sup>**



**£6.95**



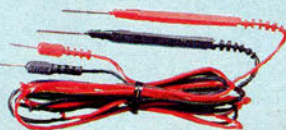
## Test Lead Kits & Clips for Quick, Convenient Testing

**£1<sup>25</sup>**

A. "Flexi" Test Leads. "Flexiprobes" with moulded strain relief to eliminate wire breakage. Fit most testers.

278-740

**£1.25**

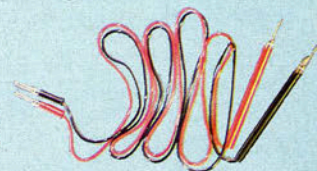


**£1<sup>75</sup>**

C. 1-3m Test Leads with Banana Plugs. Nickel-plated solderless brass tips. Moulded handles.

278-746

**£1.75**

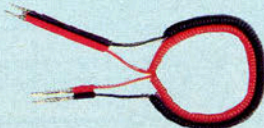


**£2<sup>79</sup>**

B. Coiled Cord Test Leads. Colour-coded. Solderless 12.5cm test probes at one end, banana plugs at other. Coiled cord extends to 1.8m Fits any multitester.

278-750

**£2.79**



**£2<sup>19</sup>**

D. Mini Clip Test Leads. Miniature clip at one end, banana plug at other. Gold-plated tip conductors. 5.5cm long.

278-1160

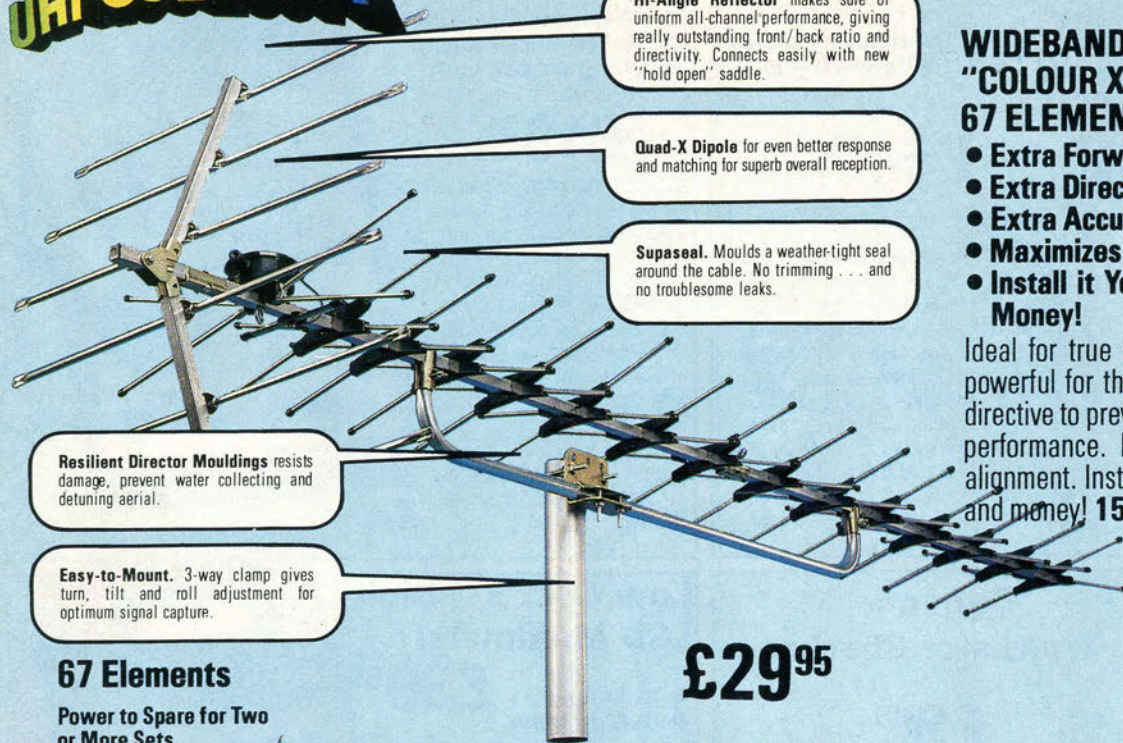
**2 for £2.19**



# TANDY'S MOST POWERFUL UHF AERIALS!

**UHF COLOUR**

**ARCHER**®



**Hi-Angle Reflector** makes sure of uniform all-channel performance, giving really outstanding front/back ratio and directivity. Connects easily with new "hold open" saddle.

**Quad-X Dipole** for even better response and matching for superb overall reception.

**Supaseal.** Moulds a weather-tight seal around the cable. No trimming... and no troublesome leaks.

**Resilient Director Mouldings** resists damage, prevent water collecting and detuning aerial.

**Easy-to-Mount.** 3-way clamp gives turn, tilt and roll adjustment for optimum signal capture.

**67 Elements**

Power to Spare for Two or More Sets

**£29<sup>95</sup>**

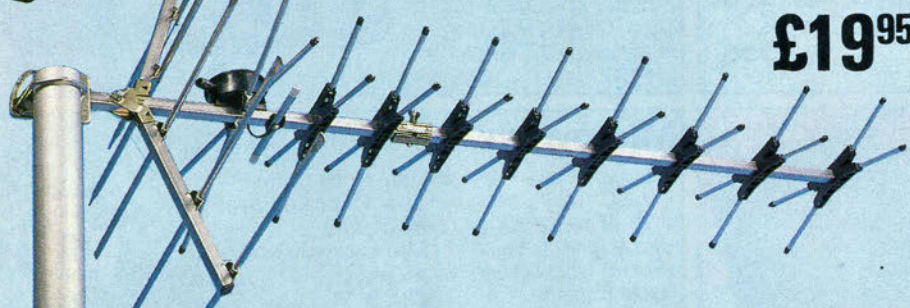
## WIDEBAND CHANNELS 21-68 "COLOUR X-TEND" 67 ELEMENT UHF ARRAY

- Extra Forward Gain!
- Extra Directivity!
- Extra Accurate Matching!
- Maximizes Every Microvolt!
- Install it Yourself—Save Time and Money!

Ideal for true colour reception and ultra powerful for the outer fringe area. Highly directive to prevent ghosting and maximize performance. May be rolled for vertical alignment. Install it yourself and save time and money! **15-9309 £29.95**

**UHF COLOUR**

## WIDEBAND CHANNELS 21-68 "COLOUR X-TEND" 43 ELEMENT UHF ARRAY



**£19<sup>95</sup>**

- Perfect for Problem Areas!
- Pre-Assembled for Easy Mounting!

Compact aerial which will give top quality reception in those areas where ordinary aerials won't work. Highly directive prevent ghosting and maximize performance. Put it up yourself and sit back to hours of trouble-free viewing! **15-9308 £19.95**

## SUPER GAIN 18-ELEMENT UHF AERIAL

- For the Best Medium/Long Range Reception!

End the frustration of interference on your favourite TV programme with this superbly designed Archer Super-Gain 18-Element Aerial and enjoy perfect reception on all channels all the time! And Tandy saves you installation costs too, as your aerial is supplied complete with easy-to-install instructions. Nominal forward gain: 14.7 dB.

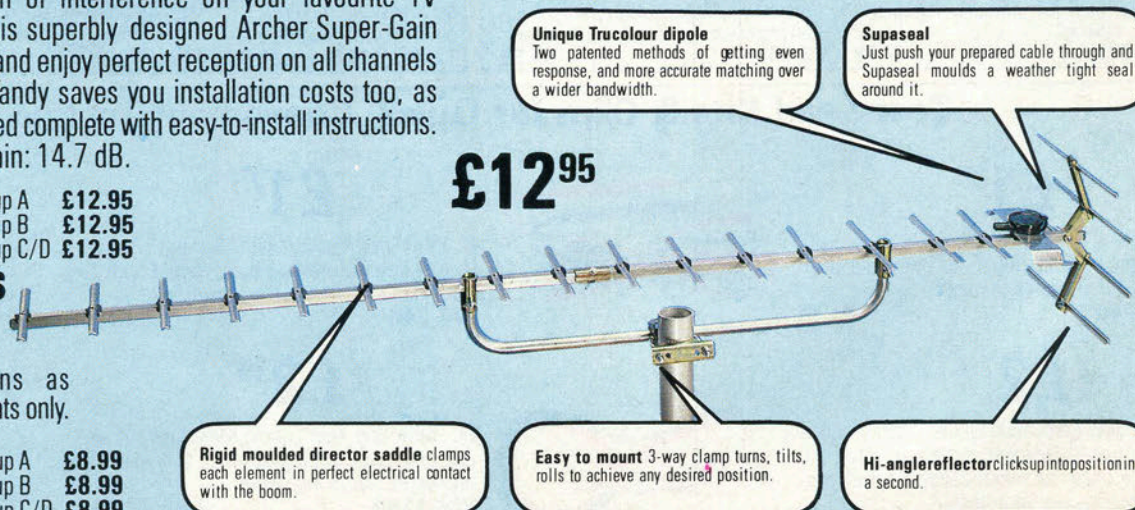
- 15-9275 Channel Group A **£12.95**
- 15-9276 Channel Group B **£12.95**
- 15-9277 Channel Group C/D **£12.95**

**18 ELEMENTS**

Same specifications as above but 10 elements only.

- 15-9272 Channel Group A **£8.99**
- 15-9273 Channel Group B **£8.99**
- 15-9274 Channel Group C/D **£8.99**

**UHF COLOUR**



**Unique Tricolour dipole**  
Two patented methods of getting even response, and more accurate matching over a wider bandwidth.

**Supaseal**  
Just push your prepared cable through and Supaseal moulds a weather tight seal around it.

**£12<sup>95</sup>**

**Rigid moulded director saddle** clamps each element in perfect electrical contact with the boom.

**Easy to mount 3-way clamp** turns, tilts, rolls to achieve any desired position.

**Hi-angle reflector** clicks up into position in a second.

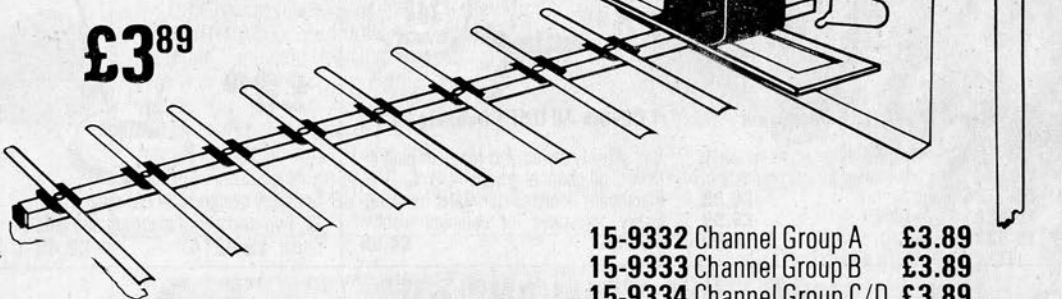
# DO IT YOURSELF...SAVE ON PRICE & INSTALLATION

## ARCHER®

### 10 ELEMENT LIGHTWEIGHT UHF AERIAL

The investment is small, but the results often dramatic . . . this ten-element antenna is ideal for strong signal areas. Installs easily in the loft or on the roof with just a wrench and a screw-driver. Waterproof junction box. **£3.89**

**£3<sup>89</sup>**



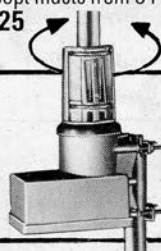
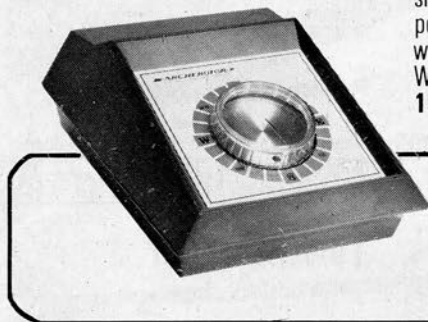
15-9332 Channel Group A **£3.89**  
 15-9333 Channel Group B **£3.89**  
 15-9334 Channel Group C/D **£3.89**

### ARCHEROTOR AUTOMATIC AERIAL ROTATOR

**£59<sup>95</sup>**

- Dial any Direction—Your Aerial Follows Automatically in 30 Steps

The stylish control cabinet features a "moving light" that's synchronized with your aerial and shows the exact aerial direction in 3° steps. The powerful motor is lifetime lubricated, has positive worm-drive and high-strength aluminium housing. Will accept masts from 31 to 52 mm. 220/240V AC. **15-1225 £59.95**



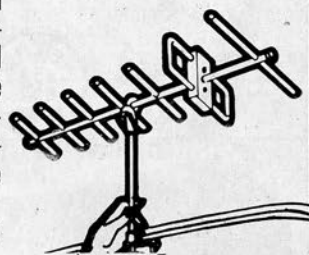
Heavy-Duty High-Torque Motor Turns Aerial 360° in less than a minute! Disc Brake Prevents Overshoots!

### 7 ELEMENT CAR ANTENNA

- The Handy Caravan TV Aerial!
- Ready-to-Plug-In!

The ideal aerial for the short stop . . . fitted in seconds. 7 element all-channel UHF aerial with anodized elements and weatherproof cable junction unit. Mounting brackets for permanent or no-hole fixing included. **15-9335 £8.99**

**£8<sup>99</sup>**

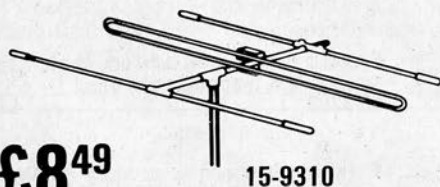


## ARCHER®

### FM AERIALS GUARANTEE SUPERB SOUND QUALITY

Present day technology is capable of giving sound quality on radio which is superior to anything you may have heard on tape or record. However, this performance is largely dependent upon the level and quality of the signal fed into the FM tuner. FM stereo, for example, needs up to ten times the level of signal required for mono. And so for the first-class results you need a first-class aerial.

High-quality Archer 3 and 4-element FM aerial in extruded aluminium alloy. Both are easily mounted on the roof or in the attic. Strong double J-bolt mast attachments fits any size mast.



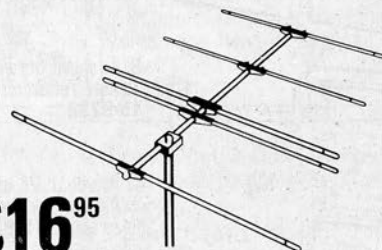
**£8<sup>49</sup>**

15-9310

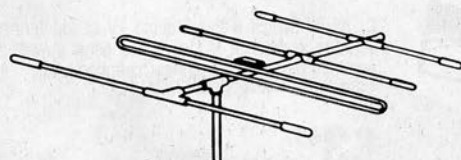
15-9310 3-element, 5 dB gain **£8.49**

15-9270 4-element, 7 dB gain **£16.95**

**£16<sup>95</sup>**



Specially designed elements and dipole give high gain over the entire FM band. High directivity cuts out unwanted signal reflections which cause distortion. Use with a rotator or add it to your TV mast. Elements snap into position for easy assembly.



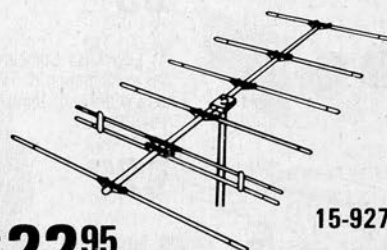
**£10<sup>49</sup>**

15-9311

15-9311 4-element, 6.5 dB gain **£10.49**

15-9271 6-element, 9.5 dB gain **£22.95**

**£22<sup>95</sup>**

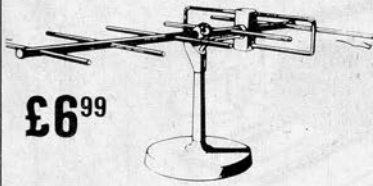


15-9271

# TANDY INDOOR AERIALS - VISIBLY BETTER

## OUR MOST POPULAR SET TOP

£6<sup>99</sup>



• Suitable for all UHF Reception

Compact and elegantly styled in cream white and gold. Easy adjustment for best reception.  
 15-9234 Group A £6.99  
 15-9235 Group B £6.99  
 15-9236 Group C/D £6.99

## TOPTENNA SET-TOP AERIAL

£4<sup>95</sup>



• Covers All UHF Channels 21-68

Distinctively styled and ready to plug in. Covers all channel groups A, B, C, D, E. Electrically isolated for safe handling. Easily adjustable for optimum results.  
 15-9342 £4.95

## V AERIAL FOR IMPROVED FM RADIO RECEPTION

£6<sup>49</sup>



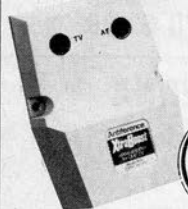
Specially designed for FM radio (Band 2). Two-arm aerial in cream and gold finish. 15-9214 £6.49

## FM STEREO SUPREME MULTI-POSITION AERIAL

£9<sup>95</sup>



Cuts FM drift and noise, improves signal reception and selectivity. Multi-position fine tuning knob. 15-1820 £9.95

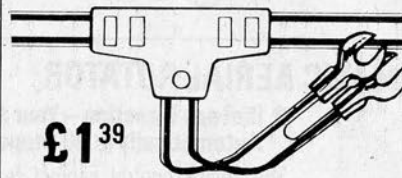


£17<sup>95</sup>

## UHF AERIAL AMPLIFIER

• Triples Incoming Signal Strength

Covers all UHF TV channels for sharper picture. Equally effective for colour or black and white. Styled to blend with your home, it is safe to leave on for long periods. Just fix to wall with screws provided. 15-9344 £16.95



£1<sup>39</sup>

## FM DIPOLE AERIAL

Get better FM reception the easy way! Quick-connect lugs attach to your antenna terminals for fast and foolproof installation. 300 ohms. 42-2385 £1.39

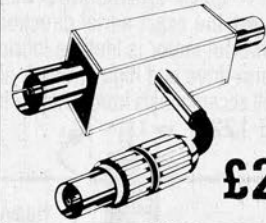


£16<sup>95</sup>

## EXTRA SET BOOST

• Operates Two Sets From One Aerial

Designed to overcome the problems of operating two TV sets from one aerial. Eliminates splitter and cable losses. Suitable for colour or monochrome across all UHF channels. Connects to aerial and set by standard TV plug. 15-9343 £17.95

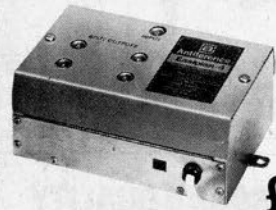


£2<sup>99</sup>

## TV-GAME ADAPTOR

• Quick and Easy to Install

Allows you to connect aerial and TV-video-game to your TV-set. 15-9137 £2.99



£44<sup>95</sup>

## TV/FM DISTRIBUTION AMPLIFIER

An ultra-wideband VHF/UHF amplifier that supplies signal input to two or three TV receivers and an FM tuner from one aerial installation. Input/Output impedance: 75 ohm. Output gain: 2 dB. 220/240 v 50 Hz operation. 15-9341 £44.95



£2<sup>99</sup>

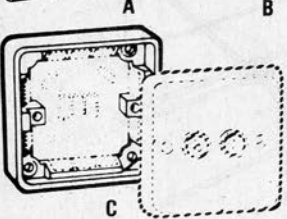
## TV/FM OUTLET

To separate TV and FM signals in a common downlead at the receiver. With special built-in diplexer. Complete with screws for mounting. Can also be used to combine TV and FM aerials, if required. 15-9306 £2.99

## ARCHER WALL, SURFACE & FLUSH MOUNT OUTLETS, FLYLEADS



A. Flush mounting single coaxial outlet box. Screw terminals. VHF/FM/UHF all suitable. Use with pattribox (15-9297) below. 15-9295 £1.99

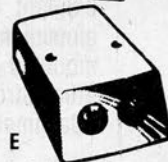


B. As above, but with 2 cable inputs and 2 coaxial socket outputs. Perfect for TV and FM use. 15-9292 £2.69

C. Pattribox. 28 mm deep in durable white thermoset plastic. For surface or in-wall-mounting of flush outlet boxes above. 15-9297 99p



D. Single Surface coaxial outlet box. Screw terminals, single coaxial socket output. High impact polystyrene with 2 mounting holes. For TV or FM. 15-9296 £1.19

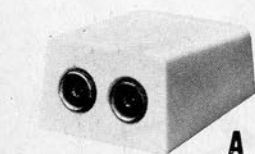


E. Double surface coaxial outlet box. As above but for two cable input, two coaxial socket output. 15-9293 £1.89



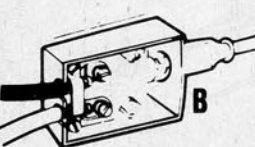
F. Flylead. To connect aerial socket (as above) to receiver input. Coaxial plugs both ends. 1.8 m long. Fully insulated. 15-9294 £1.49

## ARCHER DIPLEXER, SPLITTER, AERIAL SWITCH, FM TRANSFORMER



£3<sup>59</sup>

A. Low Loss Combiner/Splitter. Combines or divides any combination of TV and FM signals. Low-loss and ultra-wideband. Ideal for combining two UHF aerials. 15-9340 £3.59



£2<sup>49</sup>

B. Splitter Unit. Divides signal from single aerial to drive 2 TV sets or one TV set and one FM set. Standard coaxial plug input, screw terminals and braid clamp outlets. 15-9285 £2.49



£3<sup>49</sup>

C. Aerial Switch. For switching TV or FM tuner from aerial to another or to switch one aerial downlead from one receiver to another. Screw mounting holes. 15-9284 £3.49



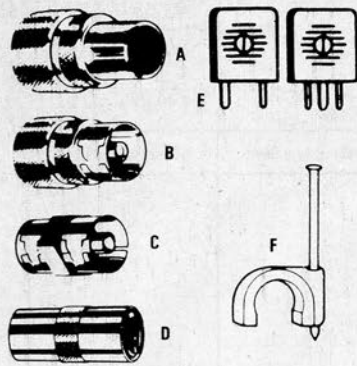
£3<sup>49</sup>

E. 75/300 ohms Transformer. For matching 240/300 ohms input FM receivers to standard 75 ohms coaxial cable. Input for coaxial cable output 300 ohms flat lead. 15-9298 £3.49



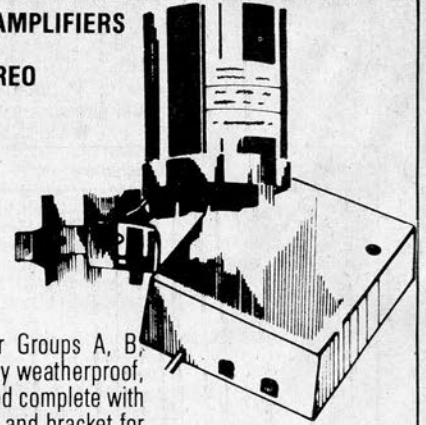
# ARCHER ACCESSORIES MAKE AERIAL INSTALLATION EASY

## ARCHER AERIAL CONNECTORS & CLIPS



**A. Coaxial Aerial Plug.** Suitable for standard or low-loss coaxial cables for TV or FM. Design to BS3041. **15-9287 59p**  
**B. Coaxial Cable Socket.** Suitable for standard or low-loss coaxial cable for TV or FM. Bright zinc plated steel. 'C' spring for strength. Designed to BS3041. **15-9291 69p**  
**C. Coaxial Cable Adaptor.** A back-to-back socket with nickel-plated brass body, polypropylene insulation and bright zinc-plated steel. For TV and FM. With 'C' spring. Designed to BS3041. **15-9286 64p**  
**D. Extension-Piece.** Extension piece for coaxial plugs and coaxial jacks. **15-9138 59p**  
**E. AM/FM Aerial Plugs.** One DIN 45315 IEC plug for AM and one DIN 45316 IEC plug for FM. **15-9120 79p**  
**F. Coaxial Cable Nail-In Clips.** Plastic body fits 7 mm cable. For indoor or outdoor use. Box of 20. **15-9262 59p**

## MASTHEAD AMPLIFIERS FOR UHF TV AND FM STEREO



Channelled for Groups A, B, C/D or FM. Fully weatherproof, they are supplied complete with perforated strip and bracket for mast or surface mounting.

**15-9299** Group A, 15 dB gain **£15.95**  
**15-9300** Group B, 14 dB gain **£15.95**  
**15-9301** Group C/D, 11 dB gain **£15.95**  
**15-9302** VHF/FM, 15 dB gain **£15.95**  
**15-9303** Power unit for above amplifiers **£17.45**

## IN-LINE ATTENUATORS

Used to reduce signal to your TV set, which becomes necessary when a close station provides too strong a signal for your aerial. FM, VHF or UHF.

**15-9288** 18 dB attenuation **£1.69**  
**15-9289** 6 dB attenuation **£1.69**

## LOW-LOSS UHF COAXIAL CABLE

Highest quality, low-loss cable for UHF and FM installations. Copper screen covered. 7 mm diameter, 75 ohms. Attenuation per 100 meters: 7dB at 100 MHz, 22 dB at 600 MHz. **15-9260 39p**

1 - 10 m	11 - 25 m	More than 25 m
35 p/m	34 p/m	33 p/m

## 3-CONDUCTOR ROTOR CABLE

3-core control lead. Each core is colour-coded to enable you to install it easily yourself. Conductors are 0.5 mm<sup>2</sup> each and are insulated in 6 mm diameter PVC. **15-9263 69p**

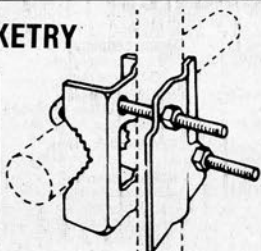
1 - 10 m	11 - 25 m	More than 25 m
34 p/m	33 p/m	32 p/m

## BRACKETRY

### EASIMOUNT

**£1<sup>69</sup>**

For loft or surface mounting of outdoor UHF and FM aerials **15-9304 £1.69**

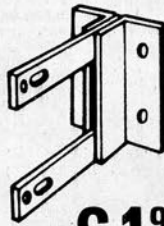


**79p**

### UNIVERSAL MAST CLAMP

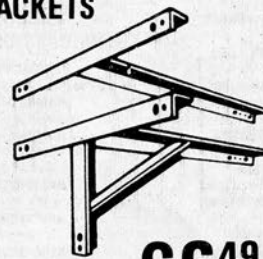
This lightweight mast attachment clamp is adaptable for max. 25.4 mm dia. boom/extension mast and max. 50 mm dia. mast. **15-9322 79p**

## WALL-BRACKETS



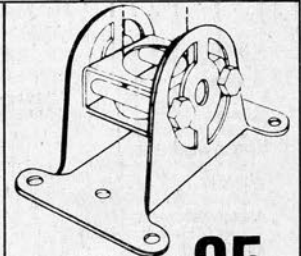
**£1<sup>99</sup>**

15.2 cm wall bracket for masts up to 32 mm in diameter. Complete with 'V'-bolts. Offers secure mounting for your aerial. **15-9331 £1.99**



**£6<sup>49</sup>**

30.5 cm Stand off heavy duty wall bracket for masts up to 50 mm dia. With 'V'-bolts. Completely safe and reliable. **15-9321 £6.49**



**95p**

### LOFT MOUNT

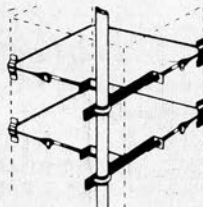
With a swivel bracket for wall or joist mounting, this is an ideal base for mounting your aerial in the loft. Takes masts up to 25.4 mm in diameter. **15-9249 95p**

## COMPLETE CHIMNEY LASHING KITS

### SINGLE CHIMNEY LASHING KIT

**£4<sup>49</sup>**

Single chimney lashing kit for lightweight aerials. Securely holds masts up to 32 mm diameter. Kit is supplied complete with cable, galvanized mount, corner plates and 'V'-bolts. **15-9250 £4.49**

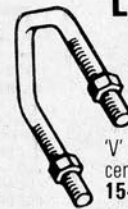


### DOUBLE CHIMNEY LASHING KIT

**£8<sup>95</sup>**

For masts up to 50 mm diameter. Safely keeps mast away from chimney. Easy to set up heavy-duty kit with 2 mounts, cable, corner plates and 'V'-bolts. **15-9251 £8.95**

## LASHING EQUIPMENT



### 'V' BOLTS

'V' Bolt 3/8" x 2 1/2" centre. With nuts. **15-9323 29p**

**29p**

'V' Bolt 5/16" x 1 3/4" centre. With nuts. **15-9324 29p**

### ULTRA-RESISTANT WIRE



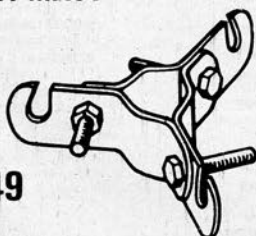
**£1<sup>39</sup>**

5.10mm (17 ft) coils 7/16" gauge wire for perfect aerial installation. **15-9325 £1.39**

## GARDEN MAST EQUIPMENT

### SEGMENT MAST COLLAR

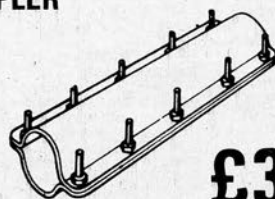
**£1<sup>49</sup>**



3-Hook segment mast collar with bolts for 38-50 mm dia. masts. **15-9327 £1.49**

### 380 mm JOINTING COUPLER

**£3<sup>49</sup>**



For connection 50 mm dia. masts. Galvanised. **15-9328 £3.49**

## HEAVY-DUTY AERIAL MASTS

- Only Heavy 16 and 18-Gauge Used!
- For Firm Support!

**AS LOW AS £3<sup>99</sup>**

Easy to install antenna mast ideal for perfect TV and crystal-clear FM reception!

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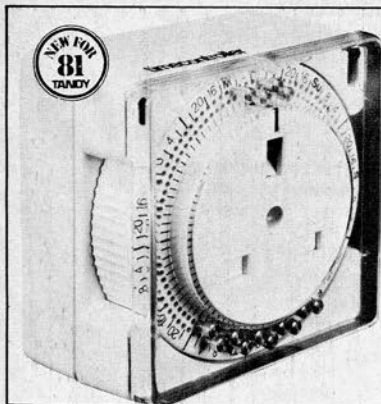
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# HIGH QUALITY ELECTRICAL ACCESSORIES



## 7 DAY TIMER SWITCH £18<sup>95</sup>

- Simple to Operate — plugs straight into socket

Time Switch is simple to use and requires no special installation. Accepts and controls domestic electrical appliances up to 3.1. KW at 240 Volts. Complete with setting pins and protective covers. 61-9139 £18.95



## HI-FI MAINS DISTRIBUTION UNIT

£16<sup>95</sup>



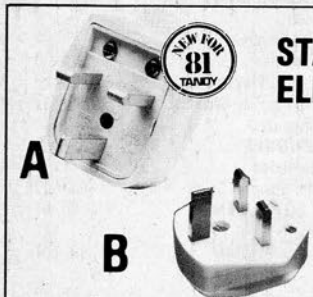
Connecting hi-fi equipment to the mains usually means untidy and sometimes dangerous installations. Mains Distribution Units are a neat and safe solution. Uses industry standard miniature 6 amp mains connecting system. 61-9141 £16.95

### A. In-Line 4 Socket Distribution

£17<sup>90</sup>

### B. Line Socket

Makes up adaptor leads to make with 6 amp mains plugs. Easy to connect screw terminal connection. Internal cable grip. 61-9142 £1.79



## STANDARD 13 AMP ELECTRICAL PLUGS

- A. 13 amp, square 3 pin rubber plug. BS1363/A. 61-9133 £1.19
- B. 13 amp square 3-pin plug. BS1363/A. 61-9106 59p



## TRAILING SOCKET OUTLETS

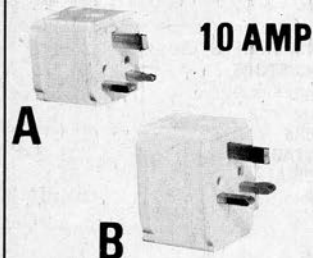


### B

- Safe Rubber Construction

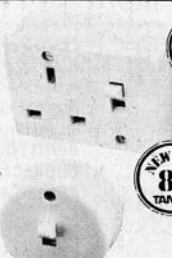
A. 13 amp 1 Gang resilient trailer socket. Internal cable holder. In white. 61-9127 £1.69

B. 13 Amp 2 Gang resilient trailing socket. Internal cable holder. In white. 61-9128 £3.59



## 10 AMP PLUG ADAPTORS

- A. 13 amp 3-pin adaptor takes 2 x 13 amp square plugs. 61-9108 £1.19
- B. Multipug adaptor, 13 A square pin, with inputs for 3 x 13 amp plugs. 61-9107 £1.69



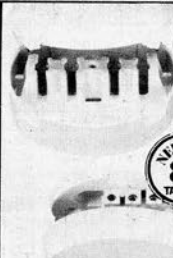
## 13 AMP SWITCHED OUTLET SOCKET

Gang 13 amp switched in white. 61-9125 £2.99



## 5 AMP SURFACE SWITCH

Moulded white case 5 amp A.C. to BS3676 61-9126 £1.99



## JOINT BOX

5 terminals. 20 amp. B5816 as applicable. In white. 61-9136 99p



## CEILING ROSE

2 terminals and earth with integral backplate. White B567 where applicable. 61-9130 89p

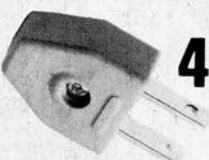


## RAZOR ADAPTOR

99p

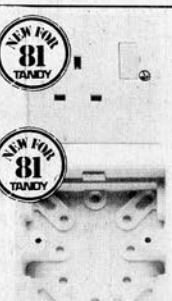
Will accept 2-pin razor plugs to British, American and Continental standards. For use in 13 amp square pin sockets. Complete with spare fuse. 61-9111 99p

## AMERICAN 2-PIN PLUG



49p

Allows you to connect American outlets with any other device (turntable, recorder, etc.). 61-9117 49p



## SWITCHED SOCKET OUTLET

Double Pole Switched Socket outlet. 1 gang. A.C. only. B51363. White. 61-9134 £2.39



## SURFACE BOX

Moulded Box B5 1363 fixing 1 gang 29 mm deep. White. 61-9135 79p



## LAMPHOLDER

Cord grip lampholder. Small B.C. In white. 61-9132 69p

69p

## BATTEN LAMP HOLDERS

3 terminals and earth. Heat resisting tails to a 4-way terminal block. Home office shield. White. 61-9129 99p



99p



## 13 AMP HANDIREEL EXTENSION

£17<sup>95</sup>

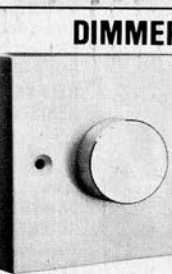
13 Amp Extension cable in moulded plastic carry case incorporating power warning light. Nylon plug and socket. 61-9131 £17.95

## EXTENSION LEADS



5 Amp Extension cable ideal for Hi-Fi: With nylon plug and socket. 61-9123 £6.95

13 Amp Extension cable with nylon plug and socket. 61-9124 £8.95



## DIMMER SWITCH



£11<sup>95</sup>

- Fits Standard Wall Box
- B.S. Approved

Continuously Variable Wall Light switch from off to 600 watts. B.S. approved anti-interference circuit. 61-9122 £11.95

## MAINS INTERFERENCE SUPPRESSOR



£18<sup>95</sup>

Plugs directly onto domestic appliances. Up to 1500 watts, 6 amps. With 65 cm lead and standard 13 amp fittings. 61-9120 £18.95



## FUSES

British made to BS 1362. Bubble packs containing 4 fuses. 61-9100 5 amp 35p 61-9101 13 amp 35p



## FUSE WIRE



29p

Handy pack of fuse wire. 5, 15-30 amp ratings. 61-9136



## FUSE WIRE KIT

Useful kit to keep in the house. 5, 13, 15, 30 amp fuses with fuse wire. 61-9137 £1.19



## INTERNATIONAL TRAVEL PLUG ADAPTOR

- Lets You Use Appliances Anywhere! £5<sup>95</sup>
- Can be used with portable electrical appliances right across the world. It can be made into a plug, a socket or be fitted into a lamp socket. Suitable for 120/240V max, 2 amps 2 pin earthed. 61-9118 £5.95

USE ANYWHERE!  
 Europe & Africa (1) USA, Canada & Japan (1)  
 United Kingdom & Africa (1) Australia & N.Z. (1)



# HIGH PRECISION ACCESSORIES FROM TANDY

## Deluxe Metal Detector

Search for valuables of all kinds — coins, relics, lost jewellery, keys, hardware. The ferrous/non-ferrous control optimize circuit for detecting magnetic or non-magnetic objects. Separate volume and sensitivity controls, built-in 2" speaker and earphone jack for audible detection. Visual indicator. Requires 6 "AA" batteries. **63-3001\* £24.95**

- 8" Water Resistant Search Coil.
- Less than 2lbs in Weight.

**£24<sup>95</sup>**



Requires operators licence.

## Micronta Electronic Blood Pressure Tester

- No Stethoscope Required
  - Visual/Audible Readings
  - Easy One-Hand Operation
- £39<sup>95</sup>**

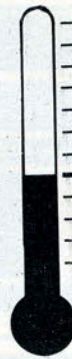
Micronta BP-1. Sphygmomanometer makes it simple to check your blood pressure. You get instant readings on the large scale, from 20 to 300. Red flashing light and "beeper" indicate systolic (upper) and diastolic (lower) blood pressure. Includes charts for keeping a record of blood pressure and a case for the tester. Built-in microphone transducer takes the place of the stethoscope. Automatic release valve. Requires 9V battery. **63-660\* £39.95**



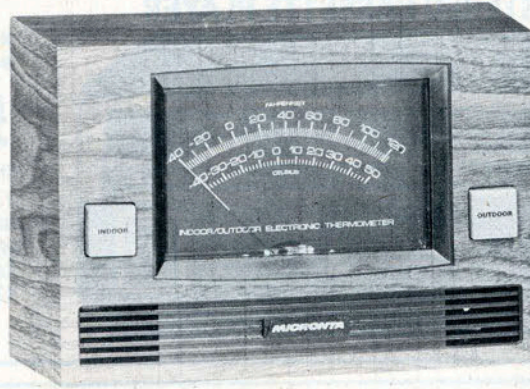
## Indoor/Outdoor Thermometer

- All-Electronic Operation
- Dual-Range Scale

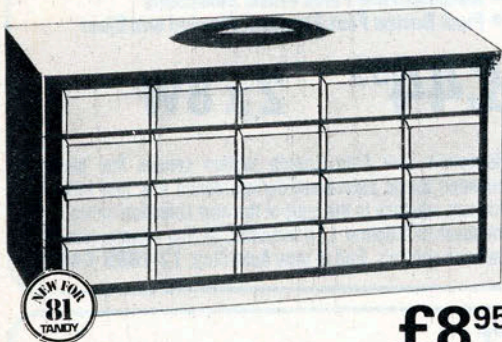
**£18<sup>95</sup>**



Push a button for indoor or outdoor temperature readings — electronically! Big 4½" scale reads —40° to +120° Fahrenheit, —40° to +50° Celsius. Simulated walnut finish. Outdoor sensor may also be placed in another room, aquarium, even a freezer. Requires 9V battery. **65-651\* £18.95**



## 20-Drawer Storage Cabinet



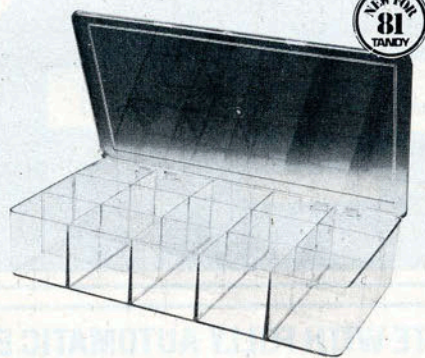
- Ideal for Organizing Parts, Hobby Accessories, Anything

Don't lose small items — this versatile bin makes them easy to find. Steel frame, baked enamel finish, clear plastic drawers. 6¾ x 13 x 6¼".

**64-2028\***

**£8.95**

## Storage Boxes



From **89p**

Cat. No.	Size	Sections	Each
64-552	8½ x 4¾ x 1½"	6 - 18	<b>£2.19</b>
64-553	4¾ x 2⅝ x 1"	6	<b>.89p</b>
64-554	11¼ x 6½ x 2⅝"	5 - 15	<b>£3.99</b>

## Dual Power Lighted Magnifier

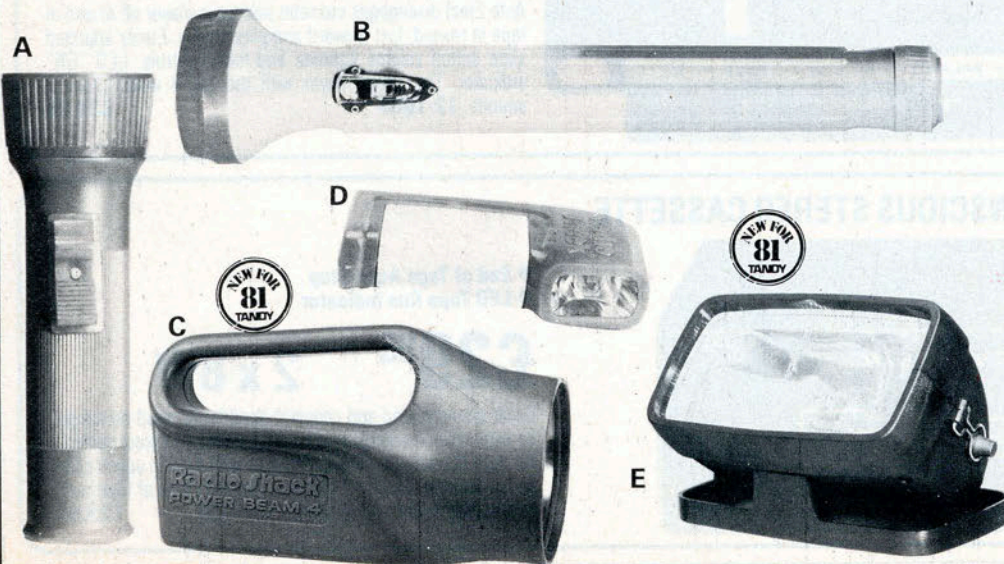
**£2.99**



- 2.5 cm main lenses!
- For reading maps, small type or close electronic work. Focuses light exactly where you need it. Requires two "AA" cells.

**63-848\***

**£2.99**



**A Low Cost 2 Cell Torch.** Two tone moulded body. Requires 2 "D" cells. **68-2624\* 69p**

**B Powerbeam Torch.** Powerful — 450m light beam, non-breakable moulded case, hanger ring. Requires 5 "D" cells. **68-1001\* £1.59**

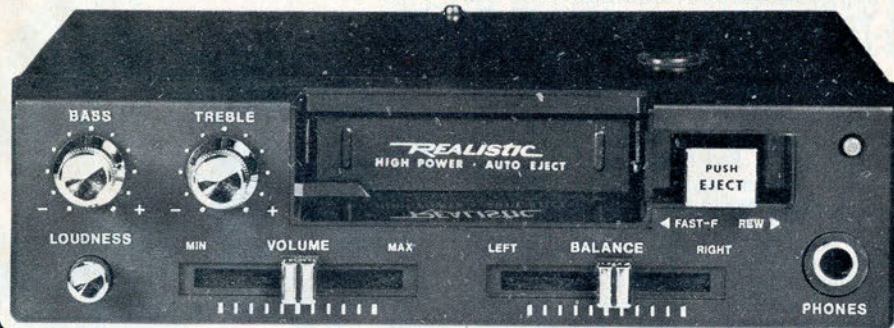
**C Power Beam-4.** Lantern with modern styling thumb switch, built-in carry handle. Requires 4 "C" batteries. **68-1034\* £1.98**

**D Pocket Flashlight.** Compact size fits into pocket or purse. Durable moulded plastic body. Requires 2 "AA" batteries. **68-1026\* 55p**

**E Hand-Held Quartz-Halogen Spotlight.** Projects a sharply focused beam. 4 to 5 times brighter than car high beams. With lens cover, hanger hook. Compact and lightweight. Plugs into lighter socket. **61-2649\* £7.95**

**ONLY FROM TANDY**

## HIGH-POWER AUTO EJECT CASSETTE PLAYER



- Triple Normal Power—24 Watts Total
- Switchable Loudness for Improved Bass Response

**£59<sup>95</sup>**

Brings the wide dynamic range of home stereo into your car. Low distortion sound quality even at full volume. Loudness enhances bass response at low volumes. Independent bass, treble, volume and balance controls. Single control for fast forward, eject and rewind. 50-10,000 Hz response. Not to be used with equalizer/booster. Under dash mounting. 12-1809

**£59.95**

## SUPER MINI STEREO CASSETTE PLAYER

**NEW FOR 81 TANDY**



- End of Tape Auto Stop with Indicator Lamp
- Locking Fast Forward and Eject Control

**£24<sup>95</sup>**

The ideal player for today's compact cars, only 40 x 130 x 134 mm small. Simply insert cassette and player starts. Tape run indicator and tape Auto-Stop indicator flashes at tape end. Single locking control for fast forward and eject. Separate slide action tone, balance and volume controls. 12-1803

**£24.95**

## STEREO CASSETTE WITH AUTO SEARCH

**NEW FOR 81 TANDY**



- Automatically Finds Music Selections
- Push Button Fast Forward, Rewind and Eject

**£44<sup>95</sup> 2 x 8W**

Realistic's new Auto Search system senses the 'silence' between music selections during rewind and fast forward. You can advance to the start of the next selection or replay at the touch of a button. LED indicator. Sliding volume, tone and balance controls. End of tape Auto-Stop. 12-1805

**£44.95**

## STEREO CASSETTE WITH FULLY AUTOMATIC EJECT

**NEW FOR 81 TANDY**



- Ejects at Tape End in All Modes
- Locking Fast Forward and Rewind

**£39<sup>95</sup> 2 x 8W**

Auto Eject disengages cassette and turns player off at end of tape in rewind, fast forward and play modes. Easily adjusted slide action volume balance and tone controls. LED "ON" indicator. The small player with the big 8 watts/channel sounds. 12-1806

**£39.95**

## COST CONSCIOUS STEREO CASSETTE

**NEW FOR 81 TANDY**



- End of Tape Auto-Stop
- LED Tape Run Indicator

**£29<sup>95</sup> 2 x 8W**

Great stereo sound and compact good looks need no longer be expensive. Locking fast forward/pushbutton eject control. No need to take your eyes off the road with easy to adjust slide action volume, tone and balance controls. End of tape auto stop in play mode with indicator. 12-1804

**£29.95**

# REALISTIC CAR STEREO FOR MORE DRIVING FUN!

**ONLY FROM TANDY**

- Automatically Reverses at End of Cassette and Plays the Other Side
- Motorized System Pulls in Cassette, Smoothly Lowers it to Play Position

**£99<sup>95</sup>**

Available October 31

Deluxe player with auto-reverse. Cassette music, AM, and superb FM stereo through its low-distortion amplifier. 12 watts total output. Motorized system loads cassettes, push-button changes tape direction instantly. You can find selections on either side of a cassette quickly, without ejecting. Cassette ejects automatically when ignition is shut off. Shafts adjust 13.15 to 16.02. **Size:** 18.23 x 44.45 x 13.15 cm. 12-9174 **£99.95**

## LW/MW/FM STEREO CASSETTE WITH AUTO-REVERSE AND POWER LOADING



**NEW FOR 81 TANDY**

- Auto Eject Automatically Ejects Cassette at Tape End or When Ignition is Turned Off
- Locking Fast Forward and Rewind Controls

**£99<sup>95</sup>**

**2x7W**

Quartz accuracy for tuning and time. Built in clock displays time while you listen to tapes and frequency when listening to radio. LED display has adjustable dimmer for night driving. Mono/Stereo button. 14 watts total output. Mounting hardware supplied. **Size:** 17.78 x 4.44 x 12.73 cm. 12-1889 **£99.95**

## AM/FM STEREO CASSETTE DIGITAL FREQUENCY AND TIME DISPLAY



**NEW FOR 81 TANDY**

- Tape Plug and FM Stereo Indicators
- 50-10,000 Hz Frequency Response

**£69<sup>95</sup>**

**2x7W**

Available October 31

Full feature in-car entertainment centre. Concentric On/Off Volume and Tone control and Tuning/Balance control. Separate pushbuttons for wave band selection. Illuminated tuning scale. Pushbutton Fast Forward/Eject. At tape end motor is automatically stopped and unit changes to audio reception. Mounting hardware and speaker cables supplied. **Size:** 17.8 x 4.4 x 13.5 cm. 12-9173 **£69.95**

## LW/MW/FM STEREO RADIO/CASSETTE



**NEW FOR 81 TANDY**

- Illuminated Radio Dial in Cassette Door
- Tape Auto-Stop

**£49<sup>95</sup>**

Designed for ease of operation. Inserting a cassette starts this player and it stops automatically at end of tape. Pushbutton for locking fast forward and eject. AM/FM switch for the best FM reception. Rotary volume, tone, tuning and balance controls. Shafts adjust 12.7 to 165.1/40.6 cm. 8 watts total output. **Size:** 17.78 x 4.44 x 11.43 cm. 12-1880 **£49.95**

## AM/FM STEREO/CASSETTE FOR DASH MOUNTING



**NEW FOR 81 TANDY**

- Tape Auto-Stop
- Mounts Vertically or Horizontally

**£59<sup>95</sup>**

**2x8W**

Available October 31

Everything's supplied for easy mounting—horizontally or vertically. Pushbutton locking Fast Forward and Eject. Stereo/Mono switch for superior FM, tape and FM stereo. LED indicators and illuminated radio dial. Shafts adjust 4 7/8" or 5 1/8" **Size:** 5.5 x 16.2 x 11.8 cm. 12-1892 **£59.95**

## AM/FM STEREO CASSETTE WITH TWO WAY MOUNTING



**NEW FOR 81 TANDY**

Includes Everything for Mounting Vertically or Horizontally

# REALISTIC CAR RADIOS FOR GREATER DRIVING FUN!



## REALISTIC PUSHBUTTON MW/LW/FM CAR RADIO

- Compact Size to Fit Most European Cars
- 5 Pre-set Pushbuttons

**£54<sup>95</sup>**

De-luxe 3 waveband radio means you can receive a variety of broadcasts no matter where you're driving. Easily fitted in or under dash in most European Cars. Safety conscious 5 push-button waveband selection, for simple, precise tuning and clear sound reproduction. Complete with mounting hardware and connecting cables.

**12-9163 £54.95**



## REALISTIC PUSHBUTTON AM/FM CAR RADIO

- In or Under Dash Fitting
- Built-in Noise Suppression Circuit

**£44<sup>95</sup>**

Superb 2 waveband radio with 5 pre-set pushbuttons. 2 stations AM and 3 on FM. Rotary volume and tuning dials. Built-in noise suppression circuits aid clearer sounds. Complete with full fixtures and fittings for in-dash or under-dash mounting. Size: 160 x 44 x 116 mm.

**12-9162 £44.95**



## REALISTIC PUSHBUTTON MW/LW CAR RADIO

- Five Pre-set Station Pushbuttons
- 12 Volt Positive or Negative Earth Operation

**£24<sup>95</sup>**

Solid state designed, this MW/LW auto radio will meet the demands of value conscious music lovers! Simple operation with smooth controls and 5 pre-settable pushbuttons to give you instant tuning of 3 MW and 2 LW stations—Rotary tuning control over-rides pre-set selection. Illuminated tuning dial. Operates on any 12 volt negative or positive earth system. Complete with universal mounting brackets and hardware. Size: 48 x 108 x 159 mm.

**12-9161 £24.95**



## REALISTIC MW/LW MANUAL TUNING CAR RADIO

- Easy In or Under Dash Mounting
- Reliable Solid State Circuitry

**£15<sup>95</sup>**

Gives you 'Factory installed' quality at a fraction of the price. Fits in or under the dash of most cars, with removable facia panel for a really professional finish. Works with any positive or negative earth 12 volt system. Features illuminated dial, rotary tuning and volume controls and slide switch waveband selector. All mounting hardware and power cable included. Size: 50 x 120 x 160 mm.

**12-9160 £15.95**



All Realistic Radios come complete with mounting hardware and instructions



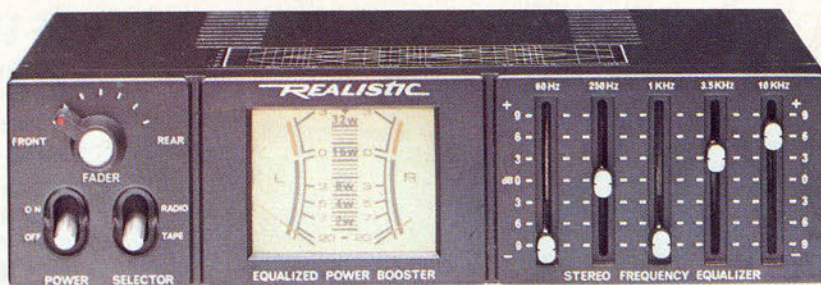
# POWER BOOSTERS & EQUALIZER FOR BETTER IN-CAR SOUND

## 40 WATTS EQUALIZER/BOOSTER WITH POWER METERS

- Lighted Power Meters
- Super-Low Distortion
- 5 Band Frequency Equalizer

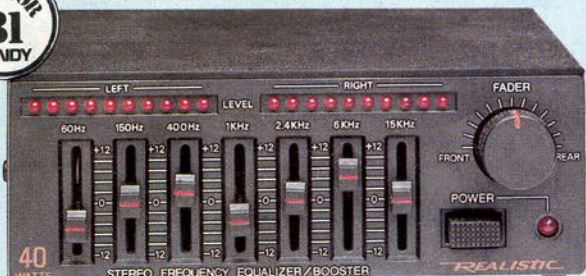
**£49<sup>95</sup>**

The equalizer booster for discriminating listeners! Enough power for superb hi-fi sound in cars, vans or any 12VDC neg. ground vehicle, and only 1% Total Harmonic Distortion (THD) at 30 watts. Equalizer lets you 'customize' frequency response to suit your personal tastes and match vehicle acoustics. Fader control balances 4 speaker systems and Tape/Radio switch lets you select either source without wiring changes. Easy plug-in connections. Under-dash mounting, all hardware included. **Size:** 50 x 187 x 139 mm. **12-1879** **£49.95**



### 7 BANDS WITH FADER CONTROL

NEW FOR 81 TANDY



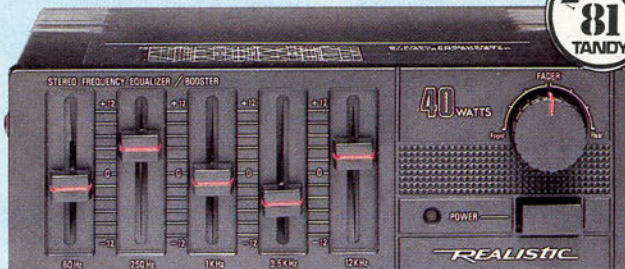
**£49<sup>95</sup>**

- 10 segment LED power indicators for each channel

Add to your car stereo for greatly improved dynamic range and tone. Only 1% total harmonic distortion at 30 watts. Seven slide action controls boost and cut 12 dB at 60, 150, 1000, 6000 and 15,000 Hz for complete tonal command. Front/Rear fader, push button on/off. LED 'on' indicator. **Size:** 51 x 140 x 152 mm. **12-1862** **£49.95**

### 5 BANDS WITH FADER CONTROL

NEW FOR 81 TANDY



**£44<sup>95</sup>**

- Front/Rear Fader balances 4 speaker-systems

Multiplies the audio power of your present system and also increases dynamic range. 5 bands of  $\pm 12$  dB slide action control at 50, 250, 1000, 3500 and 12,000 Hz for sound just the way you like it. Only 1% THD at 30 watts. Push-button on/off switch. LED 'ON' indicator. **Size:** 51 x 130 x 152 mm. **12-1861** **£44.95**

### 5 BANDS AT A BUDGET PRICE

NEW FOR 81 TANDY



**£29<sup>95</sup>**

- Ideal for small cars with only two speakers

Plenty of audio power here plus the flexibility of 5 adjustable audio frequency bands! Boost or cut response as much as 12 dB at 60, 250, 1000, 3500 and 10,000 Hz to suit your personal taste, compensate for your car's acoustics. Low 1% total harmonic distortion at 30 watts. Push-button on/off LED 'on' indicator. **Size:** 51 x 134 x 152 mm. **12-1863** **£29.95**

### STEREO POWER BOOSTER AT A LOW PRICE

NEW FOR 81 TANDY



**£16<sup>95</sup>**

- Improves the performance of any audio source!

40 watts per channel from your tape or radio source. Gives your car the "Big Sound" at a small price. Solid state reliability in a compact, rugged case. 100-10,000 Hz frequency response. All mounting fixtures supplied. **12-1860** **£16.95**

### EQUALIZER/BOOSTER SYSTEM 1

40 WATTS

**£79<sup>90</sup>**



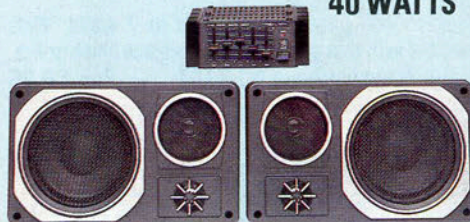
Individual Items **£84<sup>90</sup>**

**12-1879** 40 watts Equalizer/Booster System  
**12-1853** 40 watts Speaker System

### EQUALIZER/BOOSTER SYSTEM 2

40 WATTS

**£53<sup>90</sup>**



Individual Items **£64<sup>90</sup>**

**12-1863** 40 watts Equalizer/Booster System  
**12-1853** 40 watts Speaker System

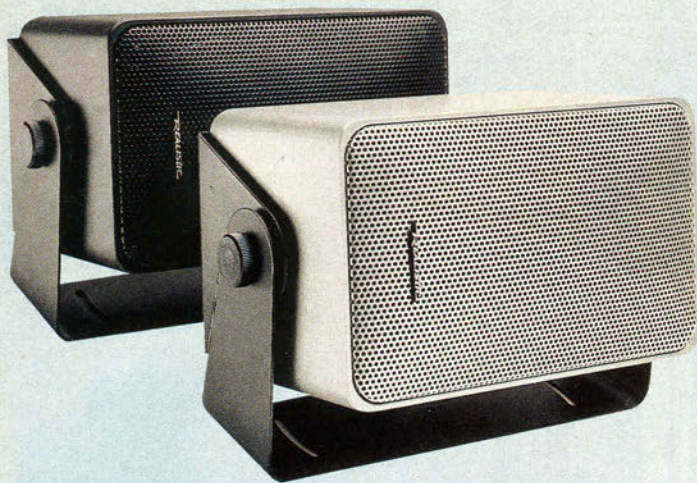
## It's easier than ever to have superb-sounding stereo music in your vehicle...

... just add a Realistic Audio Power Booster or Equalizer Booster to your present autosound system and start hearing what you've been missing! With a booster you'll have the power needed to overcome road, wind and engine noise. The additional power also increases dynamic range — you'll hear more music, more accurately reproduced, at all volume levels.

An equalizer/booster increases power too — and gives you the added benefit of 'custom-tailored' sound. You can adjust the response of 5 separate audio-frequency bands to suit your personal tastes, match the acoustics of your vehicle — even eliminate tape 'hiss'.

**NOTE:** These units are rated in total watts RMS output — left and right channels included. Four 8 ohms speakers with the required power handling capacity give best results. For the 40 watts unit, 4 speakers (each rated 10 watts RMS or higher) or 2 speakers (each rated 20 watts or more) should be used. Boosters and Equalizer/Boosters operate from 12 VDC negative ground only. They cannot be used with common ground (3-wire) speaker wiring or in conjunction with high power stereo players, 4 channel adaptors and speaker switches.

# IN-CAR HI-FI SPEAKER SYSTEMS FROM TANDY



## 2-WAY HI-FI SPEAKER SYSTEM

- Matched Pair, Fit Any Car
- Wide 120 – 18,000 Hz Response



**£34.95**

Use these speakers with high-powered equipment for true hi-fi sound in your car. Surface mount on rear shelf or other suitable surface. Features 133 mm woofer and 50 mm tweeter individually mounted under open mesh grilles. Electronic crossover network. Sturdy moulded housings. With mounting hardware. **12-1853**

**£34.95**

## DE-LUXE 'MOBILE' MINIMUS 7 SPEAKERS

**£29.95** Each

- Diecast Aluminium Enclosers
- Full 50 – 20,000 Hz Response

Amazing sound from a mini speaker system that is ideally suited for both in-car audio and full size home hi-fi systems. The system includes a heavy magnet, large excursion woofer for rich 50 Hz bass, and a soft dome tweeter for wide dispersion and crisp 20,000 Hz highs. Complete with fully adjustable mounting brackets.

**40-2030**

Black **£29.95**

Silver **£29.95** 40 Watts

## BRACKETS FOR MINIMUS 7 SPEAKERS

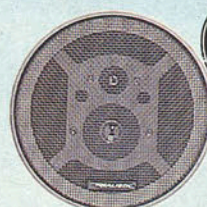
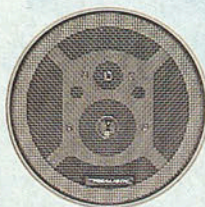
- Mount Speaker Anywhere

For in-car, wall or ceiling mounting. **40-2031** Pair

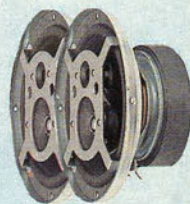
**£8.95**  
Pair



## 3-WAY HI-FI SYSTEM



NEW FOR  
**81**  
TANDY



**£29.95** 60 Watts Power Handling Capacity

High-powered sound! 5 1/4" air-suspension woofer with 20-oz magnet. 1" voice coil – 2" midrange. 1" horn tweeter. Electronic crossover, snap-on metal grilles, mtg. hardware. No retainer rings required. **12-1856** **£29.95**



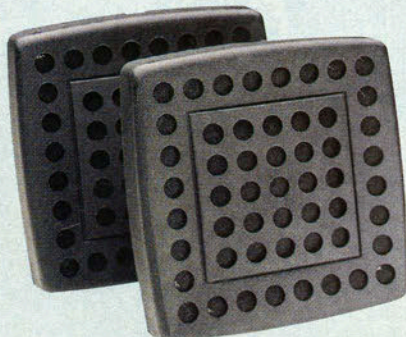
## SLIM SURFACE MOUNT SPEAKERS

**£8.25**  
Pair

- 7 Watts/Channel
- With Rain Guard

Slim 130 mm door speakers with power handling up to 7 watts. Wide frequency response. Complete with rain guard. Luxurious black finish grilles. 4 ohms impedance. Includes fitting hardware. **40-9161** Pair **£8.25**

Pair **£8.25**



## HIGH POWER DOOR SPEAKERS

**£19.95**  
Pair

- Attractive Moulded Enclosures
- 20 Watts/Channel

Superb Performance from 2 x 20 watt flush mount speakers. Use with high power quality car radios and cassette players. Complete with cables and hardware. Just fit and listen! **40-9162**

Pair **£19.95**

## DE-LUXE FLUSH MOUNT SPEAKERS

**£12.25**  
Pair

- Ready to Fit
- 9 Watts/Channel



Pair **£12.25**

De-luxe 140 mm stereo speaker system, superb power and performance combined with ultra-good looks. 4 ohms impedance. Moisture protection. Complete and ready for fitting. **40-9117**

## ULTRA THIN DOOR SPEAKERS

**£14.95**  
Pair

- 20 Watts/Channel



High power ultra-thin 133 mm speakers ideal for door mounting or where space is at an absolute minimum. With moisture seal. No retainer rings required. 8 ohms impedance. Attractive finish metal grilles. **12-1855**

Pair **£14.95**

# REALISTIC FOR BETTER SOUND VALUE

## TANDY'S RANGE OF SURFACE MOUNT SPEAKERS

### MINI SURFACE-MOUNT SPEAKERS



£5<sup>99</sup>

Our lowest cost and smallest surface-mount speakers. 77 mm speakers with large 76 gram ceramic magnet in attractive moulded enclosure. Mount without cutting or fitting. Transfer easily to your next car. Extend only 71 mm from mounting surface 95 x 116 mm wide at base.

12-1852

Pair £5.99

### DE LUXE SURFACE-MOUNT SPEAKERS



£15<sup>95</sup>

133 mm speakers with big 227 gram magnets give high performance car stereo. Acoustic suspension speakers with whizzer cones and cloth-roll construction. Good looking moulded housings mount anywhere in your car. Add prestige sound to any car. 12-1849

Pair £15.95

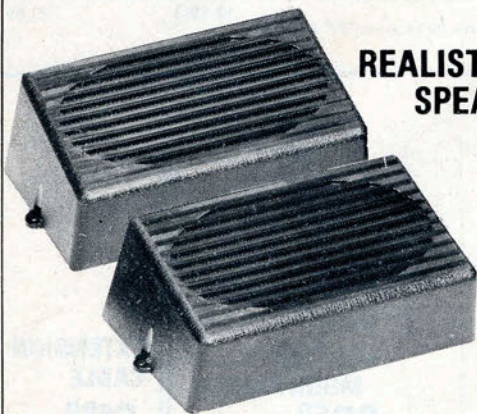
### DUAL CONE SURFACE-MOUNT SPEAKERS



£9<sup>95</sup>

High-quality 133 mm surface-mounts with dual cones. Wide response for impressive car stereo! Big 120 g magnets, whizzer cones, cloth roll construction. Moulded housings mount anywhere—easily! 12-1844

Pair £9.95



### REALISTIC SURFACE MOUNT SPEAKER KIT

£9<sup>95</sup>

- Ready to install

Measuring 95 x 155 mm, these speakers give wide response for fine stereo. 8 watt output power. 4 ohms impedance. Good-looking moulded housings. Complete and ready for rear shelf installation.

40-9113

£9.95

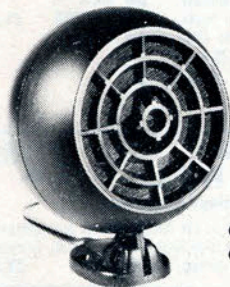
### SPHERE HI-FI SPEAKER SYSTEM

£12<sup>95</sup>

Rear shelf mounting. Crisp reproduction over a 90-18,000 Hz range. 10 watt RMS (15 watts IHF). 4 ohms impedance. Black finish. 1.5 m cable.

40-9126

£12.95



### SWIVEL GLOBE SPEAKERS

£10<sup>95</sup>

- Ready to surface mount
- 7 watts power



Two Deluxe speakers, spherical shaped for powerful car stereo 7 watts power. 4 ohms impedance. Surface mount. Easily transferable. Complete ready to install. Really great value!

40-9125

£10.95

### HI-FI CAR GLOBE SPEAKER

£8<sup>79</sup>

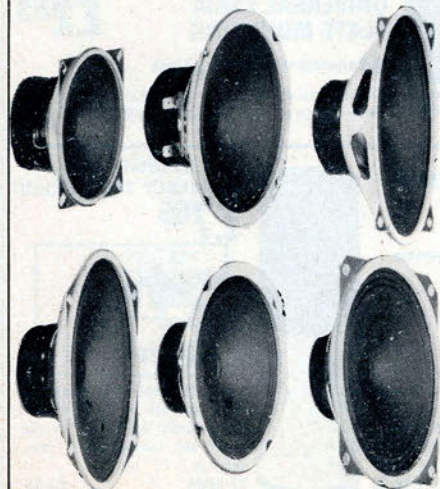
- Ideal for rear shelf mounting



Super high performance, 15 watts IHF. Max (8 watts RMS) wide frequency response. 8 ohms impedance. Complete with cables for easy installation.

40-9129

£8.79



### REALISTIC CAR SPEAKERS AND GRILLES

**A. 100 mm Auto Speaker.** 20 mm voice coil. 100-12,000 Hz, 7 watts, 4 ohms. 40-9100 £3.25

**B. Universal 130 mm Speaker.** 100-12,000 Hz, 7 watts, 4 ohms. 40-9101 £3.59

**C. Rear Deck Speaker.** Wide range. 8 watts, 4 ohms. 95 x 155 mm. 40-9102 £3.59

**D. Replacement Speaker.** For mono or stereo. 8 watts, 4 ohms. 105 x 155 mm. 40-9103 £3.89

**E. Extra Slim 130 mm Speaker.** Total depth only 40 mm. 100-10,000 Hz, 6 watts, 4 ohms. 40-9106 £3.59

**F. Universal Extra-Flat 140 mm Speaker.** 40 mm total depth. 7 watts, 4 ohms. 40-9107 £3.89

Complete ready-to-mount grilles. Non-glare charcoal finish. Factory installed look.

**A. 12.7 cm Moulded Grille.** Door panel or rear deck fitting. Complete, just install. 40-1291 £1.35

**B. 100 mm, 130 mm Loudspeaker Grille.** (For use with Realistic speakers Cat. No. 40-9100, 40-9011 or 40-9106). 40-9108 £1.85

**C. For 105 x 155 mm or 100 x 180 mm Speakers.** (Use with Realistic speaker Cat. No. 40-9103). 40-9110 £1.85

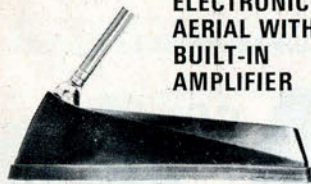
**D. 140 mm Loudspeaker Grille.** (Use with Realistic speaker Cat. No. 40-9107). 40-9111 £2.09

**E. For 95 x 155 mm Speakers.** (Use with Realistic speaker Cat. No. 40-9102). 40-9112 £1.79



# COME TO TANDY FOR AUTO-RADIO ACCESSORIES

## ELECTRONIC CAR AERIAL WITH BUILT-IN AMPLIFIER



£14<sup>95</sup>

### ● Sensitive Car Aerial with Built-In Amplifier!

Six section stainless steel 390 mm aerial. Receives all bands. With drilling template (two holes required), and 2.2 m aerial cable. Completely waterproof. Folds down for car wash. Mounts on any flat surface. 12-9063 £14.95

## BETTER PERFORMANCE WITH FM BOOSTER

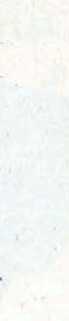
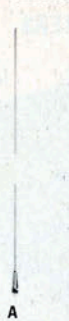


£11<sup>95</sup>

### ● Improves VHF and VHF Stereo in Fringe Areas!

Over 6 dB amplification. Captures more VHF stations with greater clarity. Doesn't affect AM reception. With hardware and instructions. Easy plug-in hookup. 12 V positive or negative earth. 12-1873 £11.95

## REPLACEMENT ANTENNAS & MASTS



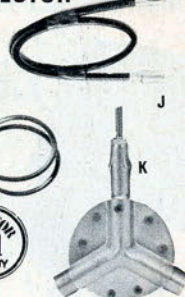
A. Mast. Fits over "stub" of broken antenna. 31" long, stainless steel, ideal for FM stereo. With locking screws. 12-1316 £2.69  
 B. Antenna. One-piece stainless steel. 31" long, ideal for FM or stereo. 48" cable included. 12-1329 £4.99  
 C. Mast. Fits over "stub", 3 sections extend to 22 1/2" to 53". Stainless steel, with locking screws. 12-1309 £2.49

## ANTENNAS FOR BETTER RECEPTION

D. Heavy-Duty Aerial mounts anywhere! 3-section stainless steel mast extends 25" to 60", adjusts to any position. Chromed swivel base, tapered shock spring. With mounting screws and 84" lead. 12-1319 £8.99  
 E. Heavy-duty, 4-section mast extends from 16 1/2" to 57". Chrome plated brass. 35° angle adjustment. Big base, 54" cable with plug included. 12-1302 £5.99  
 F. Universal "8 ball". 3 sections extend from 21 1/2" to 55". Stainless steel. Adjusts a full 35°. 12-1306 £4.99  
 G. Stainless steel spring, swivel ball mount. 3 sections extend from 25 1/2" to 55". Adjusts a full 90°. With 48" low-loss cable. 12-1307\* £5.99

H. 4-screw hole mounting. One-piece stainless steel 31" long mast. With 72" cable. 12-1305 £5.99

## "EXTRA-SHIELDED" CABLES & 3-WAY CONNECTOR



I. 24" Inline Extension. Male connector at one end, female at other. 12-1312 99p  
 J. 12 ft. Inline Extension. Built-in capacitor. 12-1314 £1.39  
 K. Universal 3-way connector connects 2 antennas to 1 radio input or 1 antenna to 2 radios. 12-1313 £1.49

## UNIVERSAL CAR AERIALS

£3<sup>99</sup>

### TELESCOPIC AERIALS

Four sections — stainless steel top sections with 1.20 m cable.

- A. Universal. 36 mm dia. 12-9071 £3.99
- B. Universal. 30 mm dia. 12-9072 £3.99
- C. Aerial for Volkswagen cars, 30 mm dia. 12-9073 £3.99
- D. Aerial for Golf cars, 21 mm dia. 12-9074 £3.99

### DELUXE AERIAL

£4<sup>99</sup>

Telescopic, 5 sections, black, 100% weatherproof. Length: 95 cm with 1.20 m cable. Easily interchangeable second base (supplied)

2 interchangeable bases: one of 30 mm ø and the other of 36 mm ø. 12-9075 £4.99

### FLEXIBLE AERIAL

£4<sup>99</sup>

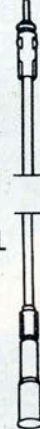
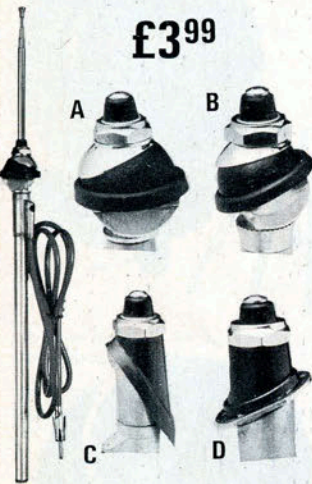
Length: 110 cm, 36 mm. Adjustable inclination up to 45°. Stainless steel rod with 1.20 m cable. 12-9076 £4.99

### B. GUTTER MOUNT AERIAL

£2<sup>69</sup>  
 Screw to gutter over window, enter lead at top of window. Easy to install: no holes. Whip, 80 cm, folds flush with roof. Lead is 170 cm. 12-9061 £2.69

### EXTENSION CABLE

£1<sup>99</sup>  
 4.0 m extension cable. 12-9060 £1.99



## SPEAKER CONTROLS

£1<sup>09</sup>



Speaker switch control selects sound from front, rear or both speakers. Under-dash mounting. 40-540 £1.09



Speaker fader control gives continuously variable sound from front, rear or both speakers. 40-550 £1.09

## SPEAKER CONTROLS

£1<sup>09</sup>

## RADIO/TAPE SELECTOR SWITCH

£1<sup>39</sup>



Allows car radio and separate tape player to use the same pair of speakers. Under dash mounting. Screws included. 270-045

STEREO FADER 270-047 £2.69



Speaker selector switch for separate stereo radio and tape player. Fader control for volume from front and/or rear speakers. 270-046

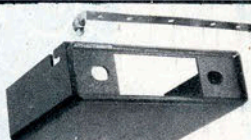
HI-POWER STEREO FADER 270-048 £3.29

## AUTO 4-SPEAKER SELECTOR SWITCH

£3<sup>89</sup>

## UNDER DASH MOUNTING PANEL

£2<sup>95</sup>



● With all Mounting Accessories  
 Accepts most makes of car radios. Mounts unit under the dashboard. Moulded high impact A.B.S. finish. Complete with swivel bracket, screws, etc. 40-9123 £2.95

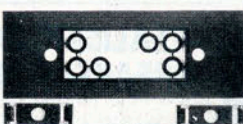
## SNAP-IN RADIO MOUNTING PANEL

£2<sup>89</sup>

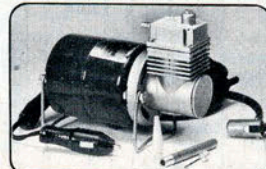
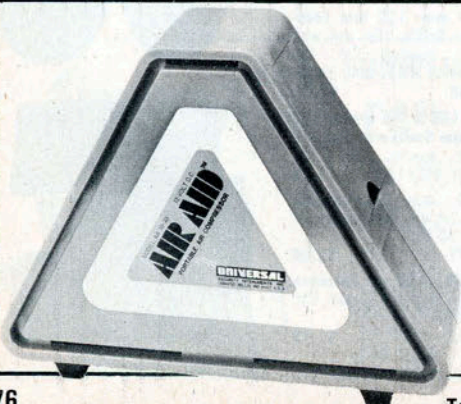
● Fits Most European Cars  
 Mount car radio or tape-player to metal bracket and fascia plate and then snap-fit into dash-board aperture. 40-9160 £2.89

## UNIVERSAL FACIA PLATE MOUNTING

£2<sup>89</sup>



● Complete with Spacing Rings  
 Oversize panel can be easily trimmed to size to give in-dash radio mounting a professional finish. 40-9174 £2.89



## PORTABLE AIR COMPRESSOR - MAKES HAND PUMPS OBSOLETE!

● Plugs Into Your Car's Cigarette Lighter Socket!

£19<sup>95</sup>

Inflates tyres, rafts, beach balls, and sporting equipment quickly, easily. Use it to pressurize water circulation systems in boats and recreation vehicles. Delivers up to 80 lbs of air pressure! Comes complete with 28 inch air hose, 9 foot power cord and plug, plus 2 accessory nozzles. 61-2647 £19.95

## HIGH-INTENSITY EMERGENCY STROBE LIGHT

£7<sup>65</sup>



Get Help Fast Day or Night  
 A pulsing flash 300 times brighter than ordinary flashlights. Weather sealed and compact. Wrist strap. Requires 2 "C" batteries. 61-2644 £7.65

# VERY USEFUL ACCESSORIES FOR YOUR CAR

## DWELL-TACH-POINTS-TESTER

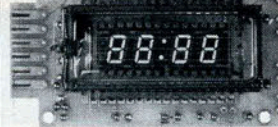


**£12<sup>95</sup>**

Indispensable for routine tune-ups. Reads rpm-0-1200 for 8 cylinder, 0-1600 for 6 cylinder, 0-2400 for 4 cylinder; Dwell 0-45 for 8 cylinder, 0-60 for 6 cylinder, 0-90 for 4 cylinder and points resistance good/bad. Colour-coded leads, insulated clips and high impact case. For all 4-6-8 cylinder cars, 6 and 12 V negative earth systems.

22-1641 **£12.95**

## 12 VDC AUTOMOTIVE/INSTRUMENT CLOCK MODULE



**£17<sup>95</sup>**

Large, easy to read 7.6 mm display features leading zero suppression, blinking colon and auto dimmer circuit. Display blanks automatically to minimize battery drain when ignition is off. Reverse polarity protected 12 volt neg. ground. Includes complete data sheet. 277-1003 **£17.95**



## 12 VOLT DC POWER SUPPLY

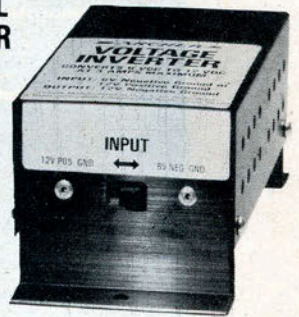
• Operate Car Equipment at Home! **£16<sup>95</sup>**  
• Charges Batteries Top

Use this 12 volt power supply to run or test your car stereo equipment at home. 1.7 amps continuous 12 V DC output. 5 amps surge. Input 220/240 V AC, 50/60 Hz. Fuse protected. For easy connection to tape player, use 270-014 connector cord (below). 22-9127 **£16.95**

## UNIVERSAL CAR POWER ADAPTOR

• Converts 6 V DC input to 12 V DC Output!  
• Converts 12 V positive to 12 V Negative!

**£15<sup>95</sup>**



Most tape players are 12 V negative earth only. If your car is 6 V negative, this adaptor will supply 12 V negative to a tape player or radio. If your car is 12 V positive, it will supply 12 V negative. Rated 3 amps. fuse protects. 22-129 **£15.95**

## DC AUTO ADAPTOR — REDUCES 12 VOLTS TO 6 OR 9 VOLTS

• Includes four different type output plugs

Power portable equipment from your car, truck, RV, or boat. Four different plugs fit almost all equipment with a DC power input jack. 6/9 V switch, reversible output polarity. Delivers up to 300 mA current. 6' cord plugs into lighter socket. For 12 V DC negative ground only. 270-1561

**£4<sup>99</sup>** **£4.99**

## CAR PANEL SWITCHES



A. Flip type toggle switch. Contacts rated 5 A at 12 E DC. Screw terminals. Flexible 25.4 mm lever handle. 275-701 **65p**

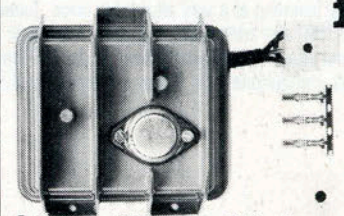
B. Dashboard switch. Featuring control light 5 A at 12 V DC. Ready for fitting. 275-703 **£1.49**

C. SPST 12 V DC 3 A illuminated switch. 275-706 **99p**

D. Auto-Switch Bracket. Double panel for under-dash mounting with hardware. Two 11 mm openings. 38 x 73 x 15 mm overall. 275-705 **39p**

## TRANSISTORIZED IGNITION SYSTEM

**£24<sup>95</sup>**

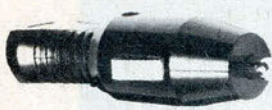


• Increased Mileage per Gallon!  
• For all 4 and 6 Cylinder 12 V Negative Earth Systems!

Get the most from your car by adding this transistorized ignition system! Get quicker starts even in winter, better acceleration, complete combustion for increase mileage, correct ignition timing, reduced wearing of the interrupter contact and spark plugs. Easy to install. Switchable to normal ignition operation. Includes connecting/plug and mounting instructions. 270-9111 **£24.95**

## CAR LIGHTER PLUG

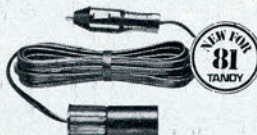
**69<sup>p</sup>**



Lets you power DC accessories directly from the car lighter socket. Lighter plug. 274-331 **69p**

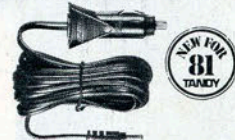
## AUTO EXTENSION CORD

**£3<sup>89</sup>**



10ft. For accessories. 8 amps. 270-1536 **£3.89**

## HEAVY DUTY LIGHTER PLUG



With coaxial power connector, 2 A fuse. 8 ft. 270-1534 **£2.99**

## 12 V OUTLET

**£2<sup>69</sup>**



Add to RV, van or boat for portable radios, TV's, accessories. Rated 15 A with hardware. 270-1537 **£2.69**

## LIGHTER PLUG WITH CORD

**£1<sup>29</sup>**



Lighter plug with 2.5 m cord. 270-021 **£1.29**

## AUTO LIGHTER PLUG ADAPTOR

**£6<sup>99</sup>**



12V Power accessories simultaneously. 3 outlets 15 amps. 270-1538 **£6.99**

## CAR STEREO CONNECTOR



5 pin cord set fits all Tandy and many other type players. In line fuse holder, fuse on 80 cm lead. 4 colour coded speaker leads. 270-041 **89p**

Universal 4/5 pin plug and cord set. Changeable contacts makes up 5 different 4 and 5 pin plugs. 270-017 **79p**

5-pin plug/5 metre speaker cords. Ideal for using tape at home or in second car. Push on terminals. 270-014 **£3.29**

## PACK OF 10 ASSORTED AUTOMOTIVE LUGS

**59<sup>p</sup>**



Insulated automotive lugs for terminal connections. 4 different types. Perfect for almost any connection in your car. Quick to disconnect. 270-9201 **59p**

## UNIVERSAL SUPPRESSOR KIT



Contains 4 plug suppressors, 1 distributor lead suppressor, one 0.5 Mfd suppressor for the coil, one 2.2 Mfd suppressor for alternator or regulator box. 40-9155 **£2.59**

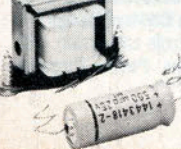
## HIDE-AWAY KEY HOLDER

**29<sup>p</sup>**



Hide an extra house or car key. Powerful magnet riveted to case holds it on any reliable metallic surface. 49-050 **29p**

## RADIO NOISE FITTERS

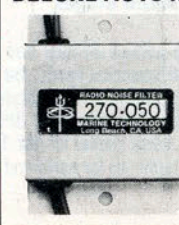


Noise eliminator kits. Each includes filter choke, capacitor and instructions.

Standard Kit 270-020 **£2.29**  
Heavy Duty Kit 270-030 **£2.99**

## DELUXE AUTO NOISE FILTER

**£8<sup>49</sup>**

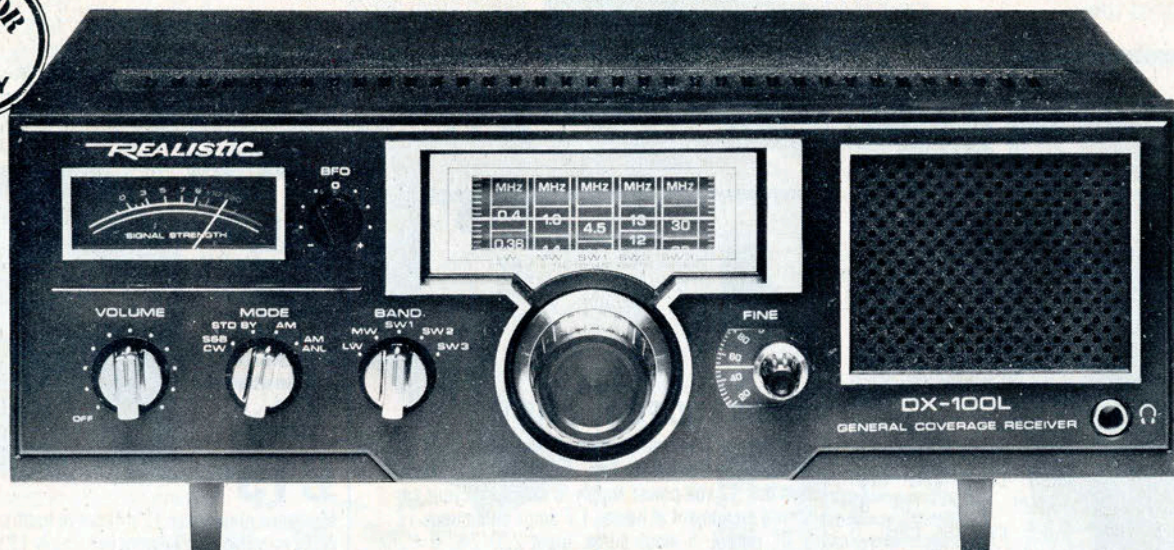


• Rated 5 amps  
Deluxe filter. Two L-X sections. Attenuates noise and interference from ignition and alternator. Suitable for most in-car stereo equipment. 270-050 **£8.49**

# MULTIBAND RECEIVERS BRING THE WORLD INTO YOUR HOME

## FIVE BAND GENERAL COVERAGE RECEIVER

NEW FOR  
**81**  
TANDY



- Fine Tuning Separates Closely Spaced Signals
- Variable BFO for Receiving Single Sideband and Code
- Large Illuminated Main Tuning Dial and Signal Strength Meter

£79<sup>95</sup>

**REALISTIC DX-100L.** The perfect introduction to a fascinating hobby. This easily operated 5 band receiver brings you exciting global listening at a very affordable price. Tunes 150 kHz to 30 MHz in five bands. Variable-pitch BFO for single sideband (SSB) and code (CW) reception. Automatic Noise Limiter reduces impulse-type interference. Ceramic IF Filter cuts signal interference on crowded bands. FET front end captures even the weakest stations. Front speaker gives clear sound. Headphone jack. Power requirements 220/240v AC 50 Hz or 12v DC External source.

20-9206

### Specifications

**Frequency Coverage:** LW 150 — 400kHz; MW 520 — 1620 kHz; SW 1.55 — 4.5 MHz; SW2 4.5 — 13 MHz; SW3 13 — 30 MHz **IF Frequency:** All Bands 455 kHz **BFO Pitch range:** —kHz (at 7 MHz) **Antennas:** Bands A/B/C ferrite rod built-in, plus Telescopic antenna for Bands B/C/D **Power Output:** (8 ohm) 750 milliwatts (10% THD) **Size:** 120 x 300 x 251 mm.

£79.95

## FIVE BAND COMMUNICATIONS RECEIVER

NEW FOR  
**81**  
TANDY



- Frequency coverage from 150 kHz to 30 MHz
- Illuminated Drum-Type Tuning Dials
- Low-Noise MOSFET RF and Mixer Stages

£159<sup>95</sup>

**REALISTIC DX-200.** This feature-packed receiver has calibrated bandspread for easy tuning of the 60-49-31-25-19-14 and 13 meter international broadcast bands, the 80, 40, 20, 15, 10 meter Ham bands and 27 MHz. Built-in quartz-referenced 500 kHz calibrated makes tuning precise. RF gain control adjusts receiver for optimum sensitivity. Aerial trim provides best reception. Variable-pitch BFO and Fast/Slow AGC control gives outstanding SSB performance. Switchable Automatic Noise Limiter for AM. Front speaker and IC audio stage for clear sound. Jacks for headphones, and external speaker, terminals for earth and aerial. 20-205

£159.95

### Specifications

**Sensitivity:** 1  $\mu$ V for 10 dB S/N ratio. **Selectivity:**  $\pm$  4kHz, — 6 dB;  $\pm$  8 kHz, — 40 dB. **RF Gain Control Range:** 80 dB at 7 MHz. **Receiving System:** Single conversion, 455 kHz IF. **Calibrator Accuracy:** 20 ppm. **Power Requirement:** 220/240v AC, 50 Hz.

# OUR BEST DIGITAL READOUT COMMUNICATIONS RECEIVER



- Triple Conversion Quartz Locked Circuit For "On The Nose" Tuning Accuracy
- LED Frequency Display
- Dual-Gate MOSFET Mixers For Low Noise, High Sensitivity

**£259<sup>95</sup>**

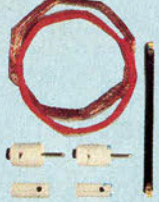
**REALISTIC DX-302.** Our finest and most versatile! Operates on AC, 12 VDC or internal batteries, and a bright 5-digit LED readout lets you tune directly to stations — no calibration is required! A tunable 6-band preselector, with LED band indicators and lighted dial, assures peak sensitivity. To help separate closely-spaced signals, the "302" has six and nine-element ceramic filters, controlled by the wide/narrow IF selectivity switch. RF gain control and 3-step RF attenuator prevent strong signal overloading. Function switch selects lower sideband, standby, AM and AM-ANL (automatic noise limiter) modes. Variable-pitch BFO for easy CW and SSB tuning. Up front speaker and headphone jack. Rear panel jacks let you connect an external speaker, a code key, tape recorder or amplifier. For portable operation, there's even a conserve batteries. 15.24 x 36.83 x 25.40 cm. The receiver that has it all — and lets you enjoy it anywhere!  
Includes whip antenna and 20-page manual. 20-220 **£259.95**

**Specifications**  
**Sensitivity** for 10 dB Signal-to Ratio: AM, 30 uV at 50 kHz, 1 uV at 900 kHz, 0.5 uV at 3.1 MHz, and above. SSB, 15 uV at 50 kHz, 0.5 uV at 900 kHz, 0.3 uV at 3.1 MHz and above.  
**Selectivity:** Wide, ±3.5 kHz, -6 dB; ±6 kHz, -60 dB. Narrow, ±2.5 kHz, -6 dB, ±4.0 kHz, -60 dB.  
**Frequency Stability** — Within 1 kHz per hour after 60-minute warm-up.  
**Power Requirements:** 220/240 V or 12 VDC neg. gnd. or 8 internal "C" cells (not incl.).



**CODE OSCILATOR MODULE**  
 Fully wired, just connect to key. PM speaker, 1.5 V battery, full instructions. 20-1155 **£1.84**

## SHORTWAVE ANTENNA KIT



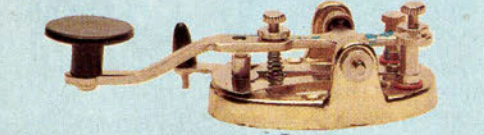
Complete outfit for long-distance reception: 75' copper antenna wire, insulated lead-in, standoff and "egg" insulators, under window-feedthrough. 278-758 **£6.69**



**CODE PRACTICE SET**  
 Perfect for morse code. Includes buzzer, adjustable spring and contacts, headphone jack. Needs one D cell. 20-1087 **£3.49**



**COMMUNICATIONS HEADPHONES**  
 Adjustable headband and padded earcushions for comfortable listening. Monophonic. 4-16 ohms. Std. 1/4" plug. 20-200 **£5.45**



**BRASS HAND KEY Fully Adjustable**  
 Adjustable spring and contacts. Ball bearing pivots. 20-1084 **£2.99**

# MOBILE AND TABLE TOP SCANNING RECEIVERS

8 Channel Table Top Scanning Receiver

£99<sup>95</sup>

Keep in Touch with News and Events

10 Channel Home or Mobile Scanning Receiver

£112<sup>95</sup>



## ● Economical Introduction to a Fascinating Hobby

- Four Bands – VHF – Hi/Lo, UHF – Hi/Lo
- Channel Lockout Switch

**Realistic PRO-53.** An economical scanning receiver that brings you all the action! Scans VHF – Lo, 68-88 MHz; VHF – Hi, 144-174 MHz; UHF – Lo, 450-470 MHz; UHF – Hi, 470-512 MHz. Scanner seeks and locks in on each active channel, resumes scan when transmission ends. Individual channel lockout switches with skipper circuit for efficient scanning of any or all 8 channels. With built-in antenna, headphone and external speaker jacks. 220/240V AC 50 Hz. Requires up to 8 crystals. **20-122 £99.95**

### Crystals

A range of crystals is available from your Tandy Store.

- Four Bands – UHF Hi/Lo – VHF Hi/Lo
- Automatic and Manual Scanning Modes

**Realistic PRO-47.** Scan up to 10 crystal-controlled channels and listen to exciting, up-to-the-minute action and news. Scans 10 channels per second, automatically locking onto any active channel. Delay circuit waits 2 seconds for a return call. If there is none, scanning resumes. Lockout switch skips unwanted channels. LED channel-scan indicators, built-in speaker, external speaker or headphone jack. Scans 4 bands – UHF Hi/Lo and VHF Hi/Lo. Requires up to 10 crystals. Complete with AC and 12V DC neg. ground power cables and mounting bracket. **20-142 £112.95**

## 4-CHANNEL PORTABLE POCKET SCANNER



Compact enough to slip into your pocket

- Two Antennas for Optimum Results Anywhere
- Two Bands, 68-88 MHz VHF – Lo, 144-174 MHz VHF – Hi

£69<sup>95</sup>

**Realistic PRO-20.** The scanner that lets you monitor the action wherever you go! Fits in your pocket, purse or clips on your belt. Scans up to 4 channels on VHF – Lo and VHF – Hi. Features scan-delay to catch call responses, channel lockout, variable squelch, built-in speaker, jacks for earphone, antenna, external power and charger. With earphone and batteries. 165 x 73 x 38mm. Requires up to 4 crystals. **20-101 £69.95**



## PRICE BREAKTHROUGH! LOW-COST 8-CHANNEL SCANNER

- No Crystals Needed – Keyboard Access to 18, 160 VHF and UHF Action Frequencies!
- Manual or Fully Automatic Scanning
- Big Fluorescent Display

£199<sup>95</sup>

**Realistic PRO-2008.** With this 6-band programmable scanner, you're not limited to a few crystal-controlled frequencies. Simply enter the frequencies you want on the Keyboard. Scans up to 8 channels, locks in on active ones. DELAY key holds channels for 2 seconds. OUT key temporarily locks out selected channels. Full-time monitoring of a single channel is provided by MAN key. ENTER key helps reduce incorrect entries. Bright 8-digit readout. For channel number, frequency and status. Headphone jack, detachable whip antenna and external antenna jack. Special circuit powered by 9V battery (not incl.) holds memorized frequencies in event of power failure or accidental unplugging. 220/240V AC 50 Hz. **20-9111 £199.95**

Frequencies:  
VHF Mid 68-88 MHz.  
VHF Hi 144-174 MHz.  
UHF 410-512 MHz.



# REALISTIC SCANNING RADIOS — THE PROFESSIONAL CHOICE

## 50-CHANNEL PROGRAMMABLE SCANNER FOR HOME OR CAR

NEW FOR  
**81**  
TANDY

Electronic Individual Channel Lockouts — Select the Channels You Want to Scan!

Selectable Electronic Delay Can be Added to Any of the 50 Channels!

Selectable Priority Channel Can be Any One of the 50 Channels!

Search Direction Buttons — Search Up or Down in Frequency to Find New or Unpublished Channels!

2 Scanning Speeds for Both Standard Scanning and Searching for New Frequencies!

Big Fluorescent Display Shows Channel Number, Frequency, Status, Programme Mode, and Time!

5 Banks of 10 Channels — All can be Activated or Any Combination Can be Received!



**£299<sup>95</sup>** • Includes Mobile Mounting Bracket and Power Cords  
• Features Automatic or Manual Scanning and Scan Delay

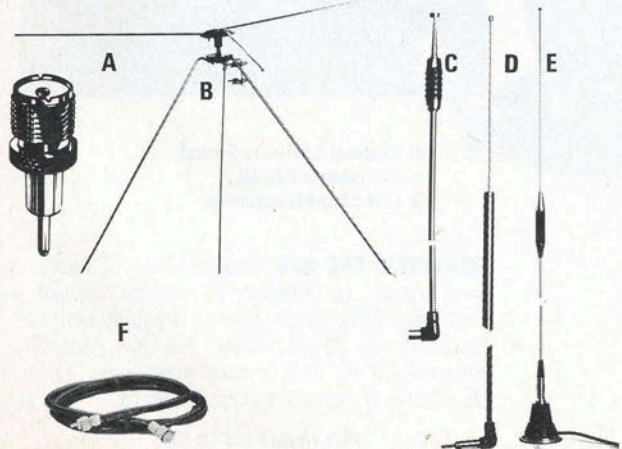
**No Crystals Needed! Direct Keyboard Entry of 20,480 VHF, UHF and Aircraft Channels**

**REALISTIC PRO-2002.** You can't buy a better or more exciting scanning radio! With it, you enjoy continuous, automatic reception of any 50 channels on UHF and VHF for all kinds of real-life action and drama. You can "personalize" your listening — the digital keyboard lets you punch in actual frequencies for monitoring, storing, or just exploring. Search Direction buttons make it easy to find new or unpublished channels — just enter the lower and upper range limits and select the search speed. You can search all frequencies or in any of 5 sets. The rest is automatic, because the 2002 will search across all bands. When you find an interesting channel, simply read its frequency off the big 6-digit display, and insert it in the microprocessor memory using the ENTER button. Zeromatic assures accurate signal tuning. **20-9116** **£299.95**

Features automatic or manual scanning, scan-delay, electronic individual channel lockout for temporarily bypassing unwanted channels, and variable squelch control. Built-in 9V battery (not incl.) backup maintains memory during power failures or when you unplug the scanner. Built-in speaker, plus jacks for headphone, external speaker and tape recorder. Band Coverage: VHF Lo: 68–88 MHz; Aircraft (AM): 108–136 MHz; Amateur: 138–148 MHz; VHF Hi: 148–174; Amateur Radio/Gov: 410–450 MHz; UHF Lo: 450–470 MHz; UHF Hi: 470–512 MHz.

220/240V AC 50 Hz or 12V DC Negative Ground.

### SCANNER ACCESSORIES



**A.** Coax Adapting Connector. Adapts standard PL-259 connector to Motorola-type plug. Push/screw-on lock. **278-208** **£1.09**

**B.** 65-520 MHz Omnidirectional, vertically polarized aerial for the PRO-2001 Scanner. Includes SO-239 50 ohm connector. **20-9001** **£24.95**

**C.** Indoor VHF — Hi/Lo Plug-in Aerial. Whip extends 40-100 cm. Centre-loaded. Motorola-type plug. **20-161** **£3.69**

**D.** Indoor UHF — Hi/Lo Plug-in Aerial: 52 cm long. Motorola-type plug. **20-451** **£4.79**

**E.** VHF — Hi/Lo, UHF — Hi/Lo Magnetic Mount Mobile Aerial. Secure even at speed! Motorola-type plug. 4 m cable. **20-018** **£15.95**

**F.** Base Station Coax Cable Assembly. 12.7 m of RG58/U 52 ohm polyfoam dielectric cable with PL-259 connectors factory-installed on each end. **278-970** **£12.95**

# TANDY'S TRANSMITTERS/RECEIVERS TAKE YOU FURTHER



- PLL Frequency Synthesizer
- Digital Channel Indicator
- Outlet For PA Connections

## 22 CHANNELS FM. TRANSMITTER/RECEIVER

**REALISTIC TRC-720.** Listen through up-front speaker, headphone jack or add an optional extra speaker. Public address capability. PLL Frequency synthesizer for stability on each of the 22 channels. Lighted S/Rf meter, ON THE AIR and Modulation indicators. Supply voltage 220/240V AC 50/60 Hz. **21-9016**

**NOT AVAILABLE IN UK**

## Mobile 22 CHANNELS FM TRANSMITTER/ RECEIVER



- Includes Dynamic Microphone
- Works on 12V DC

**NOT AVAILABLE IN UK**

**REALISTIC TRC 613:** Famous for value! Deluxe compact has the features you want most. Squelch control, easy to read S/Rf meter and LED channel readout. Change over switch. PA/CB. **21-9014**

## Mobile 12 CHANNELS AM TRANSMITTER/RECEIVER



- Phase Lock Loop for Precise Stable Frequencies
- 5 Watts Output

**REALISTIC TRC-612.** Compact mobile with PA facility. LED Channels indicator. Crystal and ceramic filter for extreme selectivity. Automatic Squelch. Bracket, hardware included. Works on 12 V DC Negative or positive ground. **21-9012**

**NOT AVAILABLE IN UK**

## Mobile 22 CHANNELS FM TRANSMITTER/RECEIVER



- Channel 9 Priority Switch
- Switchable PA/CB
- LED Channel Indicator

**REALISTIC TRC-620.** Compact CB has all necessary features for efficient performance. Volume regulator, CB/PA Switch. Channel 9 priority switch. Sensitivity for 20 dB S+N/N: 0.5 mV, Channel Rejection 80 dB. Built-in noise suppression. 12 V DC positive or negative ground. **21-9013**

**NOT AVAILABLE IN UK**

# KEEP IN TOUCH WITH TANDY

## BASE STATION WITH BUILT-IN NOISE LIMITER



- 12 Channel LED Display
- Headphone Jack
- Dual Ceramic Filters

**Realistic TRC-712.** Loaded with features! Dual ceramic IF filters give you superior selectivity and adjacent channel rejection. Adjustable Squelch compensates for fading to reduce signal 'chopping'. LED Modulation indicator and digital channel readout. S/RF meter, Up-front speaker, jack for external speaker and headphone. AC operation 220/240 50/60 Hz. **21-9015**

**Tandy—a 60 year tradition of value for money in electronics**

Not available In UK

## REALISTIC WALKIE-TALKIES



**A. Realistic TRC-502.** Our versatile walkie-talkie with a large capability of 2 W and automatic noise suppression. **21-9002**  
Not available in UK.

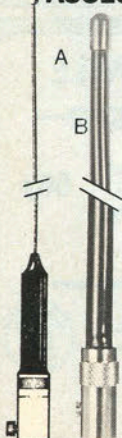
**B. Realistic TRC-501.** 6 channels CB, with channel 9 quartz. 1.5 m long telescopic aerial. Complete with case. **21-9001**  
Not available in UK.

**C. Realistic TRC-500:** 1 watt solid state CB Walkie-Talkie. 3 channel. Regulated noise suppression. Battery test button with LED indicator. Telescopic aerial 1 M long. **21-9000**  
Not available in UK.

**D. Realistic TRC 301.** Just right for scouts, young outdoor men who want to keep in touch. Compact, lightweight plus Great Features and quality for the money. 100 MW Transmit power. Requires 9 V battery. **21-9020**  
Not available in UK.

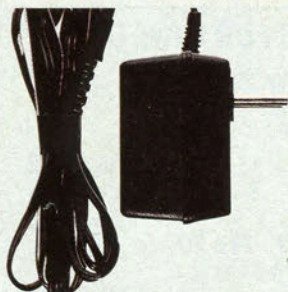
NOT AVAILABLE IN UK

## ACCESSORIES FOR AN EVEN MORE VERSATILE WALKIE-TALKIE



**A. Loaded Whip Antenna.** Suitable for most CB's. **21-919**  
Not available in UK.

**B. Flexible Rubber Antenna.** Fits on most portable CB's and walkie-talkies. For loaded and standard antennas. Clamps with one screw. **21-980**  
Not available in UK.



**Battery Charger.** Charges 12-18 V nickel cadmium battery pack at a ratio of 40 milliamps per hour. **21-516**  
Not available in UK.



**Nickel Cadmium Batteries** Pack 2 "AA". **23-125 £2.99**

## CB TRANSMIT AND RECEIVER CRYSTALS

PRECISION made and tested in our own USA factory. Pack of two includes one receive, one transmit.



CAT. NO	CAT. NO
21-1201	21-1215
21-1202	21-1216
21-1203	21-1217
21-1204	21-1218
21-1205	21-1219
21-1206	21-1220
21-1207	21-1221
21-1208	21-1222
21-1212	21-1223
21-1213	21-1224
21-1214	21-1225

Not available in UK.

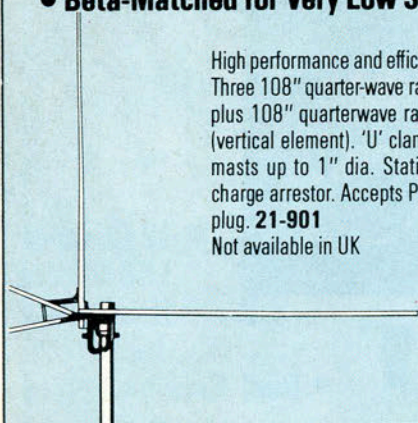
Not available in UK.

# SHOP TANDY FOR EVERYTHING IN CB ACCESSORIES

## 1/4 - WAVE ANTENNA

- Omnidirectional
- Beta-Matched for Very Low SWR

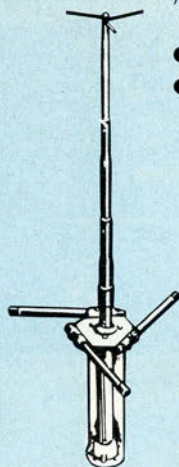
High performance and efficiency! Three 108" quarter-wave radials, plus 108" quarterwave radiator (vertical element). 'U' clamp fits masts up to 1" dia. Static discharge arrestor. Accepts PL-259 plug. **21-901**  
Not available in UK



## 1/2 - WAVE ANTENNA

- 3.75 dB Signal Gain
- Omnidirectional Pattern

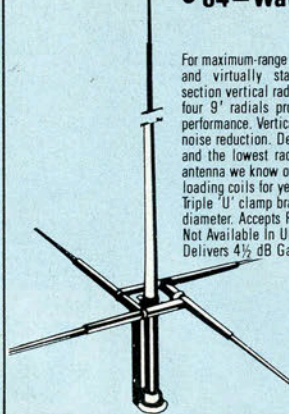
Multiplies effective radiated power for greater transmit range, cleaner reception. Five-section aluminium radiators, three 52" radials. Fits up to 1 1/8" dia. masts. Accepts PL-259 connector. **21-902**  
Not available in UK



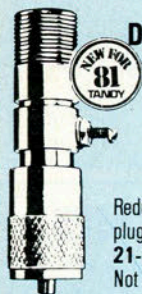
## OUR FINEST OMNIDIRECTIONAL

- 64 - Wave Antenna

For maximum-range all-directional transmission and virtually static-free reception. Five-section vertical radiator is over 22" long, and four 9" radials provide maximum electrical performance. Vertically polarized for maximum noise reduction. Delivers the strongest signal and the lowest radiation of any comparable antenna we know of. Fully moisture protected loading coils for years of trouble-free service. Triple 'U' clamp bracket fits masts up to 1 1/8" diameter. Accepts PL-259 plug. **21-964**  
Not Available in UK  
Delivers 4 1/2 dB Gain in All Directions



## COAX STATIC DISCHARGE UNIT



Reduces static build-up. PL-259 plug. SO-239 connector. **21-1049**  
Not Available In UK

## ANTENNA TUNER



Matches CB sets to any 10-10,000 ohm antenna. 500-watt RF capacity. **21-513**  
Not Available In UK

## TV INTERFERENCE FILTER



Be a good neighbour! Attenuates 25 dB to reduce CB interference on TV & FM. **21-512**  
Not Available in UK

## DUMMY LOAD ANTENNA



**£2<sup>69</sup>**

Non-inductive 52-ohm lead for testing up to 5 watts. PL-259 plug. **21-628** **£2.69**

## AC FILTER



For FM/SW Receivers. **21-9500**  
Not available in UK

## PRE-AMP BASE CB MIKE



Touch-bar transmit/lock switch, gain control, DIN plug. Requires 2 'AA' batteries. **21-1173**  
Not Available in UK

## BASE STATION CABLE ASSEMBLIES



Feet	Type	Cat. No.	Each
2	RG58/U	278-968	2.69
50	RG8/U	278-970	12.95

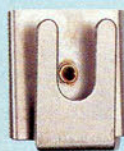
## 12 - VOLT DC POWER SUPPLY



**£16<sup>95</sup>**

• Changes Batteries Top!  
• Operate Car Equipment at Home!  
Use this 2-volt power supply to run or test your car stereo equipment at home. 1.7 amps continuous 12V DC output. 5 amps surge. Input 220/240V AC, 50/60 Hz. Fuse protected. For easy connection to tape player, use 270-014 connector cord (below). **22-9127** **£16.95**

## MAGNETIC MIKE HOLDER



**39p**

Keeps your mike in place no matter what the terrain. Magnetic - easily attaches to car, boat, truck - no holes to drill or hardware needed. **21-1130** **39p**

## DYNAMIC MIKE



**£14<sup>95</sup>**

Shielded coiled cord with DIN-type plug. Replacement for Realistic CB sets requiring a dynamic mike, and many other brands. **21-1172** **£14.95**

## PRE-AMP NOISE CANCELLING MIKE



**£16<sup>95</sup>**

Cuts road, engine, background noise. Built-in pre-amp for 100% modulation. Push-to-test battery button with LED indicator. Works as regular dynamic mike without battery. For Realistic, many other. DIN plug. Requires battery below. **21-1175** **£16.95**

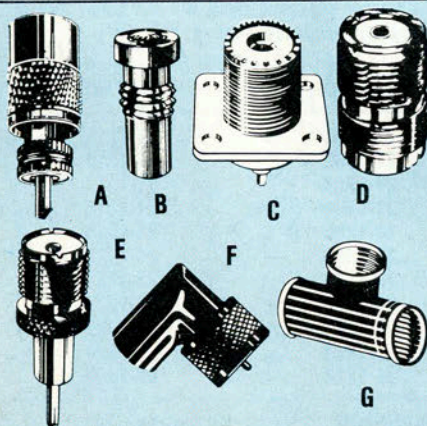
## FIELD STRENGTH/SWR METER



Helps you operate your CB with maximum efficiency. Measures SWR forward and reflected power to 1 kW. Covers 2-30 MHz. 52 ohms. 1 1/8 x 6 9/16 x 2 1/2". **21-525** **£14.95**

## COAX CONNECTIONS FOR HAM USE

Standard UHF type connections for HAM and CB use with push screw-on type lock. Amphenol-type.



- A. PL-259 plug **278-205** **2 for £1.85**
- B. SO-239 for chassis **278-201** **Each 89p**
- C. PL-253 coupler **278-1369** **Each 99p**
- D. UG-175/U reducer—for RG58/U **278-206** **2 for 49p**
- E. M-368 'T' adaptor, UHF type screw-on lock. **278-198** **Each £2.65**
- F. M-359 andgle adaptor. UHF type screw-on lock. **278-199** **Each £1.69**
- G. Coaxial connector adaptor. Specially designed to adapt the UHF-type coaxial connector to the Motorola-type standard pin plug. **278-208** **Each £1.09**

## COAXIAL CABLE



Extra low loss, ideal for amateur radio or CB use. RG58/U. 52 ohm. **278-1326** **59p**



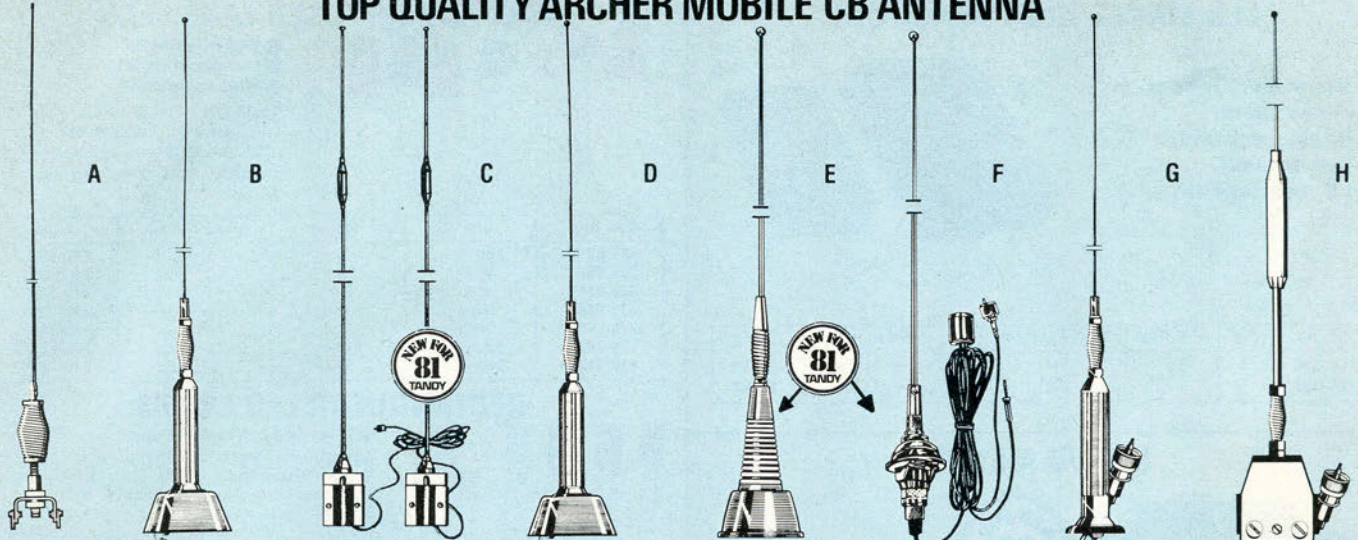
Low-loss polyethylene dielectric. With tough outer jacket. RG 8/4. 52 ohm. **278-1325**

Not Available In UK



# CUSTOM MANUFACTURED IN TANDY'S OWN FACTORIES

## TOP QUALITY ARCHER MOBILE CB ANTENNA



**A. 102" Bumper Mount Fiberglass-Whip Antenna.** Full-length design gives any mobile CB maximum signal range. Features adjustable dual chains, bracket for mounting and a chrome-plated shock spring. With mounting hardware.

Not Available In UK. 21-927

**B. No-Hole Boot Mount Antenna.** Mount it on center or either side of boot lid and secure it with just two set-screws. Easy cable entry. Has base-loading coil and stainless steel shock spring and whip. With 16' coax cable connector.

Not Available In UK 21-908

**C. Twin Truckers-II Dual Antenna.** Two matched antennas for a stronger signal pattern from ahead and behind. Stainless steel, adjustable tip rods. Oversize mounts for easy attachment. With 18' dual phasing coax harness, connector.

Not Available In UK. 21-942

**D. Fiberglass-Whip No-Hole Boot-Grip Antenna.** Whip won't rust - ideal for coastal areas and other corrosive environments. For center or either side of boot lid. Stainless steel shock spring. Solid brass adapter allows one inch of whip adjustment. PVC coil housing has triple chrome-plated brass top, bottom fittings to prevent corrosion. With 16" coax cable, connectors. 21-926

**E. Base-Loaded Magnetic Mount Antenna.** No holes to drill! Mounts on any flat magnetic surface. 17.7 type stainless steel whip is hardened to take punishment in its stride. Heavy-duty stainless steel shock spring provides stability at speed and the right amount of give under sharp stress. Coil is sealed for added protection. With 16' of coax cable, connector. 21-940 £19.95

**F. CB/FM/AM Disguise Antenna.** A combined car radio and mobile CB antenna made possible with a passive coupler device. Mounts in standard aerial mounting hole, or wherever you choose. Tapered stainless steel whip. Improves radio performance. With coax cable splitter, hardware, instructions.

Not Available In UK. 21-990

**G. Stainless Steel Roof Mount Antenna.** Whip adjusts for lowest SWR and maximum RF output. Snap-in for easy installation, solderless connections. With coax cable, connector.

Not Available In UK. 21-904

**H. Gutter Clamp Antenna.** Great for temporary use - easy car-to-car transfer. The heavy-duty shock spring provides stability at speed with just the right amount of give under sharp stress. Center-loaded, stainless steel whip and spring, chrome-plated support tube. Adjustable top whip. With coax cable and connector.

Not Available In UK. 21-909

## REPLACEMENT PARTS AND EXTRAS FOR MOBILE CB



**A. Co-Phase Harness.** Connect 2 antennas to 1 transmitter. For Archer and other base loaded or whip antennas.

Not Available In UK. 21-935

**B. Mobile Cable Assemblies.** 20' of RG58/U cable.

PL-259 Plug to Lugs. 278-966

PL-259 Plug to Both Ends. 278-967

Not Available In UK.

**C. Gutter Clamp.** For most antennas requiring 3/8 diameter hole.

Not Available In UK. 21-911

**D. Mobile Antenna Matcher.** Reduces SWR. Matches any impedance. 10 to 1,000 ohms.

Not Available In UK. 21-924

**E. Noise Eliminator Kits.** Each includes filter choke, capacitor and instructions.

Standard Kit, 270-020

Heavy-Duty Kit, 270-030

£2.29

£2.99

**F. Noise Filter** for suppression of interference and vehicle noises. 21-507

£1.69

**G. Rated 5 Amps.** Deluxe filter. Two L-C sections. Attenuates noise and interference from ignition and alternator. Suitable for most in-car stereo equipment. 270-050

£8.49

## CB MOUNTS FOR THEFT PROTECTION



£9.95

£4.69

**Underdash Mount.** Female half attaches to transceiver and slides on or off nylon guides of male bracket, mounted under dash of vehicle. 21-566

£9.95

**Extra Mount for above.** Use the same CB in 2 vehicles. 21-567

£4.69

## "DISAPPEARING" TRUNK MOUNT



● Hide It In Trunk When Not In Use

Use with trunk or roof mount- antenna slides off bracket in seconds. Complete with all hardware.

Not Available In UK. 21-530

## UNIVERSAL CAR POWER ADAPTOR

- Converts 6 V DC Input to 12 V DC Output.
- Converts 12 V positive to 12 V negative!

£15.95

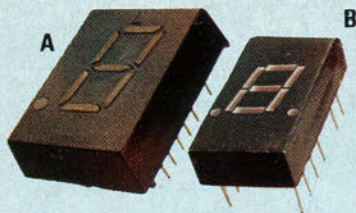
Most tape players are 12 V negative earth only. If your car is 6 V negative, this adaptor will supply 12 V negative to a tape player or radio. If your car is 12 V positive it will supply 12 V negative. Rated 3 Amps, fuse protected. 22-129



# FOR THE WIDEST RANGE OF PARTS-SHOP TANDY

## LED SINGLE DIGIT READOUTS

- Mount directly on to circuit board!
- Bright red display!
- Easy to read!
- I.C. Compatibility!



A. 0.6" 7-segment display. Fast switching; great for multiplexing.

B. 0.3" Left and right decimals. Light output 0.25 med at 10 mA.

Cat. No.	Fig.	Dig. Size	Dig. Function	Drive	Price
276-056	A	0.5"	8	Common Anode	£2.19
276-053	B	0.3"	8	Common Anode	£1.69

## LED VU METER



£14.95

Utilise sophisticated logic control circuit.

Operates on 4-12 V DC, 82 mm long, 54 mm high. Ideal for output levels. 270-9608 £14.95

Available December '80

## MINI AND DIFFUSED LENS LEDs



- High brightness!
- Low power drain!
- Wide angle view!

GaAsP (Gallium Arsenide Phosphide Light Emitting Diode). Subminiatures and Diffused Lens LEDs for a wide range of applications, solid state, long life light sources.

Cat. No.	Size	Colour	Fwd V at mA	Price
276-032	Submini	Clear	1.6 at 20	4 for 69p
276-033	Mini	Red	1.6 at 20	2 for 49p
276-034	Mini	Green	1.6 at 20	2 for 64p
276-026	Mini	Red	1.6 at 50	3 for 99p
276-041	Jumbo	Red	1.75 at 20	3 for 79p
276-042	Submini	Red	1.5 at 20	3 for £1.05
276-045	Submini	Green	1.6 at 20	3 for 79p

## RECTANGULAR LED LAMPS



- Ideal for Bar Graph Displays

High brightness. Can be stacked vertically or horizontally. Maximum forward current: 30 mA. Typical forward voltage: 2.5. Choice of three colours. 5 x 2.8 mm.

276-070	Red	2 for 69p
276-071	Green	2 for 69p
276-072	Yellow	2 for 69p

## LED PANEL LAMP HOLDERS



Pack of 2  
69p

- Chrome finish
- For T1a Jumbo LEDs

Chrome LED panel lamp holders to give your projects that professional finish. Mount in 4 mm holes. 276-080 Pack of 2 for 69p

## TRI-COLOUR LED 99p



Colour varies on supply voltage, red on DC, green on reverse DC and yellow on AC. Uniform 6 mcd output. Forward voltage: 2.2 V DC. Max. current: 25 mA. 276-035 99p

## RED FLASHER LED 79p



Works from 3 to 5V DC, no dropping resistor needed. Pulse rate: 3 Hz. Reg. 20 mA at 5 V DC. 276-036 79p

## PRECISION PANEL METERS



A



B

Wide-angle meters let you monitor critical circuits and give projects a professional look. Accuracy  $\pm 5\%$  full scale. All 70x5x31 mm.

A. 270-1751 0.50  $\mu$ A DC £5.49

270-1752 0-1 mA DC £4.99

B. 270-9053 VU Meter -20 to +3:

20-20 kHz  $\pm 1$  dB; '0' VU = 0.8 V rms £5.49

270-9054 0-15 V DC (internal Rectifier) £5.49

4,000 ohms

## PANEL LAMPS AND ASSEMBLIES



A. Panel Lamp Indicators. 1 red, 1 green. With connecting leads, mounting clips. 22.2 mm long. Mount in 9.5 mm holes. 12 V, 50 mA.

272-322 2 for 99p

B. Miniature Panel Lamp Assembly. Two assemblies 35 mm long. Require 6 V screw-in bulbs 12.7 mm mounting holes. With hardware.

272-323 2 for 84p

C. "Mini" Rectangular Lamp Set. One assembly with 2 rectangular lenses. Takes screw-in lamp. Requires 11.1 mounting hole. 25.4 mm long.

272-327 2 for 99p

D. Neon Pilot Lamp Assemblies. 1 red, 1 yellow. With internal dropping resistors. Fully enclosed. Require 11.1 mm mounting holes. 240 V AC.

272-704 Square lens 2 for 99p

272-705 Circular lens 2 for 99p

G. Red Neon Panel Lamp. Rectangular for 220/240 V AC. High brightness. 272-706\* £1.19

H. Square Lens Lamp Assembly. Standard bayonet socket with one red, one orange lens. Requires 17.4 mm mounting hole. 272-333\* 89p

I. "Mini" Panel Lamp Assemblies. 1 red and 1 green lens. Accept miniature-base lamps. Length 30.1 mm (less lugs). Require 15.9 mm mounting holes.

272-324 For Screw-Base Lamps 84p

272-326 Like 272-324, but: 22.2 x 26.9 mm 89p

## TOP QUALITY KNOBS FOR CHASSIS, PANELS, CABINETS . . .



A/B. Communication Knobs. Set of 3. Knurled grip with numbers 0-10 etched on chrome plate.

274-415 19 x 11 mm 4 for £1.19p

274-416 25.4 x 14.3 mm 4 for £1.19p

274-392 fig. A 3 for £1.25

274-391 Single line index type fig. B 3 for £1.25

A/B. Communication Knobs. Same as above, but smaller. 28.5 mm diameter x 17.5 mm deep.

274-414 Single fig. A 2 for 89p

274-413 0-10 calibrated fig. B 2 for 89p

C. Hexagon Instrumentation Knobs. Sturdy knobs for test and communication equipment. For 6.3 mm shaft.

274-407 35 mm wide x 15.9 mm deep 2 for 59p

274-404 25.4 mm wide x 15.9 mm deep 4 for 89p

D. Pointer Knobs. 5 black bakelite knobs with countless applications. 38 mm long x 14.3 mm deep.

274-349 5 for 69p

E. Moulded Instrumentation Knobs. All fit 6.3 mm shafts. Brass insert and set screws included.

274-379 25.4 x 15.9 cm. 2 for £1.49

H. Deluxe Knurled Metal Knob. All fit 6.3 mm shafts. With plastic underside and two set screws.

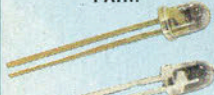
Diameter: 25 mm. Depth: 19 mm 274-422 £1.19

I. Slide Control Knobs. Snap-on knobs for slide potentiometers. Black plastic moulding with red indicator line. 15 x 10 x 10 mm.

274-9154 5 for £1.29

J. Deluxe Slide Control Knobs. Metal finish with black indicator line. Designed to fit slide potentiometers (Cat. No's 271-9001-271-9006). 15 x 10 x 10 mm. 274-9055\* £1.29

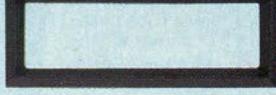
## INFRA-RED LED EMITTER/DETECTOR PAIR.



Pair £1.49

Matched, ideal for experiments. Subminiature LED source rated 20 mA at 1.7 V DC. Uses photo transistor for high sensitivity. 276-142 Pair £1.49

## BEZEL AND LENS FOR LED DISPLAYS £2.99



Diecast bezel with lens featuring high contrast filter. Lens opening  $3\frac{1}{2}$ " x 1". Mounting nuts and washers included. 270-301 £2.99

Plastic face plates, cut to fit

270-296 Green tint 79p

270-297 Blue Tint 79p

270-299 Red Tint 89p

## CADMIUM SULPHIDE PHOTOCELL 99p



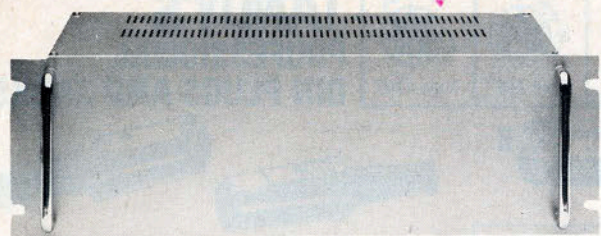
Sensitive to yellow/green light. Resistance range 5 meg ohms to 100 ohms. Max. Voltage 1/6 V; max. power dissipation. 200 mW. 12.7 x 6.3 mm. 276-116 99p

## SILICON PHOTOTRANSISTOR 45p



Similar to Fairchild type FPT 100. Wide sensitivity, minimal response timing. NPN Planar low leakage, low power. TTL/DTL compatible. 276-130 45p

# COMPLETE YOUR PROJECT WITH OUR CABINETS & ACCESSORIES



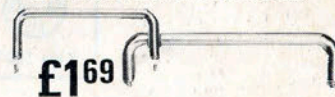
## CR-150 19" RACK CABINET

**£37<sup>95</sup>**

● Really sturdy construction!

3 mm aluminium front panel, 480x150 mm. 1 mm aluminium back face. Chromed handles, rubber feet, Louvred for ventilation. (430x250x140 mm steel top, finished in grey). 270-9103 **£37.95**

## CHROMED HANDLES



**£1<sup>69</sup>**

For front panel, 2xM4 screw fixing, pack of 2. 270-9114 80x30 mm x8 mm. **£1.69**

## FLEXIBLE HANDLE



**£1.29**

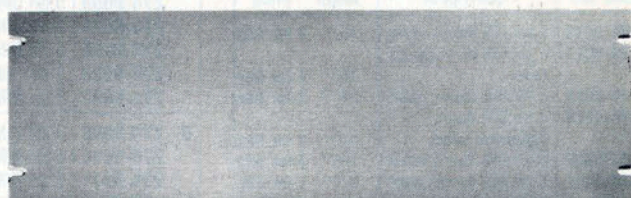
Perfect for portable cabinets. Chromed attachment blocks. 152x25.5 mm. 270-9106 **£1.29**

## ALUMINIUM FRONT PANELS

As Low As **£7<sup>25</sup>**

3 mm thick, with louvres, for fixing into 19" rack cabinet.

270-9101	480x100 mm	<b>£7.25</b>
270-9102	480x150 mm	<b>£8.99</b>



## PROJECT CASE WITH PANEL

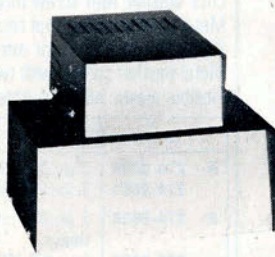


**£1<sup>99</sup>**

Hinged Snap-Lock Cover

Easy-to-work reversible inner panel accepts a meter, readouts or switches. 140x86x50 mm. 270-290 **£1.99**

## STURDY METAL CABINETS

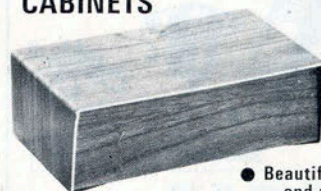


Two-piece design - cover lifts off for easy access. Top is made from laminol steel, front and bottom are 20 gauge aluminium. With louvres and rubber feet.

270-251	80x55x100 mm	<b>£1.89</b>
270-252	100x50x150 mm	<b>£2.49</b>
270-253	135x75x150 mm	<b>£2.99</b>
270-269	200x145x89 mm	<b>£6.69</b>

As Low As **£1<sup>89</sup>**

## "WOOD LOOK" ALUMINIUM CABINETS



**£3<sup>95</sup>**

● Beautifully designed - and practical too!

Enjoy the best of both worlds - improve your project's appearance while shielding it from damage and dust. Simulated walnut grain finish. Rubber feet.

270-260	60x152x100 mm	<b>£3.95</b>
270-261	90x230x152 mm	<b>£6.95</b>

## DE LUXE CABINET WITH CARRYING HANDLES



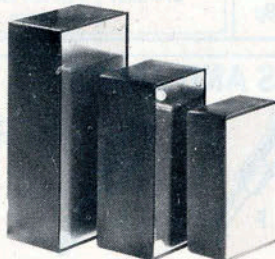
● Perfect portable lab chassis!  
**£9<sup>95</sup>**

Sturdy 2-piece construction. Top is made of 0.36 laminol steel, front and bottom of 0.52 thick aluminium. Louvred for ventilation. Cover lifts off for access to interior. 130x240x170 mm. With rubber feet. 270-270 **£9.95**

## BAKELITE "MINI" BOXES

● Give any project a sleek finish! ● Fantastic value!  
● Heavy duty!

As Low As **89p**



Protect your project and keep it in place. Removable aluminium cover.

270-230	80x55x30 mm	<b>£.89</b>
270-231	100x55x55 mm	<b>£.99</b>
270-233	130x65x40 mm	<b>£1.45</b>
270-627	200x110x60 mm	<b>£2.59</b>



## PROJECT CASES

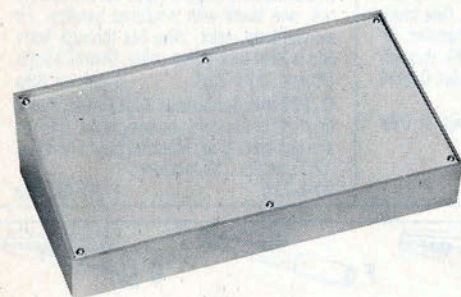


As Low As **99p**

High-impact plastic, with internal slots to hold PC boards.

270-220	101x50x19 mm	<b>£0.99</b>
270-221	101x61x26 mm	<b>£1.29</b>
270-222	120x63x30 mm	<b>£1.29</b>
270-223	152x77x44 mm	<b>£2.29</b>
270-224	190x109x55 mm.	<b>£2.59</b>

## SLOPE FRONT CABINET

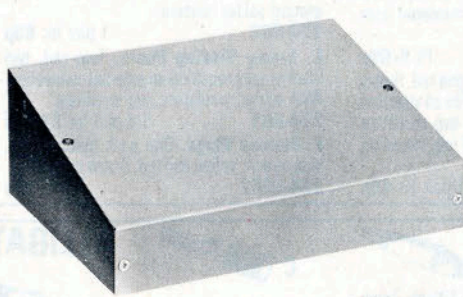


**£7<sup>99</sup>**

● Sloped Aluminium Panel

Plastic cabinet with removable aluminium panel. Suitable for Mixer Kit (277-9227), Light Show Kit (227-9230) or any other project. 320x170x85 mm. 270-9600 **£7.99**

## SLOPE FRONT METAL CABINET

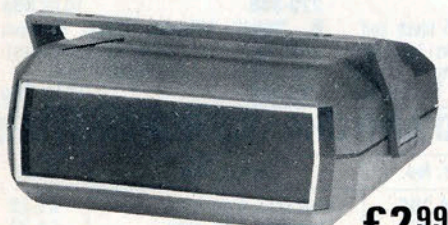


**£4<sup>89</sup>**

● Attractive "Hammerstone" finish!

Sturdy 18 gauge steel construction. Protective, non-slip, rubber feet, 200x150x70/35 mm. 270-265 **£4.89**

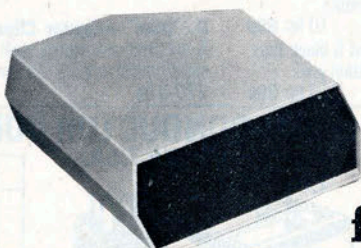
## DIGITAL DISPLAY CASE



**£2<sup>99</sup>**

Moulded case for clocks, testers, counters. Built-in red lens allows up to four 0.6" or eight 0.3" LEDs. Removable mounting bracket. 46x98x113 mm. 270-285 **£2.99**

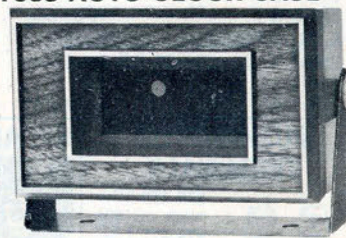
## MOULDED DISPLAY CASE



**£2<sup>69</sup>**

Digital display case for clocks or counters. Grey plastic case with red lens for up to four 0.6" LED. Ideal for self-made clocks or displays. 150x135x55 mm. 270-9601 **£2.69**

## MA 1003 AUTO CLOCK CASE

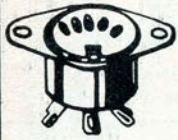
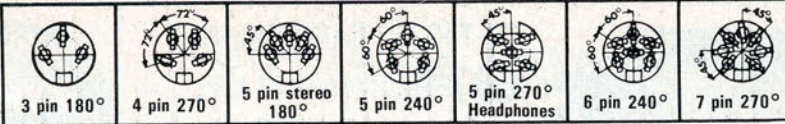


**£4<sup>99</sup>**

Moulded case with bracket for in or on dash mounting. Accepts 3 pushbutton switches (not included) on front panel. With blue filter lens. Simulated woodgrain insert. 89x54x50 mm. 270-303 **£4.99**

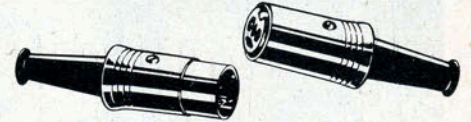
# YOUR CHOICE IN DIN CONNECTORS, SOCKETS, PLUGS AND JACKS

## TANDY'S PROFESSIONAL DIN PLUGS AND JACKS



### 3 PIN CHASSIS SOCKET

Cat. No.	Description	Angle	Price
274-9015	3 pin DIN chassis socket	180°	2 for 45p
274-9017	5 pin DIN stereo chassis socket	180°	2 for 59p
274-9018	5 pin DIN chassis socket	240°	2 for 59p
274-9019	5 pin DIN chassis headphones socket	270°	2 for 59p
274-9020	5 pin DIN chassis socket	240°	2 for 59p
274-9021	7 pin DIN chassis socket	270°	2 for 59p



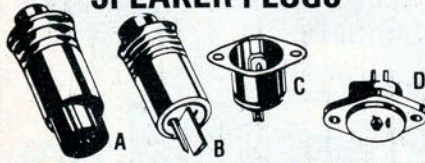
### METAL DIN CONNECTORS

Very resistant metal outer housing. Flexible plastic tube for protection against wire fracture. Solder connections.

Cat. No.	Description	Price
274-9038	3 pin male connector	89p
274-9039	3 pin female connector	99p
274-9040	5 pin male connector	99p
274-9041	5 pin female connector	99p

Cat. No.	Description	Angle	Price
A 274-9001	3 pin DIN plug	180°	2 for 65p
274-9003	5 pin DIN stereo plug	180°	2 for 79p
274-9004	5 pin DIN plug	240°	2 for 65p
274-9005	5 pin DIN headphone plug	270°	2 for 59p
274-9006	6 pin DIN plug	240°	2 for 65p
274-9007	7 pin DIN plug	270°	2 for 65p
B 274-9008	3 pin DIN jack	180°	2 for 59p
274-9010	5 pin DIN stereo jack	180°	2 for 89p
274-9011	5 pin DIN jack	240°	2 for 69p

### SPEAKER PLUGS



Cat. No.	Description	Price
A 274-9025	DIN speaker jack, solder terminals	2 for 39p
274-9026	DIN speaker jack, screw terminals	2 for 75p
B 274-9022	DIN speaker plug, solder terminals	2 for 39p
274-9023	DIN speaker plug, screw terminals	2 for 75p
C 274-9024	DIN speaker plug, chassis plug with flanges	2 for 59p
D 274-9028	DIN speaker jack, with flanges	2 for 39p
274-9029	DIN speaker jack, with switch and flanges	2 for 49p

### DIN SPEAKER ADAPTOR

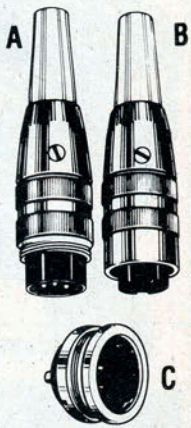


Connects a line between a speaker plug and a speaker jack. With fixing screws for easy mounting. Ideal for the connection of two or more speakers, in line or parallel.  
**274-9027 99p**

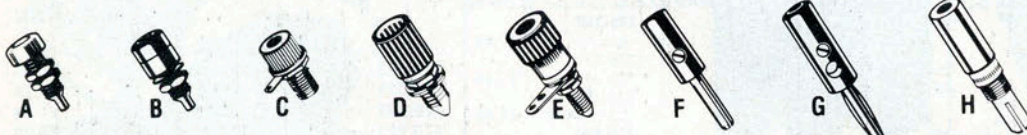
### PROFESSIONAL DIN PLUGS AND JACKS

Lock washer with screw thread for better connection  
Metal outer housing that resists shock.  
Plastic inner housing for extra isolation.  
Metal tension spring, with two screws, for solid connection.  
Flexible plastic tube for protection against wire fracture.

Cat. No.	Description	Price EACH
A 274-9030	3 pin DIN 180° plug	£2.69
274-9031	5 pin DIN 180° stereo plug	£2.69
B 274-9034	3 pin DIN 180° plug for mounting on a chassis	£2.69
274-9035	5 pin DIN 180° stereo plug, for mounting on a chassis	£2.99
C 274-9032	3 pin DIN 180° jack	£2.49
274-9033	5 pin DIN 180° stereo jack	£2.49
D 274-9036	3 pin DIN 180° jack for mounting on a chassis	£2.29
274-9037	5 pin DIN 180° stereo jack for mounting on a chassis	£2.29



### BINDING POSTS, BANANA PLUGS AND JACKS



**A. Banana Jacks.** One each black, white, blue, green, yellow and red. Non-insulated from chassis.  
**274-9050** Pk 6/99p

**B. Banana Jacks.** One each black, white, blue, green, yellow and red. Insulated from chassis.  
**274-9051** Pk 6/99p

**C. Banana Jacks.** one black one red. Heavy duty insulated bakelite beads. Fits all standard banana plugs. Requires 6.3 mm mounting hole. With fibre washer, solder lug, mounting hardware.  
**274-725** 1 pair for 49p

**D. Nylon Binding Posts.** One black, one red insulated type. Accepts phone tip plug, banana plug, spade lug, alligator clip or wire strand. Requires 7.9 mm mounting hole. Wrap-around solder terminal.  
**274-662** 1 pair for 89p

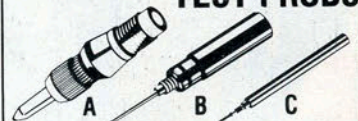
**E. 5-way Binding Posts.** Two red, two black or jobs requiring an external connection. With solder, insulators, lug terminals.  
**274-661** Set of 4 for £1.19p

**F. Banana Plugs.** One each black, white, blue, green, yellow and red. Screw connection.  
**274-9052** Pk 6/99p

**G. Banana Plugs.** One each black, white, blue, green, yellow and red. Side slot accepts another banana plug. Screw connection.  
**274-9053** Pk 6/£1.25

**H. Solderless Banana Plugs.** One black and one red plug with insulated handles. Fit standard banana jacks. Wire fits through body tip and is held by knurled collar. Overall length 50 mm.  
**274-721** 1 pair for 69p

### PHONE TIP PLUGS AND TEST PRODS



**A. Flexible Solder-Type Banana Plugs.** 6 cm overall length. Set of two; one red/one black with insulated handles. Fit standard tip jacks. 20 mm tip. **274-730** 1 pair for 49p

**B. Solderless Phone Tips.** Set of two: one red, one black with insulated handles. Fit standard tip jacks. Wire fits through body and is held by knurled collar. Overall length 54 mm. **274-723** 1 pair for 69p

**C. 127 mm Solderless Test Prods.** Plated tip plug fits standard phone tip jacks. One red and one black prod. Moulded plastic handles. 12.7 mm tip. 133 mm long.  
**274-720** 1 pair for 69p

### ALLIGATOR CLIPS



**A. "Mini" Clips.** Kit includes 3 black, 3 red, 2 green and 2 yellow. Open to 4.8 mm. 32 mm long.  
**270-378** 10 for 54p

**A. 35 mm Mini Clips.** 6 black, 6 red plastic insulators. Jaw opens to 6.3 mm. Solder type.  
**270-1545** 12 for 79p

**B. 57 mm Clips.** Use for screw connections. Open to 7.9 mm. Various colours.  
**270-375** 10 for 89p

**C. 64 mm Clips.** 5 red and 5 black clips. Screw connection type. All steel jaws.  
**270-347** 10 for 99p

**D. "Mini" Alligator Clips.** 5 black and 5 red clips with sturdy steel jaws. Ideal for close precision work. 35 mm long.  
**270-374** 10 for 69p

**A. 50 mm Slim Clips.** Solderless type all steel with screw connections.  
**270-346** 10 for 89p

**B. "Mini" Alligator Clips.** Requires soldering of wire to solder lug. 32 mm long. Jaw opens to 4.8 mm. Rated 1 Amp.  
**270-380** 12 for 79p

### PUSHBUTTON TERMINALS



274-315 2 Terminals 59p  
274-621 2 Terminals Lever Switch 59p

### SPEAKER TERMINAL BOARD

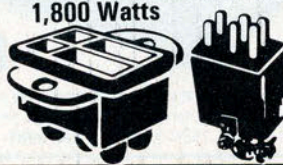


274-624 99p

Spring loaded, push to connect terminals, plus 1/4" phone jack.

### MULTI-CONDUCTOR CORD AND CHASSIS CONNECTORS

• Max-rating 500V; 7.5A; 1,800 Watts



Cat. No.	Description	Price
274-204	Male cord, 4 pin inline	£1.29
274-207	Male cord, 4 pin inline	£1.29
274-205	Female cord, 4 pin inline	£1.19
274-208	Female cord, 6 pin inline	£1.29
274-206	Chassis mounted, 4 pin inline	75p
274-209	Chassis mounted, 6 pin inline	99p



# ALL THE CONNECTORS AND ADAPTORS YOU'LL EVER NEED

## PROFESSIONAL QUALITY ACCESSORIES

### 4-PIN MIKE CONNECTORS

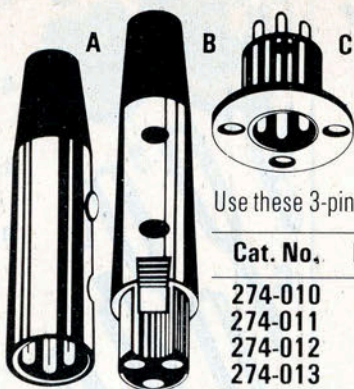


- Screw-on Type Lock!
- Sturdy Construction!

Ideal for a secure connection of your microphone! Very handy, especially while recording.

**A.** 4-pin connector (female) 99p  
**274-001**

**B.** 4-pin connector (male) for chassis mount. 69p  
**274-002**

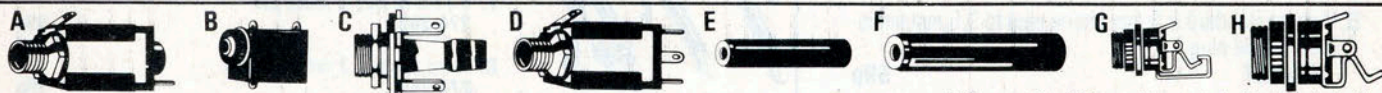


### 3-PIN AUDIO CONNECTORS

- The choice of Professionals!
- Easy to Mount!
- Sturdy Construction!

Use these 3-pin audio connectors to get greatest performance from your mikes.

Cat. No.	Fig.	Type	Price each
274-010	A	3-pin Audio Connector Jack	£1.99
274-011	B	3-pin Audio Connector Plug	£1.89
274-012	C	3-pin Audio Connector Chassis (Male)	£1.99
274-013	C	3-pin Audio Connector Chassis (Female)	£2.59



### IN-LINE AND CHASSIS PHONE JACKS

**A.** Enclosed 6.3 mm Phone Jacks. Accepts 6.3 mm phone plugs. Versatile, panel or printed circuit mounting, for numerous applications. Solder lug terminals for positive connections. Complete with mounting hardware for quick, easy installation.

**274-280** 2-Conductor, Open Circuit 49p  
**274-281** 2-Conductor, Closed Circuit 49p  
**274-282** 3-Conductor, Open Circuit 49p

**B.** Enclosed 3.5 mm Miniature Phone Jacks.

**274-296** Closed Circuit 2 for 49p  
**274-297** Open Circuit 2 for 49p

**C.** 6.3 mm Phono Jacks. Accepts standard 6.3 mm phone plugs. With hardware for fast and easy installation in audio equipment.

**274-252** 2-Conductor, Open Circuit, mono 2 for 69p  
**274-312** 3-Conductor, Open Circuit, stereo 2 for 99p

**D.** Enclosed 6.3 mm Stereo Phone Jack. 3-conductor. Double closed circuit. Strong, positive connection. Complete with schematic.

**274-277** 59p

**E.** 2-Conductor In-line Miniature Phone Jacks. Accepts miniature 3.5 mm phone plugs. Strong, positive connection.

**274-333** 2 for 49p

**F.** Stereo In-line 6.3 mm Phone Jack. Slim black plastic 3 conductor jack mates with any 3-conductor stereo phone plug. Lug terminal connections. Overall length 55 mm.

**274-141** 2 for 99p

**G.** 2-Conductor Subminiature 2.5 mm Phone Jacks. Accepts subminiature phone plugs. Closed circuit. Perfect for solid state microcircuit component connections.

**274-292** 2 for 59p

**H.** 2-Conductor Miniature 3.5 mm Phone Jacks. One third the size of standard 6.3 mm phone jacks. Mounts in 6.3 mm hole. For panels up to 3.2 mm thick. Strong, positive connections.

**274-251** Open Circuit 3 for 69p  
**274-253** Closed Circuit 3 for 99p

### PHONE PLUGS



**A.** 2-Conductor 6.3 mm Phone Plugs. Long slim type with 12.7 mm diameter black bakelite barrel. 75 mm long.

**274-1536** 2 for 89p

**B.** 2-Conductor 6.3 mm Phone Plugs. Double barrel. Ribbed plastic barrel handle takes cord phone tip or tips. 75 mm long.

**274-1539** 2 for £1.19

**C.** 2-Conductor 6.3 mm Phone Plugs. Shielded flat right-angle type. Ideal for space saving applications. 40 mm long.

**274-254** 2 for 74p

**D.** Right-Angle 6.3 mm Plug. Black shell screwtype terminals. 2-conductor. 45 mm long.

**274-256** 69p

**E.** 3-Conductor 6.3 mm Phone Plugs. Slim line, with black bakelite barrel. For push-to-talk mikes, stereo headphones. 75 mm long.

**274-139** 2 for 79p

**F.** 3-Conductor Phone Plug. 6.3 mm. Shielded type Barrel. 41 mm long. Nickel plated. Solder lug terminals. 70 mm long.

**274-285** 99p

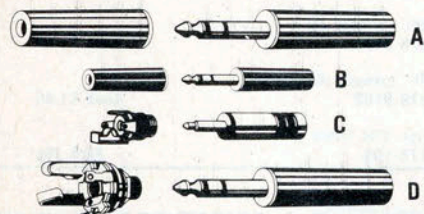
**G.** 2-Conductor Miniature Phone Plugs. 3.5 mm. Solder lug terminals. 40 mm long.

**274-286** Black 2 for 69p  
**274-287** Red 2 for 69p  
**274-288** Shielded 2 for 69p

**H.** 2-Conductor 2.5 mm Subminiature Phone Plugs. Solder lug terminals. 35 mm long.

**274-289** Black 2 for 49p  
**274-290** Red 2 for 49p  
**274-291** Tan 2 for 49p

### PLUG AND JACK SETS



**A.** Standard 6.3 mm. 2 sets of slim phone plug and inline jacks. One red and one black for easy identification.

**274-1241** 2 sets for £1.39

**B.** Miniature 3.5 mm. One set black and one red for easy identification. Includes slim phone plug and inline jack.

**274-283** 2 sets for 89p

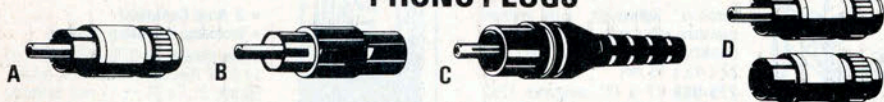
**C.** 3-Circuit Plug and Jack. 6.3 mm open circuit jack and plug with black bakelite shell, solder lug terminals, mounting hardware.

**274-323** 1 set for 99p

**D.** Miniature 3.5 mm. 2 pairs of matching shielded phone plugs and shorting jacks. Use for remote speaker hookups, microphones.

**274-336** 2 sets for 99p

### PHONO PLUGS



**A. SHIELDED PHONO PLUGS.** Reduces hum. Designed for easy soldering. Mates with all phono jacks.

**274-339** 2 for 59p

**B. 2-CONDUCTOR PHONO PLUGS.** Plastic insulated handles prevent crossover and short circuits. Complete with cable clamp for strong connections. Assorted colours.

**274-321** 8 for 85p

**C. PHONO PLUGS.** Flexible plastic sleeving prevents accidental shorting. With cable clamps.

**274-451** 6 for 89p

**D. SHIELDED PHONO PLUGS AND JACKS.** 2 sets of plugs and jacks. Positive connections prevent resistive line losses. 9.5 x 23.8 mm

**274-334** 2 sets for 99p

### PHONO JACKS



**A. SHIELDED PHONO JACKS.** Fits 6.3 mm mounting hole. Solder lug connections. Shielding reduces annoying hum. 9.5 x 9.5 mm.

**274-346** 4 for 99p

**B. SHIELDED INLINE PHONO JACKS.** Solder lug terminals. Mates with all phono pin plugs.

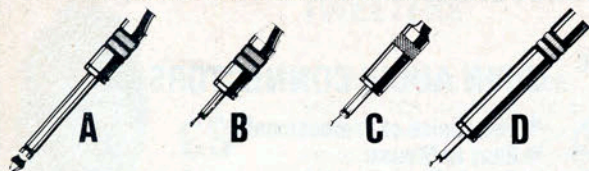
**274-338** 2 for 59p

**C. DUAL PHONO JACK.** Interconnects audio equipment whose existing connectors do not mate.

**274-332** 2 for 59p

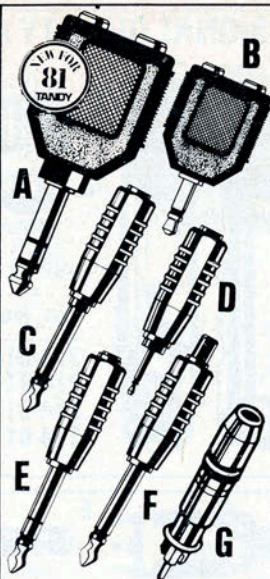
# WIDE SELECTION OF AUDIO ADAPTORS & CABLE CONNECTORS

## SHIELDED PLUG ADAPTORS



- A.** Adapts 3.5 mm miniature phone plug to standard 6.3 mm phone plug. **274-325** **59p**
- B.** Adapts 3.5 mm miniature phone plug to 2.5 mm sub-miniature phone plug. **274-327** **59p**
- C.** Adapts 2.5 mm subminiature phone plug to 3.5 mm miniature phone plug. **274-328** **69p**
- D.** Adapts standard 6.3 mm phone plug to 3.5 mm miniature phone plug. **274-047** **69p**

## STEREO/MONO ADAPTORS



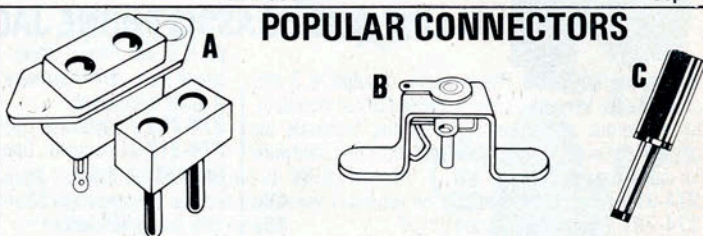
- A. DUAL JACK ADAPTORS.** Stereo 6.3 mm phone plug. Adapts two stereo headphones to a single 6.3 mm stereo plug. **274-302** **£1.49**
- B.** Mini 3.5 mm phone plug. Adapts two 3.5 mm miniature phone plugs to a single 3.5 mm plug. **274-310** **85p**
- C.** 6.3 mm Stereo jack to standard 6.3 mm phone plug. **274-360** **79p**
- D.** 6.3 mm Stereo jack to 3.5 mm miniature phone plug. **274-361** **79p**  
Combine both stereo channels of a 6.3 mm stereo headphone jack to a mono jack for recording. All have a 6.3 mm stereo phone jack and the plug of your choice.
- E.** 6.3 Stereo plug to 3.5 mm jack. **274-363** **99p**
- F.** 6.3 Stereo plug to phono jack. **274-365** **99p**
- G.** Phono plug to 6.3 mm phone jack. **274-389** **99p**

## ADAPTORS



- A.** Plug Adaptor Set. A handy kit for adapting 2.5 mm submini jack, 6.3 mm phone jack and phono jack to 3.5 mm jack. **274-359** **3 for £1.49**
- B.** Shielded "Y" Adaptors. 2 phono jacks connected in parallel to a phono plug. **274-303** **each 89p**
- C.** Dual Phono Jack Couplers. Allow 2 audio cables to be connected using phono plugs. Provide for a clean, strong, positive connection. **274-1553** **2 for 69p**
- D.** Stereo DIN Adaptor. Allows stereo 3 conductor plug to connect to a 5 pin DIN socket. **274-9054** **99p**

## POPULAR CONNECTORS



- A.** 2-Pin Plugs and Sockets. Set of 6 in assorted colours — red, black and ivory. Plug size 19 x 12.5 mm. Receptical size: 12.5 x 12.5 mm. Insures that your projects are neat and professional. **274-342** **6 for £1.39**
- B.** Chassis Mount Power Connectors. One each 2.1 mm and 2.5 mm plug. Use with battery chargers, tape recorders, almost any electronic equipment requiring a power connector. **274-1549** **2 for 59p**
- C.** Adaptor Power Jacks. One each, 2.1 and 2.5 mm internal diameter power jacks. **274-1551** 25 mm long. 5.5 mm outside dia **2 for 65p**  
**274-1550** 35 mm long. 4.9 mm outside dia **2 for 65p**

## COAX CONNECTIONS FOR HAM USE



### Coaxial cable connectors

Standard UHF type connections for HAM and CB use with push screw-on type lock. Amphenol-type.

- A.** PL-259 plug **278-205** **2 for £1.75**
- B.** SO-239 for chassis **278-201** **Each 89p**
- C.** PL-253 coupler **278-1369** **Each 99p**
- D.** UG-175/U reducer for RG58/U **278-206** **2 for 49p**
- E.** M-358 "T" adaptor. UHF type screw-on lock. **278-198** **Each £2.65**
- F.** M-359 angle adaptor. UHF type with screw-on lock. **278-199** **Each £1.69**

### Inline Splicer

No special tools needed to join or extend coaxial cable. Positive contact maintains wire impedance.

- G.** For RG58/U cable **278-202** **Each 99p**
- G.** Coaxial connector adaptor. Specially designed to adapt the UHF-type coaxial connector to the Motorola-type standard pin plug. **278-208** **£1.09**

### Motorola-type plugs and jacks.

Specially designed for use in auto radios, for connecting aerial.

- H.** Car aerial plugs **274-711** **3 for 79p**

- I.** Car chassis connector **274-712** **2 for 59p**

### BNC connectors

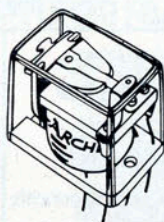
- J.** BNC connector jack **278-9101** **Each £1.59**
- K.** BNC connector chassis type **278-9102** **Each £1.49**
- L.** Type 1094 female BNC **278-105** **Each 79p**



## SUBMINIATURE 5 V DC DPDT DIP RELAY

- Fits 16-Pin IC Socket with 100 x 300 Centres

Subminiature relay for use with TTL or CMOS circuitry. Contacts rated 1 A at 125 V AC. Coil resistance, 50 ohms. **275-215** **NEW £3.29**



## MINIATURE SPDT RELAYS

- Low Current Drain

Sensitive, lightweight, fully enclosed miniature relay with connecting leads. Contacts rated 0.5 A at 2.50 V AC. Only 22 x 15 x 19 mm.

- 275-003** 12 V DC; resistance 1200 ohms; current 10 mA **£1.25**
- 275-004** 6-9 V DC; resistance 500 ohms; current 12 mA **£1.25**

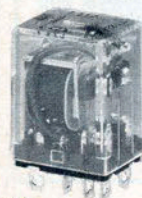


## MINIATURE DPDT RELAY

- 3 Amp Contacts!
- Includes mounting socket!

Silver contacts for 220/240 V AC. Coil 12 V DC Resistance, 250 ohms; current, 50 mA. 31.7 x 25.4 x 19 mm. Soldering terminals, plastic housing hold-down clips.

- 275-206** 12 V DC **£2.99**



## HEAVY DUTY DPDT RELAY

- 10 Amp Contacts
- 220/240 V AC Winding

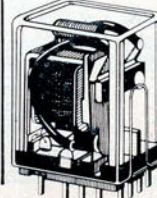
Encased in transparent plastic cover. Silver contacts. Lugs for plug-in or soldering. Resistance: 5000 ohms. **275-9217** **£4.89**



## HEAVY DUTY RELAY SOCKET

- 10 Amp Contacts

Solder Lug Socket for 10 Amp Heavy Duty Relays. (Cat. No. 275-217, 275-218). **275-220** **£1.19**

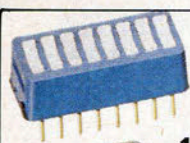


## HEAVY DUTY DPDT RELAY

- 10 Amp Contacts
- 12 V DC Winding

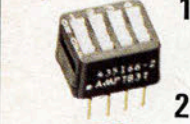
Encased in transparent plastic cover. Silver contacts. Lugs for plug-in or soldering. Resistance: 160 ohms. **275-218** **£3.99**

# YOU'LL FIND THE SWITCH YOU WANT AT TANDY



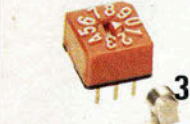
## Dip Switches

1. 8-Position DIP Switch. Fits 16-pin socket. **275-1301** £1.59
2. 4-Position DIP Switch. Fits 8-pin socket. **275-1304** £1.09
3. 10-Position BCD Rotary Switch. 0-9 binary-coded outputs for digital logic circuits. Positive detents. Fits 8-pin DIP socket. **275-1310** £1.89



## Lever Switches

4. Subminiature SPDT with lever. Solder lug terminals. Contacts rated 5 A at 250 V AC. Lever with 19 mm roller. Operating force 50 g. 19 x 6.3 x 9.5 mm. **275-017** 75p
4. Subminiature SPDT lever. Solder lug terminals. Contacts rated 5 A at 250 V AC. Lever Contacts rated 5 A at 250 V AC. Lever 19 mm long. Operating force 45 g. 19 x 6.3 x 9.5 mm. **275-016** 75p



## Rocker Switches

5. Solder lug terminals. Each switch includes mounting hardware! 3 SPST Flip action type. Contacts rated 6 A at 250 V AC. Requires rectangular 19 x 15.9 mm mounting hole. Mounting hole centres 30 mm. 22.2 x 12.7 x 12.7 mm. **275-611** 59p



## On/Off Switch Plates

6. Use with toggle switches with a bushing diameter of 11.9 mm. Keyway on bottom. **275-320** 6 for 45p



## Rotary Switches

7. 4-Pole, 2-Position. Contacts rated 0.3 A at 250 V DC. Requires 9.5 mm mounting hole. With washers and mounting nut 1 gang 50.8 mm shaft, 6.3 mm diameter. **275-1384** 69p
7. Single Pole, 12-Position. Shorting. 35 mm shaft, 6.3 mm diameter. **275-1385** 69p
7. 2-Pole, 6-Position. Single deck. Non shorting 31.7 mm shaft, 6.3 mm diameter. **275-1386** 69p
7. 4-Pole, 3-Position. Shorting. Requires 9.5 mm mounting hole. **275-9451** 69p
7. 2-Pole, 6-Position. Shorting. 35 mm shaft, 6.3 mm diameter. **275-9452** 69p



## Slide Switches

8. Heavy-duty. Set of 2. Solder lug terminals. Black button. Rated 4 A at 120 V AC 25.4 x 35 x 15.9 mm. **275-401 SPST** 2 for 59p  
**275-403 DPDT** 2 for 69p
8. Subminiature type. Contacts rated 0.3 A at 250 V AC. Mounting hole centres 19 mm, 15.9 x 6.3 x 6.3 mm. (Less lugs). **275-406 SPST** 2 for 59p  
**275-407 DPDT** 2 for 59p
8. DPDT slide switch shaft type lever. Contacts rated 0.5 A at 250 V AC. **275-410** 59p
8. Switch kit. Includes 1 SPDT, 1 DPDT, 3 SPST. Rated 0.5 A at 250 V AC. 12.7 x 22.2 x 31.7 mm. **275-327** 99p



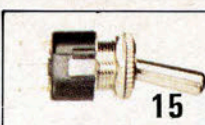
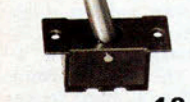
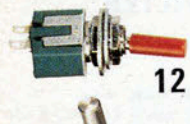
## Lock Type Push Switches

9. 0.2 A at 250 V AC, 1 A at 50 V DC. Feature solder lugs and contacts for PC pins. Moving contacts are spring-loaded to achieve constant pressure. Moulded housing for easy maintenance. Supplied with black, round knob. **275-9401** Two changeover 59p
10. **275-9402** Four changeover 79p



## Toggle Switches

11. Standard. With bat handles, on/off plates, solder lug terminals, 3 A at 250 V AC. Requires 11.1 mm mounting hole. **275-602 SPST** 49p  
**275-666 DPDT** 69p  
**275-322 1 DPDT + 2 SPST** £1.59
12. Subminiature. Contacts rated 3 A at 250 V AC. Solder lug terminals. 4 colour insulators for 9.5 mm long handle. 4.4 mm mounting hole required. 9.5 x 9.5 mm. **275-612 SPST** 99p  
**275-613 SPDT** 99p  
**275-614 DPDT** £1.09  
**275-620 DPDT** Centre off £1.29
13. 19.0 mm brushed aluminium baton. Flush mounting. Contacts rated 3 A at 250 V AC. Lug terminals. 23.8 x 15.8 x 14.3 mm. **275-607 DPDT** £1.29  
**275-630 SPST** 99p
14. Right angle board. PL Mounting. DPDT Centre off. **275-665** 99p



15. Miniature SPDT. Contacts rated 5 A at 250 V AC, 15.9 mm bat handle. Lug terminals. Body 15.9 x 9.5 mm. 11.1 x 9.5 mm bushing. **275-603** 99p



16. Lever type. 25.4 x 9.5 mm black lever. Rated 6 A at 250V. AC Bushing 12.7 x 9.5 mm. Body 23.8 x 15.0 x 15.9 mm. **275-651 SPST** £1.09  
**275-654 SPDT** £1.29  
**275-652 DPDT** £1.59  
**275-653 DPDT** Red lever, neutral centre £1.59



17. Subminiature type. Rated 10 A at 250 V AC. Solder lug terminals. 19 mm bat handle. With 4 colour insulators for handles. 12.7 x 11.1 x 12.7 mm. **275-324 SPST** 99p  
**275-326 SPDT** £1.09  
**275-325 SPDT** neutral centre £1.19  
**275-1546 DPDT** £1.39  
**275-1545 DPDT** neutral centre £1.49



18. Micro Toggle Switch **275-624 SPST** 79p  
**275-625 SPDT** 89p



19. All paddle type shaft. Rated 6 A at 250 V AC, 3 A at 220 V AC for contacts. **275-662 SPDT** £1.29  
**275-663 DPDT** £1.59  
**275-664 DPDT** centre off £1.89  
**275-635 SPST** £1.19  
**275-636 DPDT** £1.29



20. Compact Lever Switches. Rated 3 A at 250 V AC. Long terminals. Size 13 x 18 x 14.5 mm with 22 mm lever. **275-257 SPST** Black lever £1.09  
**275-259 DPDT** Red lever £1.79



21. Paddle Switches. Wide handled flip switched rated 6 A at 250 V AC. Mounting hole centre 10 mm. Size 30 x 20 x 8 mm. **275-642 SPDT** Red 99p  
**275-643 DPDT** Black £1.39

## Pushbutton Switches

22. Miniature Push-on/Push-off. Contacts rated 6 A at 250 V AC. Solder lug terminals. Requires 5.5 mm mounting hole. Screw-on black knob. 12.7 x 9.5 x 15.9 mm. **275-1551 SPST** £1.49



23. SPST Miniature. Normally open momentary contact type. 6.3 mm mounting hole required. Solder lug terminals. Rated 0.5 A at 250 V AC. **275-1547** £1.39  
**275-1548** Normally closed £1.59  
**275-1549 SPDT.** Miniature push switch momentary contact £1.39



24. Subminiature Push Switches. Pack of two, one red and one black. Rated 0.25 at 250 V AC. SPST momentary contacts. Normally Open. **275-1571 SPST** 99p



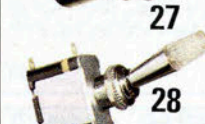
25. 10 mm Square Push Switches. Momentary push switches rated 25 mA at 50 V. Normally Open. **275-9490** Yellow 5 for £1.99  
**275-9491** Red 5 for £1.99  
**275-9492** White 5 for £1.99  
**275-9493** Blue 5 for £1.99  
**275-9494** Black 5 for £1.99  
**275-9495** Green 5 for £1.99



26. SPST Push-on/Push-off. Requires 12.7 mm mounting hole. Rated 3 A at 250 V AC. Solder lug terminals. **275-011** Red button 79p  
**275-609** Black + red button £1.19



27. Square SPST Push buttons. Moulded housings. Rated 3 A at 250 V AC. Require 12.7 mm diameter holes. Lug terminals. **275-617** Push-on/Push-off red 79p  
**275-618** Momentary, black 69p



28. Illuminated SPST. With snap action. 31.7 mm long bat handle. Bushing 12.7 x 11.1 mm. Solder lug terminals. Contacts rated 10 A at 250 V AC. 15.9 x 27 x 17 mm. **275-670** £2.49



## ASC II KEYBOARD £42<sup>95</sup>

Drive yourself your microprocessor! Sturdy one-piece base construction, with all switches. Protected against dust and dirt. Complete package including all parts, except printed circuit board. **275-1427** £42.95

**ASC II KEYBOARD CONNECTOR**  
Solder terminals for Project Board connection. **276-9116** £1.29

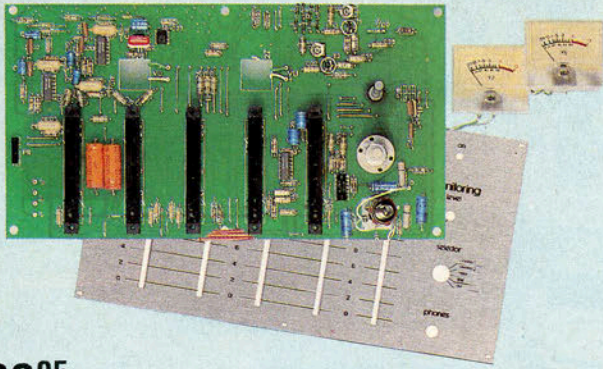


## NUMERIC KEYPAD £9<sup>95</sup>

Monolithic Keypad with 3 x 4 numbered keys. Springless magnetic return. Self-cleaning gold contacts. **275-9427** £9.95

# BUILD AND EXPERIMENT IN ELECTRONICS AT LOW COST

## STEREO MIXER

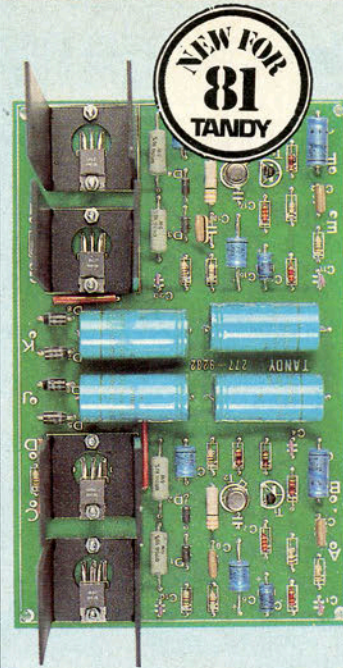


**£69<sup>95</sup>**

- Headphone Output for Monitoring!
- Separate Stereo Inputs!

**Inputs:** Microphone: 2 mV/100 ohms; Phono Ceramic: 100 mV/1 k ohm; Phono Magnetic: 5 mV/1 k ohm; Tape: 200 mV/50 k ohms; **Switchable Output:** 1.2 V/600 ohms or 30 mV/200 ohms. **Frequency Response:** 20-20,000 Hz; **THD:** Less than 0.1%. Connections for VU meters. **277-9227 £69.95**

## STEREO AMPLIFIER 2 x 40 WATTS RMS

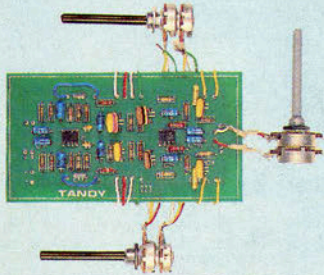


**£37<sup>95</sup>**

- Gain: 30 dB
- Input Sensitivity 600 MV RMS

**Input impedance:** 1 M ohm. **Speaker impedance:** 8 ohms. **Normal output:** 40 watts RMS/channel. **Frequency Response:** 15 Hz to 30 kHz - 1 dB, 10 Hz to 70 kHz - 3 dB. **Signal to noise ratio:** 80 dB. **Maximum distortion:** 0.2%. (Requires 4.2 V 3A Transformer 273-9555) **277-9232 £37.95**

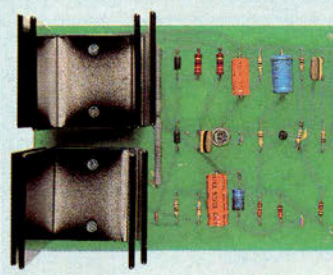
## STEREO PREAMP



**£24<sup>95</sup>**

For building a controlled preamp complete with loudness control, with input for magnetic phono and auxiliary. **Phono mag:** Sensitivity - 3 mV at 1 kHz. Impedance - 47 k ohms. **Aux:** Sensitivity - 100 mV. Impedance - 47 k ohms. **Tone controls:** Bass  $\pm 17$  dB at 50 Hz. Treble  $\pm 17$  dB at 1 kHz. **Adjustable output:** 1.55 V at 1 kHz. **THD:** Less than 0.1%. **277-9223 £24.95**

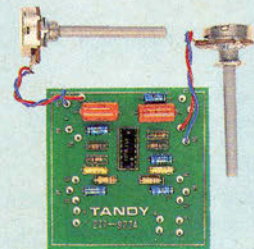
## 100 W POWER BOOSTER KIT



**£25<sup>95</sup>** ● 2 Darlington Power Transistors

**Specifications:** input impedance: 1 M ohm; **Gain:** 30 dB; frequency response: 15-45,000 Hz at 5 watts and 20-20,000 Hz at 50 watts; **Max. distortion:** 0.06% at 1 kHz up to 75 watts and 0.15% from 40 to 15,000 Hz; **Signal-to-noise ratio:** 80 dB with instructions, all components and heatsinks. **277-9222 £25.95**

## FREQUENCY COMPRESSOR-EXPANDER



**£18<sup>95</sup>**

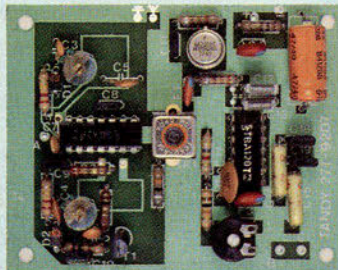
For building a mono noise reduction system suitable for use with recording tape, etc. **Input level:** 1V max. **Compression and expansion ratio:** variable up to 2 dB. **Switchable delay.** **Output impedance:** less than 1 kohm. **277-9224 £18.95**

## 20 WATTS MONOLITHIC AMPLIFIER KIT

**£13<sup>95</sup>**

Thanks to the use of the monolithic circuit this kit is extremely easy to use, yet highly accurate. **Output power at 4 ohms:** 20 W RMS at  $V_{cc} 2 \times 18$  V, 15W RMS at  $2 \times 17$  V. **Frequency response:** 40-15,000 Hz. **Gain:** 30 dB. Less than 1% total harmonic distortion at full power. With components and heatsink. **277-9204 £13.95**

## THE FM TUNER KIT FOR YOU



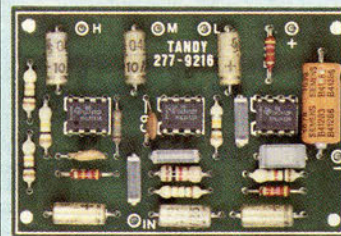
**£21<sup>95</sup>**

- Input: 75 ohms and Adjustable Output!

Thanks to its "strip line" conception, easy to assemble. Contains all components you need: 3 analog IC's, a FET oscillator and 3 ceramic filters. Add an aerial and an audio amplifier and you'll enjoy great FM sound! **277-9207 £21.95**

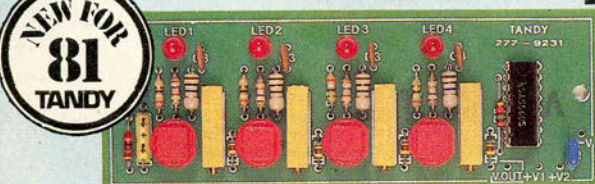
## ELECTRONIC 3-WAY SEPARATION FILTER

**£9<sup>95</sup>**



Electronically separates signal from a tuner or preamp into 3 frequency bands for input into power amplifiers or light show. **Frequency bands:** Low: 20-400 Hz, Midrange: 400-4000 Hz, High: 4000-400,000 Hz. **Power supply:** 10-20 V DC. **Input impedance:** 10 kohms. **Size:** 75x50 mm. Includes project board and components. **277-9216 £9.95**

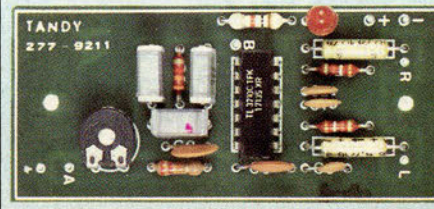
## PRESELECTOR 4 STATIONS FOR TUNER **£16<sup>99</sup>**



Compatible to FM Tuner Kit 277-9207. Just connect output from front end of tuner. Selector 4 stations in sequence and calibrate. Kit contains all components needed. Requires external power supply 12 V DC. **277-9231 £16.99**

## FM STEREO DECODER

**£9<sup>95</sup>**

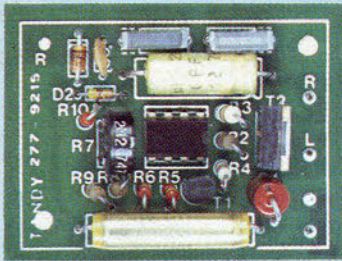


- Ideal for use with FM Tuner (277-9207)

Decodes FM stereo signals. Easy to assemble. **Power:** 8-14 V DC. **Consumption:** 13 mA. **THD:** Less than 0.3%. **Crosstalk:** 40 dB. **Impedance:** 50 k ohms. **Dimensions:** 80x36 mm. **277-9211 £9.95**

# TANDY HAS EVERYTHING FOR THE ELECTRICAL ENTHUSIAST

## Touch Sensitive Switch with Dimmer



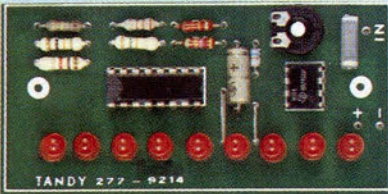
**£9<sup>95</sup>**

- For lamps up to 1000 Watts

Two function touch plate switches on/off power and also dims light intensity. Variable sensitivity. Low consumption 220/240 volt operation. 50 Hz. Complete with circuit board and components. Size 55 x 40 mm. 277-9215 £9.95

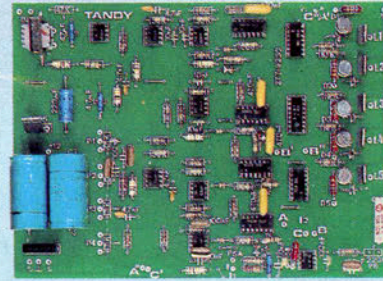
## Logarithmic LED VU-Meter

**£9<sup>95</sup>**



This logarithmic LED VU-meter uses 2 analog integrated circuits and 9 LEDs. Rivals those in top quality audio equipment and its linearity and accuracy is superior to conventional VU-meters. Low consumption. Single power supply. Excellent readability. Compact size and logarithmic scale. Ideal for pre-amplifier, mixer or power amplifier. Power: 12V DC, 30 mA. Variable sensitivity: from 250 mV to 6V. Dimensions: 80 x 40 mm. 277-9214 £9.95

## 5 Channel Light Organ



**£69<sup>95</sup>**

Five channels from bass, bass/midrange, midrange/treble, treble and a reverse channel mode, active in the absence of input frequencies. Running light operates automatically or pulses to music. Dimmer control on all functions. Power up to 1200 W per channel. Sensitivity:  $\pm 100$  mV. Complete with all components, including heatsinks. Requires cabinet (270-9600). 277-9230 £69.95

## Running Light Kit

**£18<sup>95</sup>**

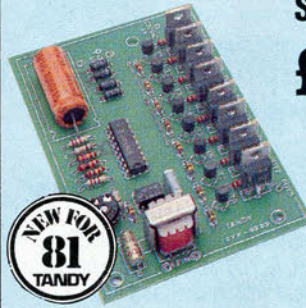
- Perfect for Shop-Windows, Dance Halls ...
- 4 Channel!

The light 'runs' from the first to the fourth bulb in definite order and one by one. Specifications: power supply: 220-240 V; output: 220 V-1,000 watts per channel; adjustable speed; TRIAC semi-conductors. Contains all the components you need and a power transformer. 277-9203

## Sound to Light

**£29<sup>95</sup>**

Built in pre-amplifier. Add audio input. 8 channels at 1,000 watts maximum. Input impedance 850 linear. Input sensitivity 100 mV to 10V. Perfect for discos. Requires 9V AC 500 mA. 277-9233 £29.95 Available December 1980

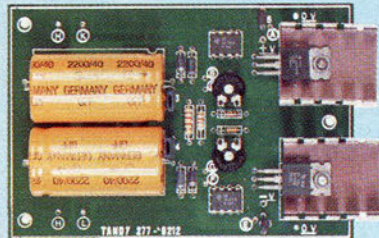


## Variable Power Supply 20 V-0-20 V DC

**£11<sup>95</sup>**

- Low ripple, stable regulation!
- Perfect for working with TTL Circuitry

Low ripple, stable, 1 amp, regulation — this Project Board provides 0-20 volts DC with plus and minus operation at 1 amp. Input Voltage: 2 x 18V (1 amp). Output Voltage: 20.0-20V DC (max 1A, 60 watts). With overload protection. Ideal for sensitive circuits. Dimensions: 75 x 115 mm. 277-9212 £11.95

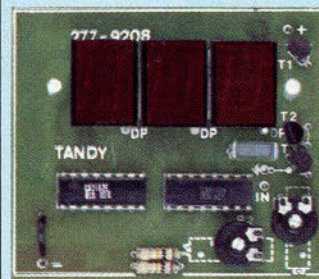


## Precision Digital Millivoltmeter

**£22<sup>95</sup>**

- Only 80 x 45 mm!
- Input Impedance: 10 M ohms!

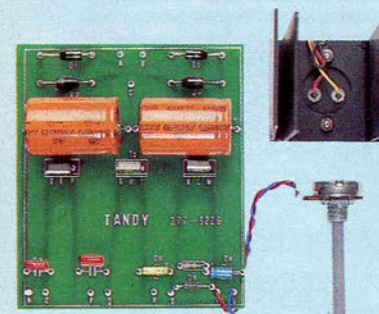
The ideal basis to assemble useful test equipment. Features mV full scale, auto-zero, automatic polarity indication, overload indication, 12 mm LED displays. Requires a single power supply of 5 volts 250 mA. With transformer-circuit and all components. 277-9208 £22.95



## Regulated Power Supply 5V - 12V - 24V

**£24<sup>95</sup>**

Project board producing regulated 5 and 12 volts DC up to 1 amp. Plus a variable supply from 2-24 volts DC (1 amp. max.). The total power available depends on the size of transformer (not included). Package contains circuit board and components. 277-9226 £24.95 273-9211 £6.25 2 amp., 25-2V Transformer

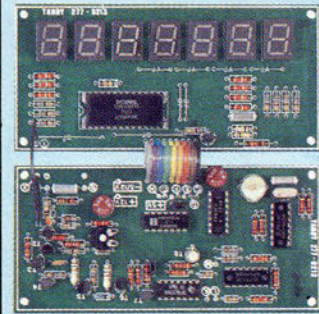


## 50 MHz Digital Frequency Counter

**£69<sup>95</sup>**

- Range from 0.1 Hz to 50 MHz!

All Solid State circuitry, ideal for audio and shortwave equipment. 7 digit display. Power: 12V, 30 mA & 5V, 200 mA. Input impedance: 1M ohm. Voltage: 50v max. Accuracy: better than 0.01%. Dimensions: 125 x 90 cm. 277-9213 £69.95

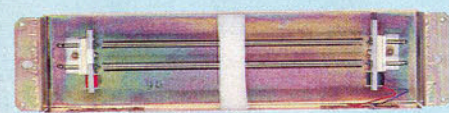


## Reverberation Unit

**£5<sup>99</sup>**

- Reverberation Time: 2 seconds!
- Easy to Assemble!

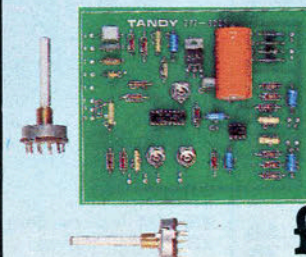
This reverberation unit with two coiled springs enables you to build your own reverberation amplifier. Frequency response: 100-5,000 Hz. Input Impedance: 16 ohms; output impedance: 600 ohms. Size: 240 x 55 x 30 mm. To make the sound even more realistic! 277-9201 £5.99



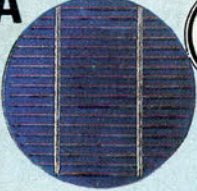
## Low Distortion AF Generator

**£29<sup>95</sup>**

Ideal for designing and testing audio appliances. Very low distortion: less than 0.1% at 1 kHz typical. Wide 10 Hz to 100 kHz frequency range in 4 bands. 2 outputs simultaneously available: Output A: Sine, triangular and sawtooth wave output; Output B: Square and pulsed wave output. maximum output voltage: 1V. Internal power supply but requires 12V/300 mA transformer (273-9207). 277-9225 £29.95



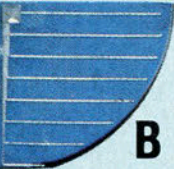
# LET TANDY DISPLAY YOUR PROJECTS

**A**  **NEW FOR 81 TANDY**

## SILICON SOLAR CELLS

**A. 3" Silocon Solar Cell**  
Convert sunlight into electrical power. Delivers 0.45V at 1 amp. Use several in series parallel for higher voltages/current. Available December 80.  
**276-123 £7.99**

**B. 90° Solar cell segment 0.5V — 150 mA.**  
**276-9128 £1.79**

**B** 

**PUSHBUTTON KEY PAD MODULE**

**NEW FOR 81 TANDY**


**£10<sup>99</sup>**

- Great for Remote Control Circuitry or Amateur Radio Auto Patching

Twelve-button keyboard has 1.5 x 2" face. Requires 3-5Vdc at 16 mA  
**277-1010 £10.99**

Available January 81

## 4 DIGIT 0.5" LIQUID CRYSTAL DISPLAY

 **£4.49**

- Reflective type!
- Direct drive!
- Low power design!

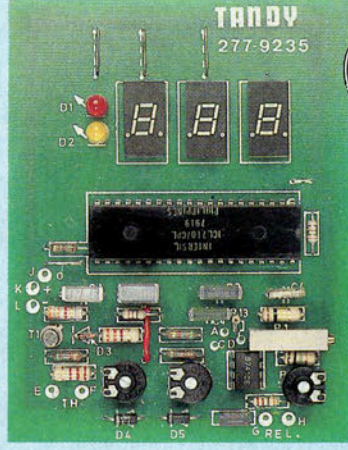
0.5" Reflective type LCD display featuring snooze, alarm and PM indicators. Low power requirement. Direct drive design, 4-10V at 2uA. Wide operating temperature range -5 to +60° C. Complete with socket and data sheet.  
**276-1230 £4.49**

## THERMOMETER/THERMOSTAT ULTRA-PRECISE

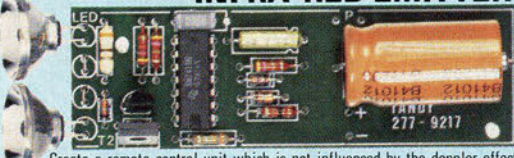
**NEW FOR 81 TANDY**

- Indication in Degree C
- From -50° to +150° C

This thermometer kit measures temperature from -50° to 150° C. Perfect for measuring indoor temperature, Aquarium — Deep Fridge etc. Requires external power supply. 2 x 5 VDC stabilised. 2 x 6.3 VDC at 500 mA.  
**277-9235**  
Not available in U.K.

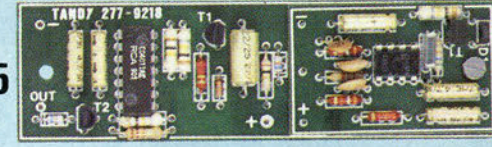


## INFRA-RED EMITTER

 **£10<sup>95</sup>**

Create a remote control unit which is not influenced by the doppler effect. Range: 10 to 15 metres. Power Supply: 7-9 VDC. Current in: 1 A. LEADS: 0.2A. Frequency: 30 kHz. Reflectors supplied. Used with infra-red detector (277-9218).  
**277-9217 £10.95**

## INFRA-RED DETECTOR

 **£14<sup>95</sup>**

Detects and amplifies the infra-red signals emitted by one or more emitters (277-9217). Power supply: 12 VDC, 30 MA. Sensitivity: 5 microvolts. 12 V, 100 MA output for direct control of a relay, lamp, etc.  
**277-9218 £14.95**

## 4-DIGIT LCD TIMER/CLOCK MODULE

 **NEW FOR 81 TANDY**

- Large Half-Inch LCD Display

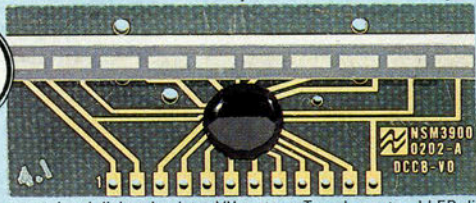
Versatile, nine-function, crystal-controlled timekeeper/controller module. 12 or 24-hour time format. Built-in backlight, dual time zones, stopwatch, sleep, and control timer functions. 24-hour alarm. 71 mm x 38 mm. 1.5 VDC operation.  
**277-1007 £19.95**  
Available December 80

**£19<sup>95</sup>**

## LED VU METER MODULE

**NEW FOR 81 TANDY**

- Update Your Present Audio System
- Fully Electronic for Fast Response

 **£6.49**

Replacement for conventional dial and pointer VU meters. Ten-element red LED display has moving-point or bar option. Includes application notes. Requires 12 VDC. 2 x 7/8 x 7/32".  
**277-1009 £6.49**  
Available January 81

## 12 V DC AUTOMOTIVE DIGITAL CLOCK MODULE

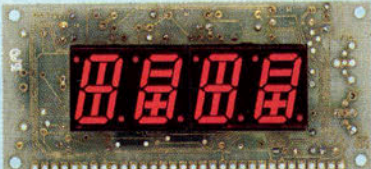
- 4 Digit, 7.6 mm Green Display!
- Highly Accurate to ±0.5 sec./day!

 **£17<sup>95</sup>**

Complete, just add switches. Monolithic MOS/LSI clock circuit, 4 digit green vacuum fluorescent display, 2.097 MHz crystal and all components for a 12 V DC Electronic Digital Clock. Zero blanking display and blinking colour activity indicator. Easy 6-pin connection.  
**277-1003 £17.95**  
**276-9110 6-pin edge connector for 277-1003 69p**

## TIME/TEMPERATURE CLOCK MODULE

- Selectable Time/Temperature Display Modes
- Remote Temperature Sensing

 **£14.95**

Complete 12/24-hour clock features temperature display in degrees C. or F. Built-in beeping 24 hour alarm drives an 8 ohm speaker directly. 9-minute snooze and 59-minute sleep feature. Fixed or flashing colon. Dimmer circuit.  
**277-1006 £14.95**  
**276-1734 Temperature Sensor IC.LM334 £1.39**  
**273-9521 AC Transformer £2.29**

## LCD CLOCK MODULE

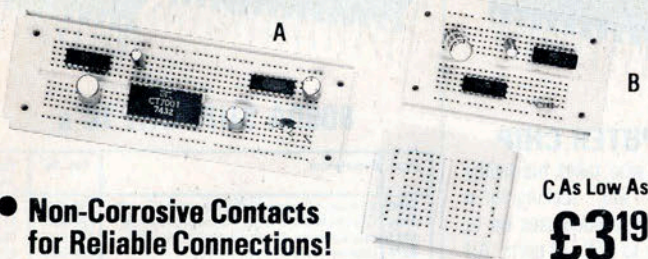
 **£17<sup>95</sup>**

- 24 Hour Alarm
- Shows Time/Day/Date

Complete clock module — just add switches and battery. 6.3 mm LCD display built-in backlight. PM alarm set and snooze indicators selectable 12/24 hour time display, US or European day/date display. 24 hour alarm output. Accuracy ±30 sec. month. Operates up to one year on a 1.5 V battery.  
**277-1005 £17.95**

# TANDY'S UNRIVALLED SELECTION OF COMPONENTS

## IC BREADBOARDING SOCKETS



C As Low As

**£3.19**

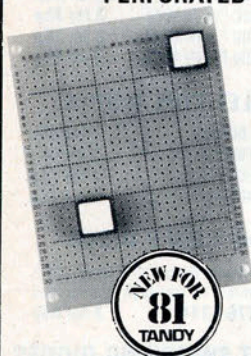
● **Non-Corrosive Contacts for Reliable Connections!**

**A. Modular Breadboarding Socket.** Standard 7.6 mm centre for use with DIP IC's or large IC's up to 40 pins. Boards snap together horizontally or vertically and accept 22 thru 30 solid hookup wire. 2 bus strips—labelled X and Y—with 40 tie points each and 47 rows of 5 connected tie points labelled A thru J for up to 550 connections. 44 x 150 mm overall. **276-174 £7.49**

**B. Smaller version of above.** Has 270 connections in two bus strips of 40 tie points each with 23 rows of 5 connected tie points. 55 x 90 mm overall. **276-175 £4.99**

**C. Breadboard socket.** 7.6 mm centre channel, non-modular. Perfect for 1 or 2 IC designs. 33 x 45 mm overall. **276-176 £3.19**

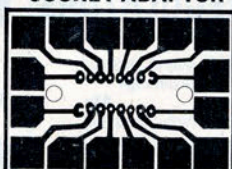
## DIP EXPERIMENTAL PERFORATED BOARD



**99p**

Single Size, Board has copper-clad mounting holes. Perfect for experimental electronic projects etc. **276-9001 99p**

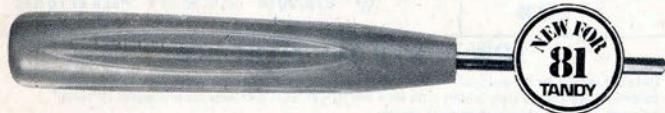
## DUAL IN LINE IC SOCKET ADAPTOR



Set of 2 **69p**

For 14 and 16-pin IC's 31 mm between mounting holds. Copper-clad 54 x 38 x 1.6 mm. **276-024 Set of 2 69p**

## SPOT FACT CUTTER



Designed for accurate and clean breaking of copper strip on Archer boards. The tool can be used in 0.1" and 0.15" matrix boards. Best results are obtained when only light pressure is employed. **276-9207 £2.99**

**£2.99**

## KYNAR WIRE AND WRAPPING TOOL

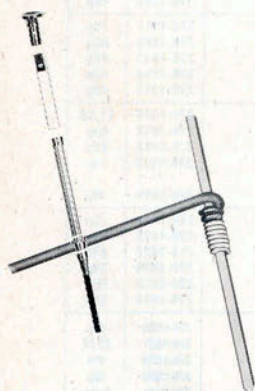
● **A new assembly method—no soldering required!**

Wire wrapping tool. Ensures firm connections and good contacts. **276-1570 £4.65**

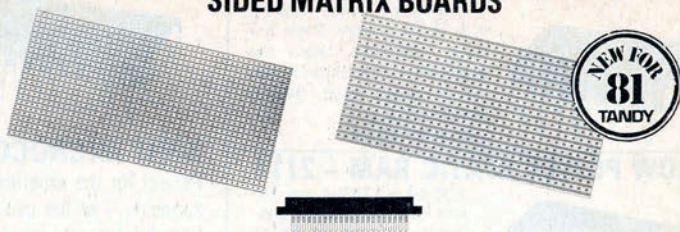
14 pin IC socket for wire wrapping method. **276-1993 2 for £1.19**

16 pin IC socket for wire wrapping method. **276-1994 2 for £1.37**

1.25 m Wrapping Wir Kynar  
**278-501 Red £1.79**  
**278-502 White £1.79**  
**278-503 Blue £1.79**  
**276-1980 Dip Header 99p**



## ARCHER FULLY PIERCED SINGLE SIDED MATRIX BOARDS



NEW FOR  
**81**  
TANDY

CAT NO	DIMENSIONS IN MM	NO OF STRIP	HOLES PER STRIP	PRICE
276-9200	9.5 x 6.35	24	37	£1.09
276-9201	13 x 6.35	24	50	£1.29
276-9202	9.5 x 9.5	36	37	£1.59
276-9203	13 x 9.3	36	50	£1.69
276-9204	9.5 x 6.35	16	25	£1.09
276-9205	13 x 6.35	16	33	£1.29
276-9206	13 x 9.5	23	33	£1.69

## PRINT CONNECTORS

CAT NO	STRIPS	PITCH	PRICE
276-9110	6	4 mm	69p
276-9111	10	4 mm	99p
276-9112	18	4 mm	£1.19

## UNIVERSAL PC BOARDS AND CONNECTOR



Maximum mounting flexibility for IC's. Boards have copper-clad mounting holes on 2.5 mm grid and are etched on both surfaces to accept a 22 pin connector (Cat No 276-1551). Only 114 x 101 mm.

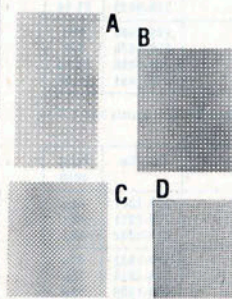
- A. Standard edge-card board!** For most circuit applications. Has 1295 mounting holes. **276-152 £2.69**
- B. 2-voltage source edge-card board.** For digital circuits. Has 1368 mounting holes. **276-154 £2.79**
- C. 3-voltage source edge-card board.** For OP AMPS. Has 1368 mounting holes. **276-153 £2.89**
- D. 44-pin edge-card connector.** For 22 pin edge-card board. 44 solder ivy terminals. Insulated, non-corrosive contacts. **276-9182 £2.95**

## PERFBOARDS FOR COMPONENT MOUNTINGS

- For modular construction or miniature components
- Breadboard or permanent

Pre-punched phenolic perfboards and solid copper-clad boards to make your own printed circuits. 1.58 mm thick.

GRID HOLE CENTRES	HOLE SIZE
A. 6.7 x 6.7 mm	A. 2.4 mm
B. 4.8 x 4.8 mm	B. 1.6 mm
C. 2.7 x 5.1 mm	C. 1.6 mm
D. 1.2 x 1.2 mm	D. 0.25 mm

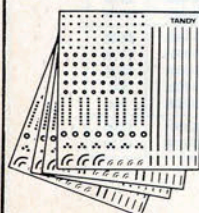


CAT NO	SIZE	TYPE	PRICE
276-1582	175 x 92 mm	PERFORATED A	79p
276-1586	150 x 75 mm	NON PERFORATED	89p
276-1587	230 x 150 mm	NON PERFORATED	£1.64
276-1390	145 x 115 mm	PERFORATED B	89p
276-1392	145 x 115 mm	PERFORATED C	79p
276-1394	114 x 152 mm	PERFORATED D	£1.39
276-1395	7A x 152 mm	PERFORATED D	£1.05p
276-1396	152 x 203 mm	PERFORATED D	£1.85

## TRANSFER—SYMBOLS FOR PC BOARDS

**£1.75**

Symbols transfer directly on to the copper side and are resistant against ferric chloride solution. 5 sheets. **64-9030 5 for £1.75**



## PRINTED CIRCUIT BOARD PROCESSING KITS AND ACCESSORIES

**£1.29**

**A. Resistant Marking Pen.** Black ink, fine point, etch resistant. Use it on copperclad boards. **276-1530 £1.25**



**£2.19**

**B. Etchant Solution.** Special ferric chloride solution removes copper completely. Simple and efficient. **276-1535 £2.19**



**C. Printed Circuit Kit.** Includes two copperclad boards, resist ink solvent, etchant, pen, layout strips and circles scouring pad 3.2 m drill bit and plastic box as etching tank. **276-1576 £6.79**







# TANDY SOLID—STATE DEVICES AT EVERYDAY LOW PRICES

## Rhythm Pattern Generator

**£349**

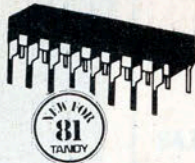
**MM5871.** PMOS IC provides 6 separate patterns, used alone or in combination. Adjustable on-chip oscillator sets tempo. Trigger outputs for wood block, brushes, bongo, snare and bass drum with adjustable pulse width. Application circuits. Data included. 16-pin DIP. **276-1785 £3.49**



## Noise Generator

**£289**

**S2688/MM5837.** Percussion instrument voice generator for rhythm units, synthesizers, simulated pip "wind" noise, acoustics testing (white and pink noise), random events generator. 17-bit shift register is clocked by an internal oscillator. 8-pin mini DIP. **276-1768 £2.89**



## Semiconductor Applications Handbook

**£139**

Handy reference gives application and circuit examples for most popular linear and digital IC's. Basic building block circuits for digital logic includes truth tables and helpful tips. 128 pages. **276-5001 £1.39**



## Top Octave Synthesizer

**£469**

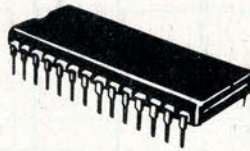
**S50240.** PMOS oscillator/frequency divider chip generates 13 equal-tempered notes from C8 to C8. CMOS compatible square wave outputs have 50% duty cycle for driving additional dividers or voice filters. **276-1780 £4.69**



## "Music Synthesizer" IC

**£289**

Drives 8 ohm speaker directly. IC inc. 2 VCO's LF oscillator, noise generator and filter. 2 mixers, envelope modulator and timing logic circuit. Needs 9 V battery. 28 pin DIP. Type SN76488. **276-1765 £2.89**



## IC Sound Generator Linear/12L Device

**SN76488.** Includes both analog and digital circuitry on one chip. Microprocessor compatible for sophisticated multiplexing of sounds. Built-in audio amplifier has 125 mW output. Data included. 28-pin DIP. **276-1766 £4.99**



## 555/556 IC Timers

**RESETTABLE.** Time from 1  $\mu$ s to 1 hour. Operate from 5 to 15 volts. Many other applications as time-base for oscilloscope. Schmitt trigger, synchronous circuits, sawtooth generators, etc. **276-1723** type 555 timer IC, 8-pin mini DIP case **69p**  
**276-1728** type 556 dual timer IC. Two 555 IC's on a single 14-pin DIP **£1.09**



## Dual Analog Delay IC

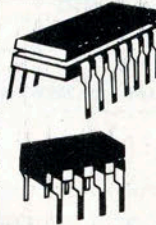
**£695**

**SAD1024 A "BUCKET BRIGADE"** device has 2 separate 512 stage shift registers used independently or in combination. Creates reverb, echo, phase, shift, chorus and vibrato effects. NMOS design. Full data. 16-pin DIP. **276-1761 £6.95**



## Phase Locked Loops

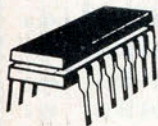
**LM 556.** For modulation, tone and function generation. Max frequency: 1 MHz Output: 50 ohms. Requires 10-24 V DC. 14-pin DIP. **276-1724 £1.39**  
**LM 567.** For ultrasonic decoding, remote controls, wireless intercoms. Frequency range: 0.01 Hz to 500 kHz. Requires 4.75-9 V DC. Input: 20,000 ohms. 8-pin DIP. **276-1721 £1.79**



## 3-Digit BCD Counter IC

**£269**

**MC14553 CMOS** chip features three decade counter, three quad latches and a built-in display multiplexer — all in a single 16-pin DIP! Can replace over 8 separate IC's in a digital display circuit. **276-2498 £2.69**



## LED Bar/Dot Display Drivers

**LM3914N.** With 10 adjustable analog steps, selectable bar or dot display mode. Expandable up to 100 steps. Current-regulated LED outputs. Wide 8 to 25 V DC supply range. 18-pin DIP. **276-1707 £3.49**  
**LM3915N.** Above but with 3 dB log steps. **276-1708 £5.29**



## Low Current LED Flasher/Oscillator

**3909.** Monolithic oscillator specifically designed for LED's or digital devices. Low current drain — under 0.5 mA. Voltage operation from 1 to 5 V. Low impedance output (8 ohms). 8-lead plastic mini-DIP case. **276-1705 79p**



## Oscillator/Divider IC

**Generates Accurate 60 Hz Reference**

**A. CMOS IC** with 17 binary divider stages produces a highly stable 60 Hz square wave. Uses a 3.58 MHz crystal reference. Very low power operation over a wide 3-15VDC range. 8-pin DIP. **276-1769 £2.19**  
**B. 3.58 MHz crystal.** **£1.35**



## LM 1800. FM Stereo Demodulator

**£179**

Just one potentiometer to align. Low distortion, phase locked loop. 16-pin DIL package. **276-9155 £1.79**



## Quant Comparators

**LM339.** For limit comparators, simple analog to digital converters. Single supply 2-36 V DC. Input offset,  $\pm 3$  mV DC. Low power drain. **276-1712 99p**



## V to F/F to V Converter IC

**£249**  
**● Bi-Polar and CMOS Design**  
Accepts an analog voltage and generates linearly proportional output frequency or can provide a voltage output which depends on input frequency. Operates up to 10.0 kHz. With data. 14-pin DIP. **276-1790 £2.49**



## Temperature Controller

**3911.** Can be calibrated in  $^{\circ}$ K,  $^{\circ}$ C or  $^{\circ}$ F. Rated for operation over a  $-25^{\circ}$ C to  $85^{\circ}$ C temperature range. **276-1706 £1.37**



## Linear Output Amplifiers



**709C Linear Operational Amplifier.** For linear circuits, analog computers, relay drivers. 250 mV dissipation. 9-15 volt input. 8-pin DIL plastic case. **276-9164 69p**

**703. RF Amplifier.** To 150 MHz. High stability. Limited gain. Silicon chip in 8-pin DIL case. **276-0008 79p**

**741C. High Performance Op Amp.** Frequency compensated 709M. Ideal voltage follower. 500 mW power dissipation, 15-volt input. **276-0007 65p**

**1458 Dual 741 Op Amp 2X741** in 8-pin mini DIP package. **276-0038 89p**

**324 Four 741 Op Amp.** Internally compensated 3-30 VDC DC. Gain 100 dB. Output 18 mA. 14-pin DIL package. **276-1171 £1.29**

**LM349 Four 748 Wide Band Amp.** Low distortion. Low current drain: 0.6 mA/Ampl. band width: 4 MHz at gain = 4. 15-pin DIL package. **276-9152 £1.79**

## LM379 Dual 5-Watt Audio Power Amp.

3M ohm input impedance. Internal current limiting, low distortion. 12V to 30V supply. 75 dB separation. 14-pin power package. Use a bridge circuit for 12W output. **276-9157 £2.35**



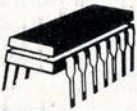
## LM384 5-Watt Audio Power Amplifier.

34 db (50) gain. Input impedance: 150 Kohm. 10V DC supply. 14-pin DIL package. **276-9156 £1.59**



## LM387 Low Noise Stereo Pre-Amp.

IC: 0.8  $\mu$ V total input noise! 104 dB open loop gain. 15 MHz unity gain, short circuit protected. Single supply operation. 9V to 30V. **276-9153 £1.29**



## LM386 Low-Voltage Audio Amp.

Response: 20-20,000 Hz, 20-200 voltage gain. Audio output up to 500 mW. 60 Kohm input impedance. 4-12V supply. 8-pin mini-DIP. **276-1731 94p**



## TDA2020 20 Watt Hi-Fi Audio Power Amp

**Supply voltage** +22V DC max. 10-160,000 Hz  $-3$  dB. Input impedance 5 M ohms, short circuit and thermal limiting circuits. **Output load:** 4-16 ohms. Use two in bridge for 40 W amplifier. **276-9158 £4.45**



## LM377 Dual 2-Watt Audio Amp

10V to 26V supply. 3 M ohm input impedance. **Distortion:** 0.1% by 1 kHz for 2 W output. 8-16 ohm output load. **276-9154 £1.59**



## Dip and Transistor Sockets

### A. Dip Sockets

Phenolic body: Easy mounting for IC into any chassis.  
**276-1995** 8-pin Low-Profile **2 for 39p**  
**276-1999** 14-pin Low-Profile **2 for 79p**  
**276-1998** 16-pin Low-Profile **2 for 79p**  
**276-9179** 24-pin Low-Profile **each 59p**  
**276-1997** 28-pin Low-Profile **each 49p**  
**276-1996** 40-pin Low-Profile **each 59p**

### B. Transistor Sockets

Eliminates loss or damage of transistors. 9.5 x 6.3 mm. **276-548 Set of six 95p**

### C. Power Transistor Sockets

Spring contacts in brass-cadmium and moulded nylon top, for any TO-3 case **276-029 Set of two 69p**



## Thyristors

**A. SCR's.** High current voltage control with high gate sensitivity.  
**276-1067** 6A, 200V **99p**  
**276-1020** 6A, 400V **99p**  
**B. 400V Triacs**  
**276-1000** 6 amps **99p**  
**276-9177** 12 amps **£1.39**  
**C. 276-9175** 2N6385, NPN 100 W **£2.25**  
**276-9176** RCA8350B, PNP, 70 W **£2.45**

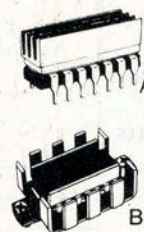


## Heat Sinks for DIP IC

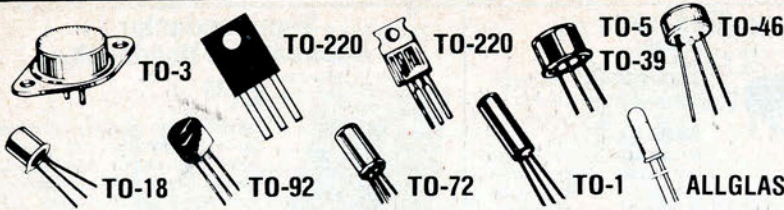
For 14 or 16-pin DIL IC packages. Minimum interface loss. Needs no extra board space.

**A. 276-9180** Black anodized. Fits already mounted IC's. **£1.29**

**B. 276-9181** Fitting with mounting bracket and screws. **£1.99**



# TANDY HAS REPLACEMENTS FOR MORE THAN 60,000 TRANSISTOR TYPES



## Semiconductor Handbook

A comprehensive guide to Tandy's line of high quality semiconductors. Cross reference/substitution listings for over 100,000 devices. Plus pin connections and data for IC's, diodes, SCRs, LEDs, and more!

£ 1.29

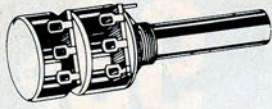
224 Pages. 276-4003 £ 1.29

CODE	DESCRIPTION	DISS mW	VCBO (V)	BEBO (V)	Ic (mA)	Hfe	TYPE	CASE STYLE	Cat. No.	Each
<b>GERMANIUM</b>										
2001	Gen. Purpose Amp & High Speed Switch. Type 2N1304/AC127	150	25	25	300	150	NPN	TO-5	276-2001	79 p
2002	Gen. Purpose Audio Amp. Type AC130/AF126	200	25	-	150	150	NPN	TO-1	276-2002	79 p
2003	RF/IF Amp & Oscillator. Type AC107	50	20	0.5	10	75	PNP	TO-1	276-2003	79 p
2004	Gen. Purpose Audio Amp. Type AC184/AF135	170	25	25	75	95	PNP	TO-1	276-2004	59 p
2005	Gen. Purpose Audio Amp. Type AC109/AC128	150	25	25	75	95	PNP	TO-1	276-2005	59 p
2006	Power Audio Amp. Type AD103/OC26	30W	30	30	7A	80	PNP	TO-3	276-2006	£ 1.19
2007	Gen. Purpose High Frequency Amp. Type 2N1305/BCY70/ASY26	150	30	25	300	40	PNP	TO-5	276-2007	99 p
<b>SILICON</b>										
2008	Med. Power Amp. Type 5058	1W	300	7	30	40	NPN	TO-39	276-2008	89 p
2009	Gen. Purpose Amp & High Speed Switch. Type 2N2222	600	60	5	800	50	NPN	TO-92	276-2009	59 p
2010	Low-Level, Low-Noise High Gain Amp. Type 2N2484/BC107	360	60	6	50	250	NPN	TO-92	276-2010	59 p
2011	RF/IF Amp & Oscillator	600	30	3	50	20	NPN	TO-92	276-2011	59 p
2013	Gen. Purpose Low Frequency Amp. Type BC147/2N5088	350	50	4.5	50	250	NPN	TO-92	276-2013	49 p
2014	Gen. Purpose Audio Amp. Type BC141/2N5449	360	50	5	800	100	NPN	TO-92	276-2014	54 p
2015	High Frequency RF/IF Amp. Type 2N4996	400	30	4	50	40	NPN	TO-92	276-2015	49 p
2016	Gen. Purpose Amp & Switch. Type 2N3904/BC113	360	60	6	200	100	NPN	TO-92	276-2016	49 p
2017	Power Audio Amp. Type TIP31	40W	40	5	3A	35	NPN	TO-220	276-2017	69 p
2018	Power Amp & High Speed Switch. Type TIP29	40W	40	5	1A	15	NPN	TO-220	276-2018	69 p
2019	Power Amp & High Speed Switch. Type TIP33	35W	40	5	10A	20	NPN	TO-220	276-2019	99 p
2020	Power Amp & High Speed. Type TIP3055	90W	100	7	15A	20	NPN	TO-220	276-2020	99 p
2021	Gen. Purpose Amp & Med. Power Switch. Type BC143/2N907	350	12	4	80	30	PNP	TO-92	276-2021	69 p
2023	Gen. Purpose Amp & High Speed Switch. Type 1N2907/BC116	600	60	5	100	50	PNP	TO-92	276-2023	59 p
2024	Gen. Purpose Amp & Med. Power Switch. Type 2N5447/BC154	360	40	5	200	60	PNP	TO-92	276-2024	69 p
2025	Power Audio Amp. Type TIP32	40W	40	5	3A	35	PNP	TO-220	276-2025	69 p
2026	Power Amp & High Speed Switch. Type TIP30	40W	40	5	1A	15	PNP	TO-220	276-2026	89 p
2027	Power Audio Amp. Type TIP34/2N4901	35W	40	5	10A	50	PNP	TO-220	276-2027	£ 1.19
2030	Gen. Purpose Power Amp High Current. Type 2N3053	5W	60	5	700	50	NPN	TO-39	276-2030	79 p
2031	Gen. Purpose Audio Amp. Type BC108/2N3565	200	30	6	50	120	NPN	TO-92	276-2031	49 p
2032	Low-Noise, High-Gain, Med. Power Switch. Type 2N3638/TIS50	350	12	4	80	30	PNP	TO-92	276-2032	49 p
2033	High Speed Switch High Current. Type 2N2219/2N3643	350	40	5	500	100	NPN	TO-92	276-2033	39 p
2034	Gen. Purpose Audio Amp. Type BC204/2N3906	350	40	5	200	100	PNP	TO-92	276-2034	39 p
2038	Gen. Purpose Amp & High Speed Switch. Type 2N1304/AC127	5W	55	3.5	400	100	NPN	TO-39	276-2038	£ 1.29
<b>POWER TRANSISTORS</b>										
2039	High Power Amp & Switch. Type 2N6569	100W	40	5	12	100	NPN	TO-3	276-2039	£ 1.09
2040	High Power Amp & Switch. Type 2N6594	100W	40	5	12	100	PNP	TO-3	276-2040	£ 1.29
2042	Power Darlington. Type 2N6166	120W	60	60	15	20,000	NPN	TO-3	276-2042	£ 1.59
2043	Power. Type 2N6050	150W	100	60	15	70	PNP	TO-3	276-2043	£ 1.29
<b>FIELD EFFECT TRANSISTORS</b>										
		N Channel	P Channel	DISS mW	VDSS V	VgSS V	g/s «/» n:mas	CASE STYLE	Cat. No.	Each
2035	Small Signal General Purpose. Type 2N3819	X	-	360	25	25	2.0/6.5	TO-92	276-2035	59 p
2036	RF Amp to 200 MHz. Type 2N3823	X	-	300	30	30	3.5/6.5	TO-72	276-2036	89 p
<b>UNIUNCTION</b>										
		DISS	rBB	N	VEB	VOB	IP	CASE STYLE	Cat. No.	Each
2029	Unijunction transistor. Type 2N4891	360 mW	9.1k	82	4.0V	3.0V	5.0 $\mu$ A	TO-92	276-2029	99 p
<b>VARIOUS &amp; "EUROPEAN" MODELS</b>										
		DISSV	VCED	VCBO	Ic (MA)	Hfe	Type	CASE STYLE	Cat. No.	Each
0C-71	Gen. Purpose Germanium	125 mW	10	10	10mA	35-125	PNP	Allglass	278-9032	89 p
2N1711	Gen. Purpose Silicon	0.7W	75	50	800 mA	100	NPN	TO-5	276-9033	59 p
2N2905	Gen. Purpose Silicon	0.6W	60	60	600 mA	75	PNP	TO-5	276-9034	59 p

There's a Tandy store near you - Wherever you are

# TANDY FOR A WIDE SELECTION OF RESISTORS AND CONTROLS

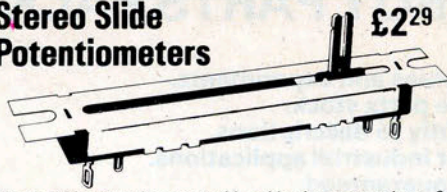
## Stereo Potentiometer (Log)



£1.29

100k ohms logarithmic audio taper. 16 mm outside diameter. 6.3 mm shaft diameter. 50 mm shaft length. Includes all mounting hardware. 271-224 £1.29

## Stereo Slide Potentiometers

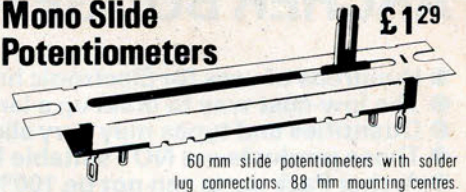


£2.29

60 mm slide potentiometers with solder lug connections. 88 mm mounting centres.

271-9001 Stereo Log potentiometer—10k £2.29  
271-9002 Stereo Log potentiometer—100k £2.29

## Mono Slide Potentiometers



£1.29

60 mm slide potentiometers with solder lug connections. 88 mm mounting centres.

271-9003 Mono Linear potentiometer—10k £1.29  
271-9004 Mono Log potentiometer—10k £1.29  
271-9005 Mono Log potentiometer—100k £1.29  
271-9006 Mono Log potentiometer—500k £1.29

## Linear Taper Potentiometers



59p

- Shaft size, 50.8 x 6.3 mm!
- Mounting hardware included!

Cat. No.	Ohms	Price
271-1714	5 k	59p
271-1715	10 k	59p
271-1716	50 k	59p
271-092	100 k	59p
271-210	500 k	59p
271-211	1 Meg	59p
271-093	2 Meg	59p

## Audio Taper Potentiometers



59p

As Low As

- Shaft size, 50.8 x 6.3 mm!
- Mounting hardware included!

Cat. No.	Ohms	Price
271-1720	5 k	59p
271-1721	10 k	59p
271-1722	100 k	59p
271-1723	500 k	59p

## Miniature Potentiometers



89p

- Audio taper!
  - DPST switch!
- Fits 8 mm hole. Brushing 6.3 mm x 4.8 mm. Mounting hardware included. 6.3 mm shaft 9.5 mm long. 15.87 x 19 x 25.4 mm.

Cat. No.	Ohms	Price
271-214	5 k	89p
271-215	10 k	89p
271-216	100 k	89p

## 0.5 Watt Resistors

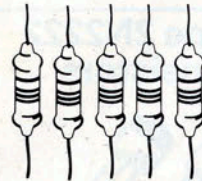


Pack of 2 12p

271-001 to 271-069  
10 ohms to 2.2 Meg.

12p

## 1/4 Watt Resistors



57 values

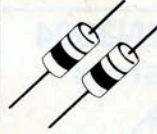
Pack of 5  
12p

- Low Noise!
- 5% Tolerance!

271-1301 to 271-1365  
10 ohms to 10 Meg

12p

## 1 + 2 Watt Resistors

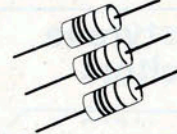


PACK OF 2 40p

- For transistor circuits
- Wirewound!

Cat. No.	Ohms	Watts	Price
277-072	0.56	1	2 for 30p
271-073	1.0	1	2 for 40p
271-075	3.3	1	2 for 40p
271-080	100	2	2 for 49p

## 1/2 Watt Resistors



Pack of 100  
£1.99

Large selection gives you most of the popular values. Ideal assortment for any electronic test bench. Contains 6 each: 100, 1k, 4.7k, 10k, 100k; 5 each: 15, 330, 470, 680, 15k, 220k, 470k, 1 Meg; 4 each: 180, 390, 22k, 56k, 120k, 330k; 3 each: 22, 270k, 271-306 £1.99p

## Resistor Guide



- Very useful!

49p

Rotary colour discs show ohms, tolerance of RETMA coded resistors. Small enough to slip into the pocket!  
271-1210 49p

## PRINTED CIRCUITS TYPE VOLUME CONTROLS



- 1/4 Watt!
- 280° Rotation!
- Upright Snap-In Type!

As Low As

45p

Cat. No.	Ohms	Price
271-226	500	45p
271-227	1 k	45p
271-217	5 k	59p
271-218	10 k	59p
271-219	50 k	59p
271-220	100 k	59p
271-221	500 k	59p
271-229	1 Meg	45p

## Power Resistors



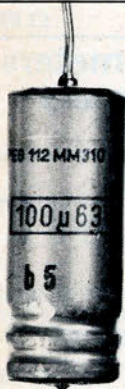
AS LOW AS 39p

- Rectangular Ceramic Body!
- 10% Tolerance!

Cat. No.	Ohms	Watts	Price
271-128	0.1	5	39p
271-129	0.33	5	39p
271-130	0.47	5	39p
271-131	1	10	59p
271-132	10	10	59p
271-133	50	10	59p
271-135	100	10	59p

# ARCHER CAPACITORS — POPULAR VALUES! LOW PRICES!

## Axial Capacitors

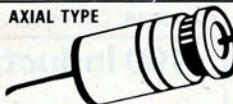


As Low As 89p

Chemical capacitors designed for the building of power supplies and power amplifiers. Axial leads for easy wiring. Rated at 63 WVDC. Peak voltage, 73V.

Cat. No.	UF	WVDC	Price
272-9300	100	63	89p
272-9301	1000	63	£1.19
272-9302	2200	63	£1.59
272-9304	4700	63	£2.29

## AXIAL TYPE



## Miniature Electrolytic Capacitors

High quality at reasonable prices! Long life over a wide range of temperature conditions. Extremely low-current leakage. Aluminium can construction with special end seal material for positive tight fitting seal.

35 WVDC Axial		
Cat. No.	UF	Price
272-1012	4.7	2 for 39p
272-1013	10	2 for 39p
272-1014	22	2 for 49p
272-1015	47	2 for 49p
272-1016	100	2 for 59p
272-1017	220	2 for 79p
272-1018	470	1 for 69p
272-1019	1000	1 for 79p
272-1020	2200	1 for £1.19p
272-1021	3300	1 for £1.49p
272-1022	5000	1 for £1.49p

AS LOW AS 39p

35 WVDC PC Type		
Cat. No.	UF	Price
272-1024	4.7	2 for 59p
272-1025	10	2 for 59p
272-1026	22	2 for 59p
272-1027	47	2 for 59p
272-1028	100	2 for 69p
272-1029	220	2 for 69p
272-1030	470	1 for 59p
272-1032	1000	1 for 79p

## Printed Circuit Capacitors



As Low As 39p

Very small, high quality, non-inductively wound. High dielectric strength and rugged construction. Perfect for transistor circuits.

Cat. No.	UF	Price
272-1065	0.01	2 for 39p
272-1066	0.022	2 for 49p
272-1068	0.047	2 for 49p
272-1069	0.1	2 for 49p
272-1070	0.22	2 for 69p
272-1071	0.47	2 for 49p

## Tubular Capacitors



As Low As 49p

Built to endure high humidity and temperature leakageproof non-flammable case. 250 WVDC.

Cat. No.	UF	Price
272-1051	0.01	2 for 59p
272-1056	0.022	2 for 49p
272-1052	0.047	2 for 59p
272-1053	0.1	2 for 69p
272-1058	0.22	2 for 79p
272-1054	0.47	1 for 59p
272-1055	1.0	1 for 79p

## Ceramic Disc Capacitors



High efficiency, ultracompact ceramic, disc capacitors with moistureproof coating.

Cat. No.	UF	Price
272-120	4.7	3 for 39p
272-121	47	3 for 39p
272-123	100	3 for 39p
272-124	220	3 for 39p
272-125	470	3 for 39p
272-126	1000	3 for 39p
272-130	5000	3 for 39p
272-131	10000	3 for 39p
272-134	50000	2 for 39p
272-135	100000	2 for 45p

# ARCHER BUDGET-BUY PARTS PACKS

- Hundreds of uses for Electronic hobbies and experiments.
- The low-cost way to build up a large parts stock.
- Quantities and types may vary slightly to descriptions.
- These products are NOT suitable for industrial applications.
- Archer Pack parts can not be 100% guaranteed.
- Archer Pack parts may be supplied without connection diagram.

**FROM  
99p**

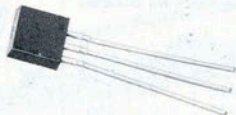
## 10 Opto-Isolators



Ideal for logic circuits, AC/DC controls, solid-state relays. Up to 1500 BRMS isolation. Max. output current 100 mA.  
276-1628

£1.59

## 3 Hall Effect Sensors

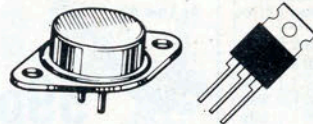


Solid-state devices detect magnetic field electronically. Operates from 5-16 volts supply. 750 gauss "on" threshold. Similar to type 3006 ULN.

276-1646

£1.59

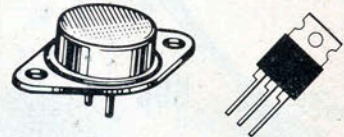
## 10 Assorted Voltage Regulators



May include adjustable or fixed (5-24 V) types from LM-309K, 723, 340, 7800's and types UA78MG, UA79MG. Style may vary.  
276-1608

£1.59

## 6 Type 2N3055 NPN Power Transistors



Maximum Ratings, 80-115 watts, IC voltage, 6-15A V<sub>ceo</sub>, 60 Hfe, 20-80 at 4 A. Style may vary. May contain TO-3 or TO-220 cases.  
276-1634

£1.59

## 25 Polystyrene Capacitors



Block-type capacitors with radial leads.  
272-803

£1.59

## 15 Type 2N3904 Transistors



Excellent for switching and amplifier applications. Diss: 300 mW, V<sub>ceo</sub> - 40 V Hfe 50 NPN type TO-92 cases.

276-1603

£1.59

## 15 Type 2N2222 Transistors

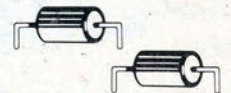


General purpose amplifier, high speed, medium power switching. Dissipation 600 mW, IC : 800 mA, Hfe : 50.

276-1617

£1.59

## 100 Pre-Formed Low Wattage Resistors

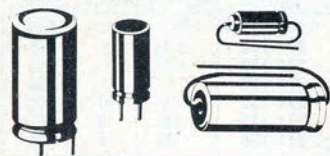


Huge assortment of 1/2 and 1/4 carbon resistors in most popular values, 5% and 10% tolerances. Ideal for printed and sub-miniature circuits. Colour-coded.

271-1604

£1.59

## Electronic Capacitors

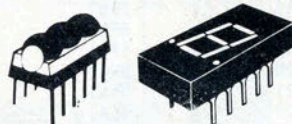


Assorted package of 20. May include miniature sub-miniature styles with values from 0.1 uF to 47 uF rated up to 50 V DC.

272-802

£1.59

## 10 LED Readouts Displays

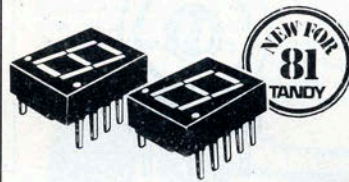


Hobbyist/experimenter assortment may include MAN-1, MAN-3, DL-747, DL-33 and others.

276-1627

£1.59

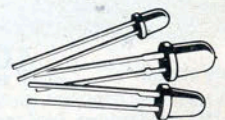
## Pair of LED Digits



7-segment 0.5" red displays forward voltage : 1.75, forward current : 20 mA segment.

276-1647 Common Cathode Pair £1.59  
276-1648 Common Anode Pair £1.59

## 20 Assorted LED's

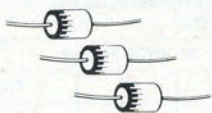


May include types MV-5054, MV-50, RL-209, others in colours, red, green, amber, includes both axial and radial lead types. May also include battery status indicators.

276-1622

£1.59

## 25 Assorted Zener Diodes

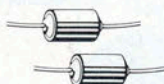


Large selection of diodes with voltages from 2.8 to 120 V, 250 mW to 5 watts. May even include double anode types.

276-1629

£1.59

## 50 Hi-Speed Switching Diodes

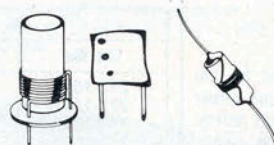


Type IN914. Switching time only 4 ns. PRV : 90 V, IF : 10 mA, VF : 1.0. Silicon type with long axial leads.

276-1620

£1.59

## 100 Inductances

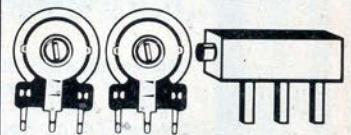


A complete assortment of high quality inductances. Ideal for printed circuit boards. Diverse values and sizes.

273-1570

£1.59

## 12 Potentiometers and Trimmers

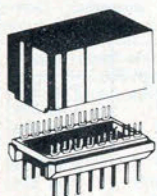


Assorted values and styles including multiturn devices. Nylon case. May include wire-wound types and some with gold-plated pins.

271-1605

£1.59

## Mounting Socket for Wire Wrapping



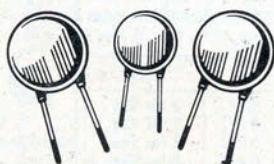
**99p**

Use with the wire wrapping tool to mount resistors, condensers, LFD displays on perf. boards. 16 pins. Standard size.

276-1980

99p

## 100 Disc Capacitors

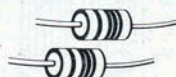


Mylar and ceramic types. Values from 2 pF to 0.1 pF. Diverse working voltages.

272-801

£1.59

## 100 1/4 Watt Resistors

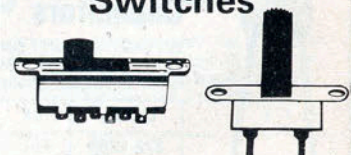


5% tolerances. Contains 10 each : 10Ω, 1k, 10k, 100k, 8 each : 47Ω, 100Ω, 470Ω, 2.2k, 4.7k, 1 Meg and 4 each : 150Ω, 220Ω, 15k.

271-308

£1.59

## 12 Assorted Switches



Varied selection may include pushbutton, slide, toggle and rocker switches, rated up to 3 A at 120 VAC. SPST, DPDT, momentary and other types. Lug and screw terminals.

275-1601

£1.59

# TANDY HAS EVERYTHING YOU NEED IN WIRE AND CABLE

## 22.5 m MINI-SPEAKER CABLE



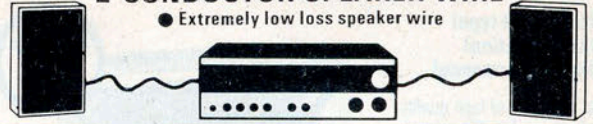
**£2<sup>59</sup>**

● Wire your whole house for stereo!

Specially made speaker wire, highly conductive, yet unobtrusive and easy to install. 2-conductor No. 25 swg 0.21 mm<sup>2</sup> with transparent plastic installation. **278-1509 £2.59**

## 2-CONDUCTOR SPEAKER WIRE

● Extremely low loss speaker wire



Cat. No.	Description	SWG	mm <sup>2</sup>	Length (m)	Price
278-1387	2 conductor, plastic	21	0.52	30	£4.95
278-9012	2-conductor, polarized	22	0.40	15	£1.69
278-9013	2-conductor, polarized	20	0.75	15	£1.99

## ZIP CORD SPECIALS

Top quality wire that has many uses for the builder as extension cords, speaker wire, etc.



Cat. No.	Description	SWG	mm <sup>2</sup>	Length (m)	Price
278-1301	Miniature, plastic	25	0.21	15	£1.89
278-9020	2-conductor, PVC	20	0.75	10	£1.69
278-9021	3-conductor, PVC	20	0.75	5	£1.39

## HOOK-UP WIRE PACKS

For hobbyists and builders. Insulated electrolytic copper conductors in six assorted colours. 25 SWG, 0.20 mm<sup>2</sup>, 20 m length.



Cat. No.	Description	Price
278-9025	Stranded, black	99p
278-9026	Stranded, red	99p
278-9027	Stranded, blue	99p
278-9028	Stranded, green	99p
278-9029	Stranded, yellow	99p
278-9030	Stranded, white	99p

## RAINBOW WIRE PACKS

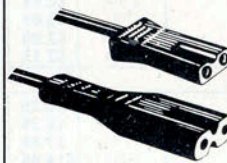
A flexible parallel cable in a choice of lengths ideal for intercoms, model trains and toys. Colour coded for easy identification. PVC insulation resists temperature changes and ensures low resistance.



Cat. No.	Description	SWG	Length (m)	Price
278-9015	2-conductor	25	12	£1.65
278-9016	3-conductor	25	10	£1.65
278-9017	5-conductor	25	6	£1.65
278-9018	8-conductor	25	4	£1.65

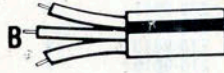
## POWER SUPPLY CORD AND PLUGS

1.80 m replacement cord with fixed female square or round plugs. Fit most portable cassette recorders, radios, etc.



**270-9003** Square female **£1.19**  
**278-9004** Round female **£1.19**

## INTERCOM WIRE



Cat. No.	Description	SWG	mm <sup>2</sup>	Length (m)	Price
278-559	2-conductor	25	0.21	30	£3.25
278-855	3-conductor	25	0.21	9	£1.99

## COAXIAL CABLE

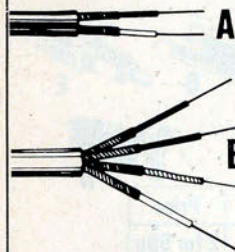


**59p**

Extra low loss, ideal for amateur radio or CB use. RG58/U.52 Ohm.

**278-1326 59p**

## 2 AND 4 CONDUCTOR WIRE FOR DIN CONNECTORS



**A 2-CONDUCTOR (Mono).** 2 individually shielded conductors PVC figure 8 covered. Stranded copper, polythene insulated, copper shield. 2.5 x 5.4 mm. **278-9007**

1-9 metres	10-49 metres	50 metres
25p per m	24p per m	23p per m

**B 4-CONDUCTOR (Stereo for 5-pin connectors).** 4 individually shielded and colour coded PVC circular insulator. Stranded copper, polythene insulated, copper shield. 5 mm. **278-9008**

1-9 metres	10-49 metres	50 metres
35p per m	34p per m	33p per m

## MICROPHONE CABLE



Low loss, shielded cable for extensions, patch cords and interconnections. Vinyl covered.

Cat. No.	Description	mm <sup>2</sup>	Length (m)	Price
278-9010	1-conductor with shield	0.50	10	£2.75
278-9011	2-conductor with shield	0.20	10	£3.49

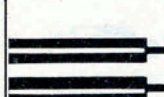
## 7.5 m MICROPHONE EXTENSION CABLE KIT



**£4<sup>29</sup>**

Single conductor shielded cable with connector at each end. Complete with adaptor plugs for converting microphone connector to a 6.3 mm phone plug or inline jack. **42-2379 £4.29**

## TEST PROBE WIRE

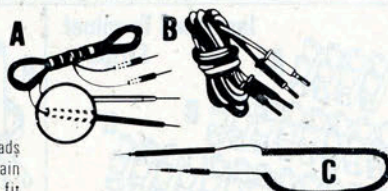


**£1<sup>65</sup>**

Use for replacements or extensions. Plastic insulation. Available in 7.6 m lengths.

**278-553** Red, 21 SWG, 0.52 mm<sup>2</sup> **£1.65**  
**278-554** Black, 21 SWG, 0.52 mm<sup>2</sup> **£1.65**

## ASSORTED TEST LEADS



**A. 1.5 m "FLEXI" TEST LEADS.** Leads feature "Flexi Probes" with moulded strain relief to eliminate wire breakage. Tip plugs fit most multi-testers. **278-740 £1.25**

**B. 1.30 m TEST LEADS WITH BANANA PLUG.** Insulated and shockproof, they have moulded plastic handles and solderless nickel-plated brass tips. **278-746 £1.75**

**C. COILED CORD TEST LEADS:** Fit any multimeter, colour-coded with solderless 12.7 cm test prods one end, banana plugs other. 1.8 m cord extension adaptor phone tips included. **278-750\* £2.79**

## TEST LEAD JUMP CABLES



**A.** 35 cm colour-coded leads with miniature insulated alligator clips on each end. **278-1156 Set of 10 £1.69**

**B. TESTER KIT.** Completely insulated. Connecting screw for easy hookup. Red and black. **278-1160 2 for £2.19**

# GREAT ASSORTMENT OF FUSES AND TRANSFORMERS FROM TANDY

## TANDY'S TRANSFORMER LINE

- Double coil type!
- 4kV Insulation!
- High performance!

Great selection of high quality transformers for the experimenters as well as for the technicians! Primaries designed to operate from 220/240V AC at 50/60 Hz.



Cat. No.	Output voltage	Amperage	Price
----------	----------------	----------	-------

### Transformers for low voltage power supplies

273-9203	6.3 V	1.2 A	£2.59
273-9204	12 V (6.0-6)	1.2 A	£3.29
273-9205	24 V CT (12.0-12 V)	1.2 A	£5.59
273-9206	6.3V	0.3 A	£1.99
273-9207	12 V	0.3 A	£2.09
273-9208	24 V CT (12.0-12 V)	0.3 A	£2.49
273-9210	12.6 V (6.3-0.6-3 V)	3 A	£4.49
273-9533	9 V	0.3 A	£2.09
273-9534	9 V	1 A	£2.69
273-9535	15 V	0.3 A	£2.59
273-9536	15 V	1 A	£3.69
273-9539	6.3-0-6.3 V	0.25 A	£2.09
273-9540	6.3-0-6.3 V	0.5 A	£2.19

### Transformers for power supplies and power amplifiers

273-9211	25.2 V (12.6-0-12.6 V)	2 A	£6.25
273-9213	18 V CT (9.0-9 V)	3 A	£6.25
273-9215	36 V CT (18.0-18 V)	2 A	£7.89
273-9221	35-30-0-30-35 V	3.6 A	£16.95

### For a double stab. power supply

273-9216	15.0-15 V	0.5 A	£3.49
273-9222	25.0-25 V	1 A	£6.95
273-9555	42 V	3 A	£9.99

### Universal transformer with numerous applications for the hobbyist laboratory

273-9217	0-6-9-12-18-24 V	1 A	£3.75
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### For a stab. power supply 5 V 2 A

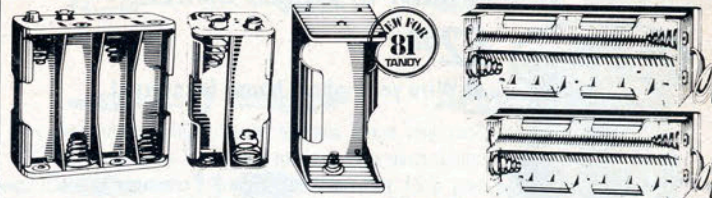
273-9218	8V	2 A	£3.25
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### For Clock Modules

273-9520	5.0-5-12 V	0.25 A	£2.29
273-9521	3.0-3-10 V	0.3 A	£2.29

## Plastic Battery Holders

Great for replacement use in radios, tape players — any battery powered portable.

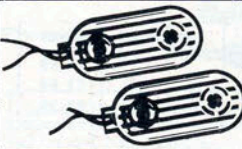


Cat. No.	Holds	Price	Cat. No.	Holds	Price
270-382	2 AA batteries	49p	270-390	4 'C' batteries	79p
270-385	2 'C' batteries	49p	270-386	2 'D' batteries	59p
270-383	4 AA batteries	49p	270-389	4 'D' batteries	99p
270-388	4 AA batteries	49p	270-401	1 'A' battery	29p
270-384	6 AA batteries	49p	270-402	1 'C' battery	34p
270-387	8 AA batteries	64p	270-403	1 'D' battery	49p

## 9-Volt Battery Clips

- Durable plastic!
- Fits type PP-3!

12.7 mm spacing. Fits transistor radio and battery holder connectors. Designed to give long life and increased resistance to battery acid and other physical extremes. 270-325 5 for 79p



## Tandy for almost any Fuse you'll ever need

20 x 5 mm dia. Slow Blow Fuse			Fast Blow Fuse		
Cat. No.	Rating	Price	Cat. No.	Rating	Price
270-9021	1 A	3 for 79p	270-9002	25 A	3 for 49p
270-9022	2.5 A	3 for 69p	270-9003	5 A	3 for 49p
270-9023	5 A	3 for 69p	270-9005	1 A	3 for 49p
270-9025	1 A	3 for 69p	270-9006	1.6 A	3 for 49p
270-9026	1.6 A	3 for 69p	270-9007	2 A	3 for 49p
270-9027	2 A	3 for 69p	270-9008	4 A	3 for 49p
270-9028	4 A	3 for 69p	270-9019	6.3 A	3 for 69p
270-9029	6.3 A	3 for 69p			

30 x 6 mm dia. Slow Blow Fuse			Fast Blow Fuse		
Cat. No.	Rating	Price	Cat. No.	Rating	Price
270-9011	1 A	3 for 79p	270-1271	5 A	3 for 59p
270-9012	2.5 A	3 for 69p	270-1273	1 A	3 for 59p
270-9013	5 A	3 for 69p	270-1274	1.5 A	3 for 59p
270-9015	1 A	3 for 69p	270-1275	2 A	3 for 59p
270-9016	1.6 A	3 for 69p	270-1260	2.5 A	3 for 59p
270-9017	2 A	3 for 69p	270-1276	3 A	3 for 59p
270-9018	4 A	3 for 69p	270-1277	4 A	3 for 59p
270-9019	5.3 A	3 for 69p	270-1278	5 A	3 for 59p

• Efficient protection for your electronic circuits

## Audio Frequency Transformers

Cat. No.	Type	Impedance		Price
		Primary	Secondary	
273-1376	Input	200k	1k	89p
273-1380	Output	1kCT	8	69p
273-1378	Driver	10k	2k	69p
273-1381	Output	500CT	3.2/8	69p

## Axial Lead RF Chokes

Cat. No.	mH	Amps	Price
273-101	0.01	1.50	69p
273-102	0.10	2.00	79p

## ASSORTED FERRITES

273-1571	Pkg. of 25	£1.59
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## Incandescent Lamps



\*\*\*Hi-Intensity\* \*Pre-Focus Penlight Type

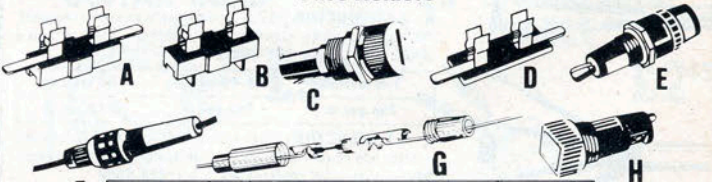
Cat. No.	Fig.	Volts	mA	Type	Base Style	Type Base	Price
272-1139	A	1.5	25		Leads		1 for 49p
272-1124	C	2.25	250	222*	Special		2 for 49p
272-1122	D	2.33	270	PR-4	Flange		2 for 49p
272-1120	D	2.38	500	PR-2	Flange		2 for 49p
272-1132	B	2.47	300	14	Threaded	E10	2 for 49p
272-1121	D	3.57	500	PR-3	Flange		2 for 49p
272-1123	D	5.95	500	PR-12	Flange		2 for 49p
272-1140	A	6.0	25		Leads		1 for 49p
272-1142	B	6.0	100	T-1 1/4	Threaded	E5.5	2 for 49p
272-1128	B	6.3	150	40	Threaded	E10	2 for 49p
272-1130	B	6.3	250	46	Threaded	E10	2 for 49p
272-1133	B	7.5	220	50	Threaded	E10	2 for 49p
272-1141	A	12.0	25		Leads		1 for 49p
272-1143	B	12.0	75	T-1 1/4	Threaded	E5.5	2 for 49p
272-1134	B	14.0	200	1487	Threaded	E10	2 for 49p
272-1135	B	28.0	170	1821	Threaded	E10	2 for 49p

## NEON GLOW PANEL LAMPS

Cat. No.	Type	mA	Watts	Series Res	Price
272-1101	NE-2	0.30	1/75	68k	2 for 49p
272-1102	NE-2H*	1.50	1/4	560k	2 for 49p

\*High brightness

## Fuse Holders

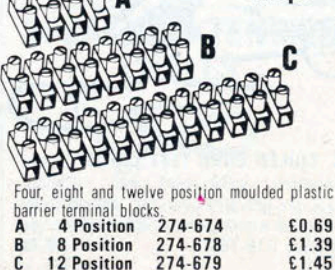


Cat. No.	Fig.	20 x 5 mm Fuse Holders	Price
270-739	D	Clip-in Fuse Holder, Single	2 for 59p
270-364	E	Panel Mount Fuse Holder	each 69p
270-1281	F	In-Line Fuse Holder with Leads	each 59p
270-366	G	'Quick-Connect' In-Line Fuse Holder	each 49p
270-365	H	Panel Mount Fuse Holder Colours: Black, Red, Blue	each 54p

30 x 6 mm Fuse Holders			
Cat. No.	Fig.	Price	
270-9030	A	Clip-in Fuse Holder	2 for 79p
270-9050	B	IC Mount Fuse Holder	2 for 69p
270-9031	C	Panel Mount Fuse Holder	each 99p

## Insulated Terminal Strips



Four, eight and twelve position moulded plastic barrier terminal blocks.

A	4 Position	274-674	£0.69
B	8 Position	274-678	£1.39
C	12 Position	274-679	£1.45



**A Wires Ties.** All nylon with self-locking heads. Serrated, unbreakable, natural colour. 30 ties 100 mm long — an unbeatable buy! 278-1632 £1.49

**B Heat-Shrinkable Tubing.** Set of 14 pieces in 10 cm lengths, sizes 3 mm to 12.7 mm. Fits over wire and shrinks to half its original diameter, when heat is applied to give smooth, tight-fitting cover. 278-1627 £1.39

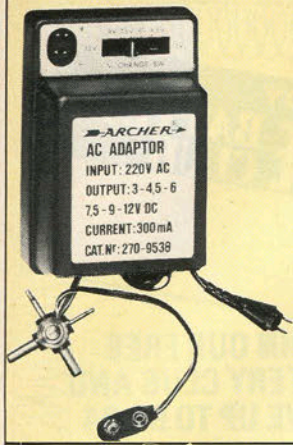
# DON'T GO TO PIECES LOOKING FOR BITS — SEE TANDY

## Universal AC Adaptor

**£4.95**

- Operates most portables from AC — saves batteries.
- Polarity reversal.

Powers battery operated transistor radios, cassette recorders, calculators — from any 220/240 V AC supply. 3-range voltage selector switch. Output: 3, 4.5, 6 volts at 300 mA — 2m cord with connection with miniature, subminiature, and power jacks (2.3 and 3.1mm).  
**270-9538\* £4.95**

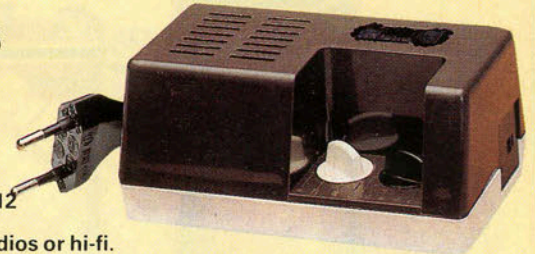


## Stabilized Power Supply

**£18.95**

- Six output Voltages 3-12 Volt.
- Use with radios or hi-fi.

A regulated DC power supply for items requiring a constant voltage. Can be used with transistor radios, cassette players, etc. plus Ultrasonic Burglar Alarm (Cat. 49-9461). Input voltages: 0-125 — 160-220 VAC. Output voltages: 3-4.5 — 6-7.5 — 9-12v DC at 1500 mA. With DIN output socket. (Requires DIN plug Cat. 274-9022 or 274-9023).  
**270-9535\* £18.95**



## Multipurpose Amplifier with Built-in Speaker

- High-gain IC Amp, 200-mW Output

Compact amplifier/speaker for use with telephone pick-up, microphone or even electric guitar. Use it as an intercom, the audio stage of a receiver project or add a probe and it becomes a pocket-sized signal tracer. Has volume control with on/off switch, 1/8" phone jacks for instant input and external speaker or earphone. 100-10,000 Hz response, 1mV input sensitivity, 2 1/2 x 3 1/2 x 1 3/4". Requires 9V battery.  
**277-1008\* £6.99**



## Foreign AC Travel Adapters

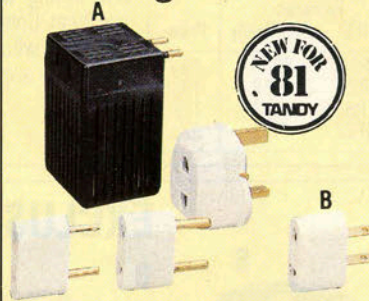
Low As **£5.99**

- Pocket Size! Convert 220/240VAC to 110/120VAC.

1000-Watt Converter — for Non-Motorized Appliances. Use your 120 VAC appliances on 220/240 volts. With carrying pouch.  
**273-1402\* £8.49**

1600-Watt Converter — for High-Power Heating Appliances. Converts 220/240VAC to 110/120VAC. Overload protection circuit. Includes vinyl carrying pouch.  
**273-1404\* £10.99**

Plug Adapters (Set of 4). Connect your foreign voltage converter to almost any wall outlet anywhere! Includes vinyl pouch. MUST BE USED WITH VOLTAGE CONVERTER.  
**273-1405\* £5.99**



## Universal Heat Sink

**£1.89**

Accommodates 9 different case styles and you can mount two transistors at a time. The edges have 6 handy "notches" for fastening. 400cm<sup>2</sup> of surface area. Anodized aluminium.  
**276-1361\* £1.89**

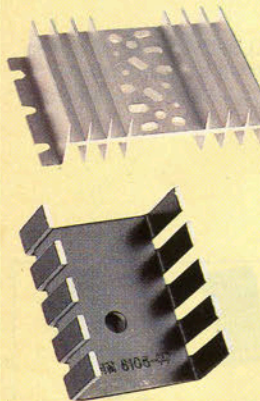
## Heat Sinks

As Low as **69p**

Anodized Aluminium!

TO-220 Head Sink. Ideal for PC board mounted power semi-conductors in TO-220 cases.  
**276-1363\* 69p**

TO-3 Heat Sink. For power devices in TO-3 cases.  
**276-1364\* £1.29**

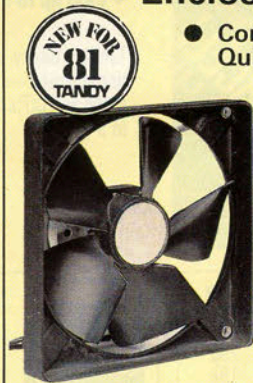


## Enclosed 4" AC Fan

- Compact, Efficient, Quiet.

**£11.95**

Equipment that runs cooler lasts longer! Delivers up to 70 CFM and is ideal for cooling power supplies, amateur radio equipment, computers. Diecast venturi. Sealed bearings never need lubrication. For 220/240 VAC 50 Hz 4.63 x 4.63 x 2.47" overall.  
**273-241\* £11.95**



## IC Inserter/Extractor Set

- Insertion Tool includes Pin Straightener Built into Handle.

**£3.49**

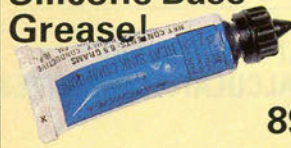
Handy insertion and extraction tools are ideal for hobbyists and engineers. Built-in pin straightener. Automatically ejects straightened IC ready for installation in board or socket. Extractor handles all LSI, MSI and DIP devices of 8 to 24 pins.  
**276-1574\* £3.49**



## Silicone Base Grease!

**89p**

Ideal for use for proper heat transfer from power semi-conductors to chassis or heat sink.  
**276-1372\* 89p**



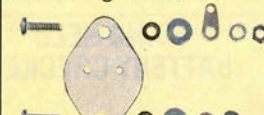
## Power Transistor Mounting Hardware

**64p**

Power transistor mounting hardware includes mounting screws, insulated washers and nylon bushings. For transistor with TO-220 cases.  
**276-1373\* 64p**



## Power Transistor Mounting Hardware



● Top Quality Buy for Experimenters!  
Mounting hardware for the insulation of transistors with TO-3 cases.  
**276-1371\* 35p**

## Condenser Mike Element



Wide response for tape recorders, PA or replacement use. 50-8000 Hz response. Sensitivity 65 dB 11 x 9.8mm.  
**270-092\* £1.29**

**270-091\* NEW £1.49**

## Xenon Flash Tube

**£1.99**

- Ideal for Strobe Light or Photo Flash.

Most popular type used in electronic strobes. Anode voltage: 300V (max). 220V (min). Trigger voltage: 4kv (min). Approx. life of 8,000 flashes. Use trigger coil 272-1146.  
**272-1145\* £1.99**



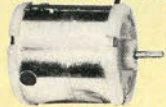
## 4 kV Trigger Coil

**69p**

● Ideal for Electronic Xenon Flash Tubes!  
Primary discharge voltage — 300V; secondary voltage 4,000V. With specifications and diagram. Use with 272-1145 Xenon flash tube.  
**272-1146\* 69p**



## Hobby Motors



- Perfect for Models!

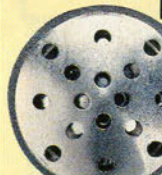
Leads for easy hookup. Get creative!  
A 1.5VDC 273-218\* Pkg of 3 £1.19  
B 1.6VDC 273-206\* Pkg of 2 99p



## Crystal Mike Replacement Cartridge

**85p**

General Purpose. 50-8000 Hz. Response sensitivity 55 dB. 36 x 6mm.  
**270-095\* 85p**



## Buzzers

Connect to most alarm systems. Emit loud warning. Battery operated.

273-004\*, 1.5V 99p  
273-049\*, 6V DC £1.29  
273-051\*, 12V DC £1.29  
273-052\*, 9V DC NEW 89p



## Solid State Piezo Buzzer

**£1.89**

For 1.5 to 20V DC operation. Requires only 12 mA at 9V DC yet has a 4.8 KHz signal. No contact to wear out. 35 x 10mm.  
**273-060\* £1.89**  
**273-064\* NEW 89p**



## 12V Electronic DC Buzzer

**£1.99**



For 6 or 12V alarm systems. Economically designed for reduced electrical consumption. 20mm u. Installed in seconds, complete with mounting hardware.  
**273-9101\* £1.99**

## Circuit Board Terminals

Solderless spring terminals for breadboarding. Quick and easy connection. Use again and again.  
**270-1547\* 20 for £1.25**  
Spade Lugs with Jacks, 5 red, 5 black. Sturdy, open ended, insulated 22.2mm long.  
**270-1541\* 10 for 79p**



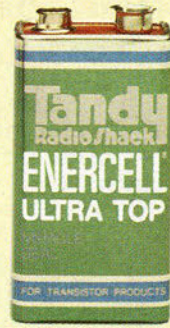
# BATTERIES FROM TANDY—YOUR RELIABLE POWER SOURCE



## GENERAL PURPOSE ENERCELLS

- Cost Less Than Most Other Brands
- Protected Against Leakage
- Rigid Steel Shell, Polyethylene Inner Liner

Our most popular batteries! We sell millions every year, so you can be sure they're fresh and strong when you buy them. Compare and you'll see what a value they really are.



## 9V ENERCELL

'Ultra Top' cell A 50% longer life 9V battery with super leak-proof case. **23-7004 49p**

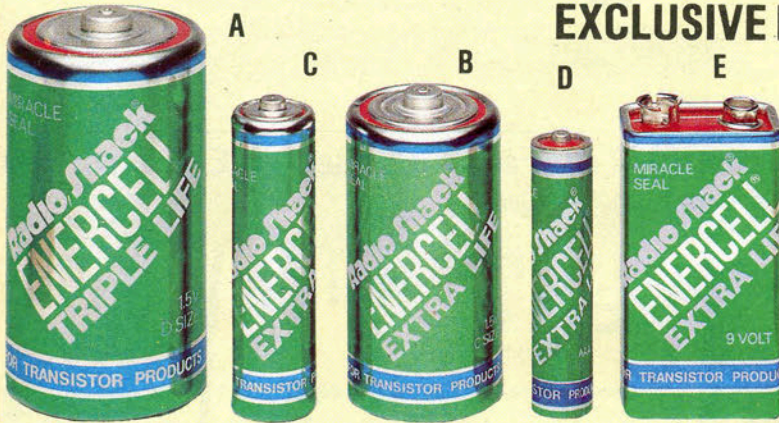
### TANDY FREE BATTERY CLUB

**JOIN OUR FREE BATTERY CLUB AND SAVE UP TO £3.84**

Join up now and receive your choice of one General Purpose Enercell in 1.5V 'D', 'C', 'AA' or 9V sizes each month. FREE! (That's worth up to £3.84. Pick up your Club Card at your nearest Tandy Store! No obligation, nothing to buy! It's just a way of saying thanks for shopping at Tandy.

Cat.No.	Type 'New Formula'	Replaces IEC	Replaces Ever-Ready	Price
23-467	A	1.5 V 'C'	R14 SP-11	18p
23-466	B	1.5 V 'D'	R20 SP-2	18p
23-468	C	1.5 V 'AA'	R6 HP-7	12p
23-464	D	9 V	6F22 PP-3	32p

## EXCLUSIVE EXTRA LIFE ENERCELL BATTERIES



- Miracle Seal jacket for Leak Protection
- Last up to 3 times Longer

Tandy's heavy duty EXTRA-LIFE ENERCELL batteries make all conventional batteries obsolete! Specially processed electrolyte provides as much as 200% more service life than ordinary batteries and a shelf life up to 3 years!

Fig.	Cat.No.	Type	Ever-Ready	IEC	Price
A	23-580	'D'	HP-2	R-20	39p
B	23-581	'C'	HP-11	R14	29p
C	23-582	'AA'	HP-7	R-6	19p
D	23-584	'AAA'	HP-16	R-03	18p
E	23-583	9Vrect	PP-3	6F22	69p

Transistor radios  
3.2 times longer

Intercoms  
3.2 times longer

Tape recorders  
3.3 times longer

Electric shavers  
2.8 times longer

## MICRONTA BATTERY TESTER



**£7<sup>49</sup>** • Tests most Batteries!  
• Colour-Coded Scales!

Accurately measures voltage under load conditions of any flashlight or transistor radio battery. Five ranges: 1.5/6/9/15/22 volts. Two colour-coded scales. Single knob selector. Negative earth stud for quick checking. **Size:** 130 x 41 x 89 mm. **22-030 £7.49**

## HAND HELD BATTERY CHECKER



**£3<sup>99</sup>**

- Checks Condition of Transistor Radio Batteries!

Easy to use! See condition on the colour-coded scale. If red replace the battery, if green it's o.k. for 'C', 'D', 'AA' and 9V batteries; zinc-carbon, alkaline, mercury and nickel-cadmium. **Size:** 105 x 60 x 35 mm. **22-100 £3.99**

## TANDY WATCH BATTERY CENTRE SILVER OXIDE WATCH/CALCULATOR BATTERIES



Designed for Extra Protection Against Leakage, Silver-oxide keeps equipment operating a long, long time.

Cat. No.	Type	Replaces	Each
23-009	RS 76	B76S, S76E, MAS76, MS76RA, RS76G, 8104, ZS76	99p
23-101	RS 389	EV389, 10L122, RW49, 389, SB-BU, WL10, SR1130, G10, 7, 544, 189, 289, GP89, D389	£1.89
23-102	RS 392	EV392, Type K, 10L125, RW27, RW47, 247B, WL1, G3, 2, 547, 8009, GP92, 392, D392	£1.29
23-103	RS 393	Type F, 10L123, RW28, RW48, 255, WL6, G5, 15, 546, 8010, GP393, 393, D393	£1.89
23-104	RS 303	EV303, Type A, WS14, SBA9, GS14, 9, 521, EPX77, 8002, 303, D303	£2.45
23-105	RS 357	Type J, 10L14, RW22, RW42, 228, L14, G13, 7, 541, 8006, A76, D76, EPX76, F76, S76, GP57, 357, D357	£2.45
23-106	RS 386	EV386, Type H, 10L124, 10R124, RW24, RW44, 260, WL11, G12, 6, 548, S41, S42, 186, 286, 8007, 386, D386	£2.69
23-107	RS 399	391, 10L130, 317, SR1120W, SB-BS, WL5, G8, 31, 291, 8018, 1160SD, D391	£1.69



# ENERCELL® EXTRA LIFE AND RECHARGEABLE BATTERIES.

## Enercell® Alkalines Last Up To 10 Times Longer.

- Keep Working Even at Low Temperatures.
- Long Shelf Life.

Our exclusive **ENERCELL®** alkaline batteries cost less per hour – that's why they're your best buy! Each is constructed to keep your battery operated equipment working longer. You get top performance even at low temperatures and with high current drain. Steel clad and insulated for extra dependability, and they retain full power through long periods of storage at normal temperatures.

Fig.	Cat. No.	Type	Replaces Ever-Ready/Mallory	Price
A	23-551	"C"	MN1400	2 for £1.19
B	23-553	9V rect.	MN1604	each £1.39
C	23-552	"AA"	MN1500	4 for £1.89
D	23-550	"D"	MN1300	2 for £1.69

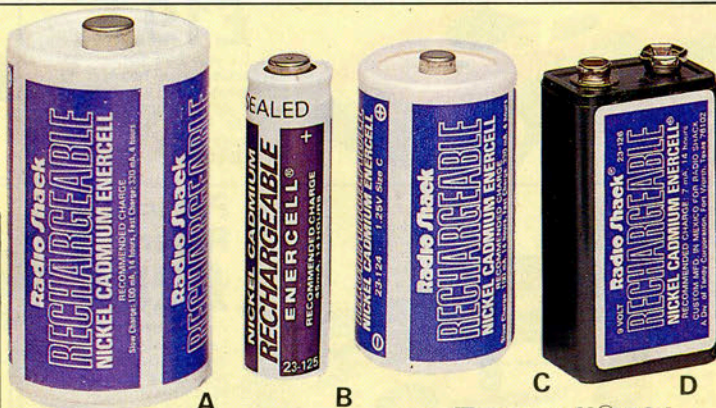


## Enercell® 9V Rechargeable Battery.

- Recharges up to 1000 times. **£5.99**

The most efficient source of reusable power available. Costs less to use per hour than ordinary batteries. Will replace 200 alkaline batteries in cassette recorders, 150 in calculators. Comes back to life even if left "on" in battery operated equipment all night. **23-126**

Fig.	Cat. No.	Type	IEC Size	Capacity in Milliam-pere hours	Price
A	23-123	"D"	R20	1,200	2 for £4.69
B	23-125	"C"	R6	500	2 for £3.29
C	23-124	"C"	R14	1,200	2 for £4.29
D	23-126	9V			£6.59

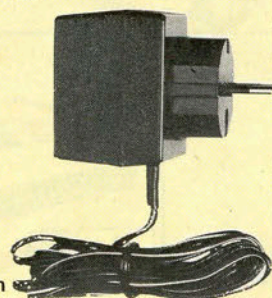


## Battery Recharger. **£12.95**

Replenishes 3 different sizes of nickel-cadmium batteries, "AA", "C" and "D". And what's more 2 or 4 batteries can be charged at the same time! Input power: 240 V, 50 Hz, 4 VA. Size: 58 x 73 x 192mm. **270-9530 £12.95**



- Keeps your nickel-cadmium batteries at full strength.



## Enercell® 9V Battery Charger **£3.99**

Designed to charge **ENERCELL®** 9V transistor batteries over and over again. Snap on battery clips and plug into 240V mains outlet. Keeps your Ni-Cad rechargeable batteries at full strength and ready to use. **23-9131 £3.99**

## Batteries for Radios and Specialist Applications.



### Alkaline Batteries.

Cat. No.	VOLTS	EQUIVALENT MALLORY	EVEREADY	IEC	PRICE
23-223	1.4 "AAA"	MN2400	MN2400	LR03	59p
23-013	1.5 "N"	MN9100	MN9100	LR01	59p

### Mercury Batteries

Cat. No.	VOLTS	EQUIVALENT MALLORY	EVEREADY	IEC	PRICE
23-225	1.5	PX825	PX825	LR53	69p
23-1521	1.4	RM675H	-	NR07	£1.19
23-660	1.4	RM401H	RM401H	NR1	59p
23-601	7.0	TR175	E175		£3.29
23-9002	1.4	MP675H	MP675H	NR67	49p
23-1535	1.4	ZM9C	ZM9C	MR6	£1.19

### Torch Batteries.

Cat. No.	VOLTS	EQUIVALENT MALLORY	EVEREADY	IEC	PRICE
23-9003	4.5	M1689R	1289	3R12	49p

## TANDY - FOR ALL THOSE HARD TO FIND BATTERIES

### Transistor Radio Batteries.

Cat. No.	VOLTS	EQUIVALENT MALLORY	EVEREADY	IEC	PRICE
23-9004	9	M-1603	PP-9	6F100	£1.19
23-9005	9	M-1605	PP-7	6F90	99p



23-9003



23-9005



23-9004

# RADIO CONTROLLED FUN — RIGHT IN YOUR HAND.



**Lancia Stratos Turbo**  
**£7.95**  
 Sonic Control Racing Car travels forward, backwards, in a circular path. Will change direction whenever it strikes an obstacle. Requires 4 "AA" batteries. 60-2377 £7.95



**Ferrari Racer**  
**£8.95**  
 High-speed forward and reverse/turn action at your finger-tips, indoors or out. Requires 2 "AA", 2 9V batteries. Car length, 19.5cm. 60-3015 £8.95



**"Elf" Formula Racer**  
**£9.95**  
 One-button transmitter puts you in the driver seat! Forward, reverse/turn. Requires 4 "AA", 2 9V batteries. Car length, 24.13cm. 60-3014 £9.95



**Lamborghini Racer**  
**£15.95**  
 You control the course! Authentic racer goes forward, reverse, turns left and right. Requires 2 "AA", 2 9V batteries. Car length, 24.13cm. 60-3026 £15.95



**2-Channel Lancia Stratos**  
**£19.95**  
 On your mark, Get set, Go! You're "behind-the-wheel" by remote control, with Auto-Stop if you lose control. Requires 4 "AA", 2 9V batteries. Car length, 24.13cm. 60-3027 £19.95



**Formula 1**  
**£21.95**  
 Forward, reverse, 360° turns, steer left or right on remote radio control from a hand-held unit. Requires 2 9V, 4 "AA" cells. 60-3013 £21.95



**Porsche 928 Racer**  
**£26.95**  
 Test your skill at the wheel. Full function control unit for stop, forwards and reverse. 1/12 scale replica. Requires 4 "C", 2 9V batteries. 60-3017 £26.95



**Radio Controlled Racing Team**  
 Authentic Lancia Stratos styling and "Steering Wheel" remote controls. 2 speed operation. Requires 2 9V, 2 "AA" batteries for each car/control unit. 60-3018 £29.95  
**£29.95**



**Bulldozer**  
**£29.95**



**Radio Controlled Cruiser**  
**£29.95**  
 Hours of enjoyment for young sailors. Features an out-of-range safety lock. Remote brakes stop cruiser anytime. Requires 9V, 6 "AA" batteries. 60-3022 £29.95



**High Power Sherman Tank**  
**£29.95**  
 Command your own battalion! Maneuvering in any direction over rough terrain and climb 45° inclines. Requires 3 "C", 2 9V batteries. Length 33.02cm. 60-3037 £29.95



**Radio Controlled Robot**  
**£14.95**  
 Over 3feet tall  
 Inflatable body fixes into tough moulded plastic feet. Control unit. Requires 4 "C", 2 9V batteries. 60-3023 £14.95

Put on your hard hat and start construction! Single control makes unit go forward, reverse, turn, lift and lower shovel. Requires 3 "C", 2 9V batteries. Length, 30.48cm. 60-3034 £29.95



**Radio Controlled Robot**  
**£14.95**

## DIGITAL PROPORTIONAL CONTROLLED VEHICLES



**Dune Buggy.**  
**£39.95**

It's proportional — responds directly to amount the speed and steering controls are moved. Forward, reverse; turns left, right, stops. Requires 6 "AA", 5 "C" batteries. 60-3038 £39.95



**Porsche 935 Turbo**  
**£49.95**

Completely assembled, accurate 1/12 scale replica. Proportional steering and variable speed control with forward and reverse. Battery power Indicator lights on car and transmitter. 60-9009 £49.95

- A Huge 40.64 cm Long By 20.32cm Wide.
- Speed and Steering Trim Controls.

- Full Independent Suspension.
- Authentically detailed 1/12 scale replica.

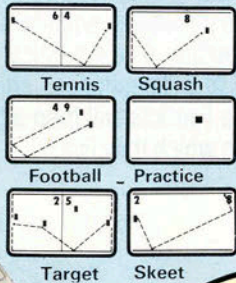
# FASCINATING ELECTRONIC "ACTION TOYS" FOR EVERYONE.

## Exciting TV Games For Indoor Family Enjoyment.

**£24.95**

Choose football, tennis, squash, single player practice, target or skeet. On-screen digital scoring, electronic sound effects, auto/manual serve, game reset button, variable ball speed, paddle size and bounce angle. Master control unit and remote player units including photoelectric pistol.

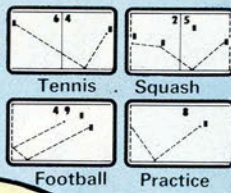
60-3061 £24.95



Play football, tennis, squash or practice with this TV Scoreboard from Tandy. Features master control and remote unit, on screen automatic scoring, sound effects, game reset button. Adjustable ball speed, paddle size, bounce angle.

60-3060 £14.95

- Units Require 6 "AA" Batteries or AC Adaptor
- Connects to any TV Set



**£14.95**

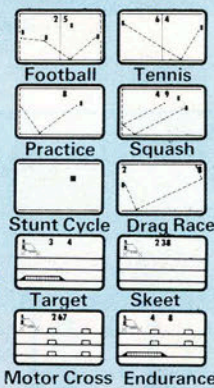


**AC Adaptor**  
**£4.95**  
270-9539\*

- 88 Game Variations with On Screen Scoring
- Lifelike Electronic Sound Effects

## Ten TV Games of Skill in Colour or Black and White

Choose from four stunt cycle games, football, tennis, squash, practice, target and skeet. On screen digital scoring. Auto/manual serve. Controls for ball angle, ball speed, bat size and cycle "hard/easy". Includes twin remote controllers which pack neatly in the case together with pistol, rifle and stunt cycle controller. The stunt cycle games include drag race, stunt cycle, motor cross and endurance. Race the clock, do "Wheelies", jump over trucks all with realistic acceleration and crash sound effects! Connects to any TV set. Requires six "C" cells.



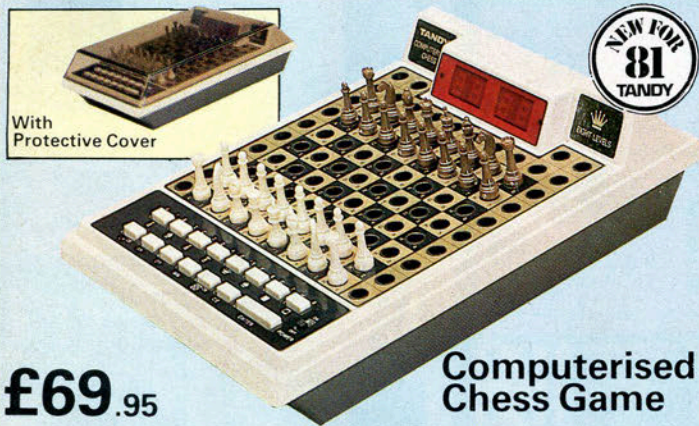
Motor Cross Endurance

60-9005 £44.95



**£44.95**

# COMPUTERISED GAMES — CHALLENGING, FUN AND FASCINATING!



**£69.95**

**Computerised Chess Game**

Hours of fun for beginners as well as aspiring masters! Play against the computer on any of 8 different skill levels. Features moulded case with built-in board and pieces. LED panel display and position verification. Requires 6 "AA" batteries. Size: 203mm x 140mm x 38mm.

60-2160 £69.95 Mains Adaptor £4.95

## Electronic Memory Match



**NEW FOR 81 TANDY**

**£12.95**

- A game of Concentration!

For 1 or 2 players. Uncover numbers by pressing touch-sensitive squares on "board" — match two from memory and score! Requires 4 "AA" batteries.

60-2122 £12.95

## Hand Held Games at Tandy



- A Rocket Pin Ball** Out of this world electronic pin ball game. 7 skill level games, 49 combinations. LED digital scoring, computer memory, 5 balls per player per game. £19.95
- B Tandy Playmaker 3 Games in 1** Play Football, basketball and hockey. 3 programme cards (one card for each game) allows two people to play simultaneously. Requires one 9V battery. £24.95
- C Pocket Repeat** Test your memory. Play back Lights and Sounds in the Same Sequence. Mini size to fit in your pocket. Requires 9V battery. £11.95
- D One Player Basketball/Sea Battle** Play basketball against the computer or take command of a Destroyer chasing Submarines. Requires one 9V battery. £18.95
- E Electronic Football Game** Fast paced with skill and drama showing "full field" display and LED players. Amateur and Pro speeds. LED timing and scoring, plus multi-directional player control with pass and shoot keys. £18.95
- F Target Game** Test your skill on this exciting target game. Rotating target disc with photocell and light emitting pistol. £18.95
- G Electronic Repeat** Beat the Computer! Sharpen your memory-play back the colours and sounds in the same sequence. Gets faster and faster on 4 skill levels. Requires 9V battery. £14.95

Play now, pay later. Instant credit available in most cases.

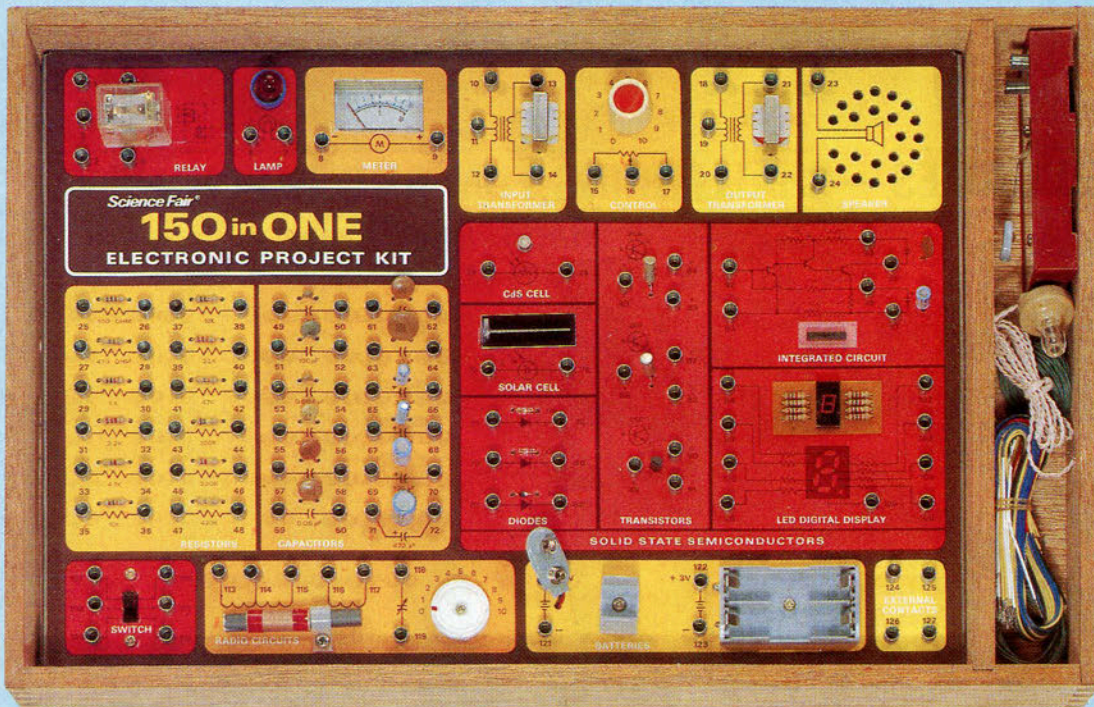
# SCIENCE FAIR ELECTRONICS KITS — ONLY FROM TANDY



Science Fair kits are the modern fun way to introduce children to electronics. They are completely safe using either solar or battery power and solderless, re-usable spring clip connections. Fully detailed and easy to read manuals with straight forward diagrams make assembling each project easy. The projects are a wide cross-section of electronics applications many of which, such as radios and telephones, children will already be familiar with. Science Fair kits will then actively help children to understand the world in which they live.

**MAKE SENSE OF  
THE EXPANDING  
WORLD OF ELECTRONICS  
WITH A SCIENCE FAIR KIT**

## 150-IN-1 ELECTRONICS PROJECT KIT



**ALL YOU NEED  
IS INCLUDED**

7 Segment  
LED Digital  
Display



Advanced  
Integrated  
Circuit



**Instruction Manual**  
Explains every project in non-technical language, with simple diagrams.

**£24<sup>95</sup>**

• 100% Safe—No Mains Power Needed • Simple, Re-usable Spring Clip Connections

**SCIENCE FAIR 150-IN-1.** Nothing bigger or better for learning the fundamentals of electronics as you build communications and test equipment circuits. Projects include radios, telegraphs, one-way telephone, radio signal monitor, wireless microphone, oscillators, circuit testers, output meters, D.C. voltmeters and audio signal tracers. Simple computer circuits include AND, NAND, OR and NOR circuits with LED flip flop lamp flashers and others. Pre-mounted solar battery, photocell, signal lamp, meter, relay, speaker, integrated circuit and LED display. Connect, disconnect circuits in the sturdy case using spring clips. Complete with instructions, earphone, code key and wire. Requires one 9v and 2 "AA" batteries. **28-248**

**£24.95**

# SCIENCE FAIR KITS FOR ENTHUSIASTS OF ALL AGES

## 75-IN-1 ELECTRONIC PROJECT KIT

- Easy No-Solder Assembly
- Safe Battery Power
- 75 Exciting Projects for the Young Electronics Enthusiast

£17<sup>95</sup>

### 85 page Instruction Manual

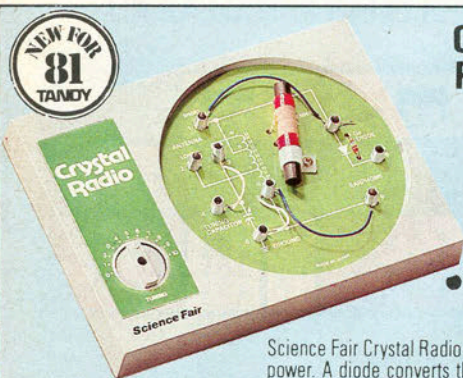
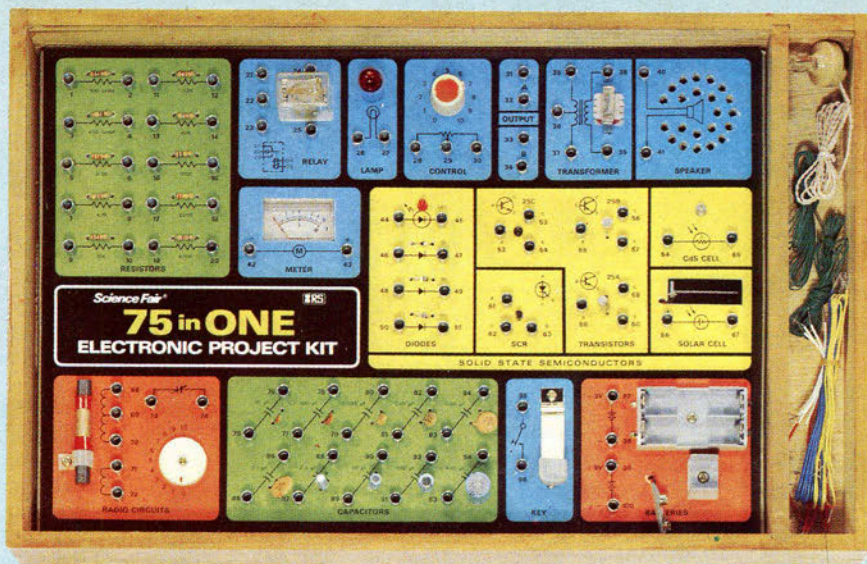
All projects explained in non-technical language, with simple diagrams to make assembly easy.



A fascinating electronics project kit for beginners and enthusiasts alike. Includes everything for constructing basic semi-conductor circuits, communications projects, logic and computer circuits, natural science experiments. Build basic transistor projects that include wireless AM transmitter, oscillators, telegraph, crystal diode and one transistor radios, output level meter, NPN and PNP transistor checker. There's even a plant growth stimulator and sonic fish caller. Earphone, code key, speaker, connecting wires are included in the sturdy 5 x 144 x 28 cm fitted wood case. Safe and solderless spring-clip connectors. Requires one 9v and 2 "AA" batteries.

28-247

£17.95



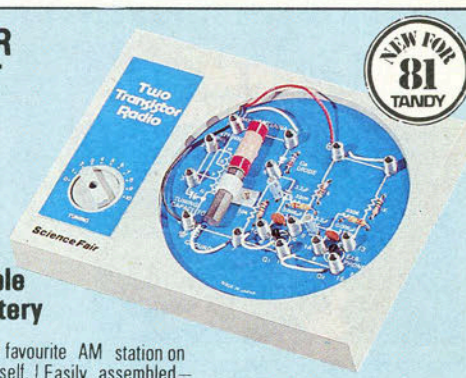
## CRYSTAL AM RADIO KIT

£4<sup>49</sup>

- Plays 'Forever' Without AC or Batteries

Science Fair Crystal Radio Kit never needs batteries or AC power. A diode converts the RF signal to audio covering the 550 kHz-1600 kHz bands. Easy assembly manual, theory of operation and earphone supplied for hours of enjoyment. 22-219

£4.49



## 2 TRANSISTOR AM RADIO KIT

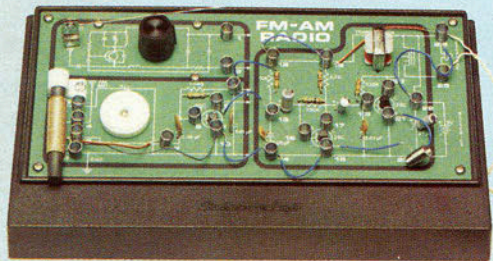
£5<sup>49</sup>

- Easy to Assemble
- Use Any 9v Battery

Now you can enjoy your favourite AM station on a radio you constructed yourself. Easily assembled—use any 9v battery. Tunes the entire 550-1600 kHz AM band. Includes earphone and instructions. 28-229

£5.49

## MW/VHF RADIO KIT



- Spring Clip Assembly
- No Solder—Absolutely Safe

£9<sup>95</sup>

Hours of entertainment—and educational too! Deluxe circuitry supplied includes four transistors and a transformer, plus pre-assembled FM Tuner. Numbered components for ease of assembly using Spring-Clips. Earphone and illustrated instruction manual included. Requires two "AA" batteries. 28-234

£9.95

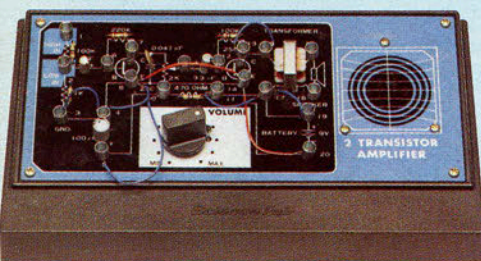
## MW POCKET RADIO KIT

- Printed Circuit Assembly
- Carry Case Included

£6<sup>99</sup>

A quality 8-transistor portable radio that sounds even better because you "built-it-yourself"! Easy printed circuit assembly. Complete with 63 mm speaker, side mounted thumbwheel volume and tuning, earphone, solder, instructions and a leatherette carry case. Requires 4 "AA" batteries. 28-222

£6.99



## TWO TRANSISTOR AMPLIFIER KIT

- Battery Powered
- Full Instructions

£5<sup>25</sup>

Amplifies the audio signal from a ceramic phono cartridge, tuner or tape deck. Includes two transistors, output transformer, speaker, volume control and full instructions. Use it with 28-234 MW/VHF radio kit or indeed any Science Fair project using an earphone. Requires 9v battery. 28-224

£5.25

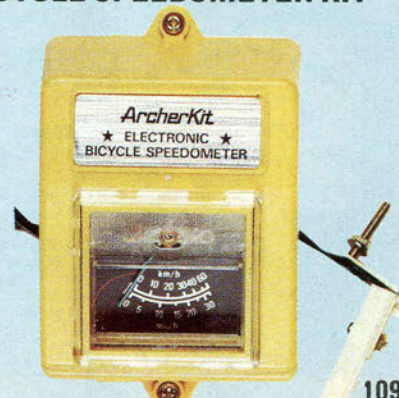
## ELECTRONIC BICYCLE SPEEDOMETER KIT

- Suitable for Most Bicycles
- Scale Registers Mph and Kilometers per hour

£9<sup>95</sup>

Archerkit Electronic Bicycle Speedometer shows you how fast you're pedalling and adds fun to your riding. 1/2" scale reads up to 30 mph/60 kph. Tough 4" x 2 1/2" x 2" moulded housing. Includes mounting hardware and easy assembly instructions. Requires 9v battery. 28-4026

£9.95



# FUN! SAFE! BUILD A "SOLDERLESS" SCIENCE FAIR KIT

## SCIENCE FAIR® AERONAUTICAL KIT



- Over 100 Aviation Projects in One Kit
- Complete with 160 page manual

**£16<sup>95</sup>**

Learn the mechanics of flight and propulsion as you build a helicopter, a flyable model plane, rocket with recovery parachute, helium balloon, and many more exciting and educational projects. Learning has never been so much fun! 28-196 **£16.95**

## 50 PROJECTS TO STIMULATE YOUNG MINDS



- Spring Club Terminals for Absolutely Safe Hookup
- Workbox Made of Finished Wood With Parts Pre-Mounted Inside

Build a radio, a telegraph, a morse code system, and much more. Easy-to-understand instructions. When your project is finished, disconnect the circuit and go on to another one. No prior knowledge of electronics necessary! Requires 2 'AA' batteries. 28-227 **£16.95**

**£16<sup>95</sup>**

## CB MONITOR RECEIVER KIT



**£7<sup>95</sup>**

- Covers 40 channels
- Simple and fun to use!

Science Fair Receiver Kit allows you to listen to the full range of Citizens's Band. Illustrated board, spring-clip wiring and numbered parts. Requires one 9V battery. 28-238 **£7.95**

**£7.95**

## SOLAR POWER ELECTRONIC LAB KIT



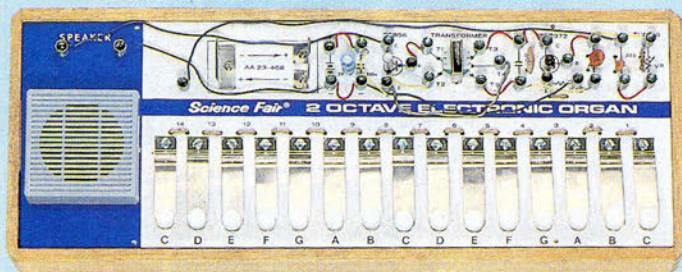
**£9<sup>95</sup>**

- Converts sunlight into Electrical Energy!

Build your own sun-powered radios, transmitters, relays, light beam communicator, sound synthesizer — 25 fascinating projects in all! Safe solderless connections. Includes easy-to-follow instruction manual and schematics, 22 separate components in fitted. Size: 38 x 25 x 5 cm case. 28-246 **£9.95**

**£9.95**

## TUNABLE ELECTRONIC ORGAN KIT



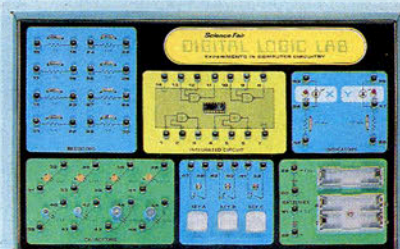
- Plays 2 Octaves of Major Scale
- Hardwood case-complete with Songbook

**£8<sup>95</sup>**

Now budding musicians in the family can build their own tuneable organ. All spring-clip assembly — no soldering tools needed. Builds into the 32 x 12.5 cm hardwood box in which it comes. Kit includes speaker and songbook of popular melodies. Requires 2 'AA' cells. 28-215 **£8.95**

**£8.95**

## DIGITAL LOGIC LAB KIT



**£8<sup>95</sup>**

- 25 Experiments in DIGITAL LOGIC Circuitry
- No Soldering

Set up your own experiments in digital logic. 25 exciting experiments including 'AND', 'NAND', 'OR' circuits, electronic games and lots more to intrigue young minds. Complete with IC, LED and all components. safe, no-solder assembly. Requires 3 'AA' batteries. 28-226 **£8.95**

**£8.95**

## 50,000 OHMS/VOLT MULTITESTER KIT

**£19<sup>95</sup>**

- 43 Ranges
- 'Range Doubler' Circuit

Features include a 10.8 cm overload protected meter, one knob function selector, 'Range Doubler' switching. DC Volts: 0-125mV-1.25-5-25-125-500 at 50K ohms/volt; 0-250mV-2.5-10-50-250-1000 at 25K ohms/volt. AC Volts: 0-5-25-125-500 at 10K ohms/volt; 0-10-50-250-1000 at 5K ohms/volt. DC current: 8 ranges. Resistance: 5 ranges, dB: -20 to + 62, 8 ranges. Accuracy  $\pm 3\%$  DC,  $\pm 4\%$  AC. With leads and full instructions. Requires 'AA' + 9V Battery. 28-4014 **£19.95**

**£19.95**

## PROJECTS FOR FUTURE ENGINEERS



- 10 Projects in One
- Spring Clip Wiring

**£7<sup>95</sup>**

Junior Electronic Lab Kit Build your own Home AM Broadcast Station, amplify and test equipment. Use the Morse Code. Complete with instruction manual, assembly guides, wiring diagrams. Requires one 'AA' battery. 28-225 **£7.95**

**£7.95**

# TANDY REFERENCE BOOKS KEEP YOU IN TOUCH



## COMPUTER TECHNOLOGY

**Beginning Computers.** For the novice. Subtitles, diagrams, photos. 49 pages. **62-2003 £1.39**

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**The BASIC Cookbook.** Teaches BASIC so you can program a microcomputer. 116 pages. **62-2007 £1.59**

**57 Practical Programs and Games in BASIC.** Includes blackjack, space-war, straight-line depreciation, compounding. 204 pages. **62-2008 £2.25**

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**BASIC Computer Programming.** Intro to computers, writing programs. 156 pages. **62-2015 £2.29**

**BASIC Computer Language.** Includes both programmed instruction and user programs. 232 pages. **62-2016 £3.95**

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**Understanding Digital Computers.** Easy-to-read programmed course on digital computer basics. 160 pages. **62-2027 £2.95**

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**Level II Programming Techniques.** Supplement to Level II Programming. Common BASIC operations. 142 pages. **62-2062 £2.69**

**TRS-80 Graphics.** How to create graphic displays with TRS-80. From line drawings to geometrics to moving-figure animation. 142 pages. **62-2063 £2.99**

**TRS-80 Programs.** 32-fully documented programs ready-to-run on a TRS-80. Suggested program changes, too. 267 pages. **62-2064 £3.49**

**How to Program the Z80.** Educational text and self-contained reference. From the basic concepts to advanced data structures manipulations, with comprehensive description of all Z80 instructions. 626 pages. **62-2066 £6.99**

**Programmer Computers.** A comprehensive guide to computer Programming. **62-9202 £4.95**

## LEARNING ELECTRONICS

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**Basic Electricity.** For the Beginner Electronics Student. Volume I. Introduction to electricity, voltage, Ohm's law, parallel circuits. **62-2019 £4.95**

**Volume II.** Covers voltage dividers, capacitors, inductors, more. **62-2020 £4.95**  
Both for **£8.95**

**Understanding Electronics Communications Systems.** Description of the basic means of electronic communications. Describes how the various systems work. 256 pages. **62-2018 £2.29**

**Understanding Solid-State Electronics.** A 12-lesson, self-teaching course in semiconductor theory by Texas Instruments Learning Center. 242 pages. **62-2035 £1.59**

**Electronics Data Book.** Reference for formulas, laws, math, and much more. 112 pages. **62-2040 £0.69**

**Electronics Dictionary.** Definitions and illustrations of more than 4800 electronics terms. Expands your vocabulary. **62-2047 £0.79**

**Math for the Electronics Student.** How to solve problems in circuits, induction, capacitance, RMS, peak power, power factor, resonance. 112 pages. **62-2057 £0.99**

## CB-SWL-HAM

**Shortwave Listener's Guide.** A must for any shortwave listener! Lists stations by country, city, call letters, frequency, power and transmission times. Includes log. 128 pages. **62-2032 £1.39**

**CB-SWL-HAM Log Book.** All-purpose! Keep an accurate account of stations heard. Tables for recording frequency, call letters, date time. 64 pages. **62-2034 £1.69**

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**CB Radio for Trucks, Cars and Boats.** Covers CB communication, licensing, transceiver operation, specs, features, mobile installations. 98 pages. **62-2306 £0.69**

## GENERAL

**Guide to Stereo High Fidelity.** Perfect intro to component stereo systems, as well as a handbook for the advanced user. Discusses speakers, amplifiers, record players, tape decks, headphones, FM 4-channel, assembling a system. 174 pages. **62-2029 £1.99**

**Introduction to Antennas.** Comprehensive, easy-to-understand guide. Explains how CB, TV, radio, shortwave antennas are designed. How to choose and install antennas. 128 pages. **62-2051 £0.89**

**Building Speakers Enclosures.** Get extra value and set your own specs by building your own speaker system. Bass-reflex, infinite baffle, acoustic-suspension, many more designs. 96 pages. **62-2055 £0.69**

**A SAFEHOUSE—Electronically.** Perfect primer to setting up a home or business security system. Basic information on various electronic detection systems. 125 pages. **62-2308 £1.29**

# ANSWERING SYSTEMS AT MONEY SAVING PRICES

## Dual-Cassette Phone Answerer With Remote Control



- Easy to Install.
- Microprocessor Controlled.
- Monitor Feature "Screens" Incoming Calls.



Remote control lets you play back calls through any phone and reset for more!

DUOFONE TAD-26. Don't miss important phone calls! Easy-to-install, answers with your own 20-second announcement, then records caller's message for up to 30-seconds. Call your own number from any phone and receive your messages by remote control. With plug-in mike. Works with rotary dial or push-button systems. Adjustable to answer in one to five rings. Attractive moulded woodgrain cabinet. Size: 22.22 x 29.84 x 7.94cm.

**43-259\*** £159.95

Extra Outgoing Cassette (20 seconds).

**43-401\*** £3.59

Extra Incoming Cassette (Leaderless C-60).

**43-410\*** £1.49

# £159<sup>95</sup>

Check on home messages from work on office calls when away on business or just keep in touch at anytime!

## ALL ELECTRONIC PUSHBUTTON PHONES FROM TANDY

### Feature-Packed All-Electronic Slim-Phone.

- Auto-Redial and Universal Dial System.
- Tone Ringer with Off/High/Low Switch.

**£79<sup>95</sup>**

Choice of Colours — White or Brown.



Hang it on Wall or ... Use it on Desk or Table ...

Tandy ET-200. Beautiful contemporary styling PLUS a combination of features that aren't available elsewhere! We've replaced the harsh sounding mechanical bell with a solid-state tone ringer that has a volume control/privacy switch. 7ft. cord with modular plug. Engineered for years of dependable service. Plug in and use. 8.25 x 23.49 x 8.89 overall. (Not for party or multi-line use.)  
**43-286 White.** £79.95  
**43-287 Brown.** £79.95

### Tandy's "Mini" — The Personal Electronic Phone.

- Tone Ringer With Silent/Low/High Switch.
- Mute Switch Silences Outgoing Voices.

Tandy ET-100. The personal electronic telephone of tomorrow, is here today! It's the smallest we've ever offered and truly a marvel of advanced technology. Mute switch lets you talk privately to someone nearby — no need to cover the mouth-piece with your hand! Half of the 16ft. cord with modular plug is coiled — it can't clutter desk or table. Other half will lay flat on the floor. Silent/Low/High ringer switch — you'll never be disturbed by unwanted calls! (Not for party or multi-line use.)  
**43-284 White Mist.** £34.95  
**43-285 Dark Brown.** £34.95



"Hang Up" on Any Flat Surface.  
 Compact One-Piece Design — Complete Phone Just 5.71 x 3.81 x 17.38cm.

STYLISH MODERN DESIGN COMPLEMENTS ANY HOME OR OFFICE.

**£34<sup>95</sup>**

Tandy have all the telephone accessories you need.



# ON THE RIGHT LINES WITH TANDY.

Elegant Phones Add A Bright Accent To Any Room.

## A. French Continental.

● Classy conversation pieces.

Gold filigree finish and ivory-coloured base add to the "Old World" charm of this antique style phone. Complete with 7' base cord, modular plug  
43-320 £59.95

£49.95

## B. French Style Conversation Piece.

The elegance and charm of the "Left Bank" combine classic design with quality components for years of reliable service. "Continental-style" buzzer and ornamental handset create a mood of European elegance. 7' base cord, modular plug.  
43-326 Golden Trim £49.95  
43-325 Gold Ivory Trim £49.95



£59.95

## Deluxe Rotary Dial.



£29.95

Just as stylish, rugged and reliable as telephone company models. Easy to install - cord plugs into any modular phone jack for a lifetime of dependable service. Moulded handset has coiled cord that stretches up to 4'. Bell with volume control, 7' base cord, modular plug.  
43-301 White £29.95  
43-302 Beige £29.95

## Rotary Dial Slim Phone.



£49.95

Compact up-to-the-minute design. Make call after call without hanging up. The dial and re-call button are always in your hand! Coiled cord stretches up to 1.8m for added mobility. With 2m base cord and bell volume control.  
43-305 White £49.95  
43-306 Harvest Gold £49.95

## "Bonnie 'n' Clyde". Roaring 20's Classic Styling.

Features elegant all-metal base design with a rotary dial and lightweight moulded body for easier handling. Black with gold coloured base and trim - adds a touch of nostalgia. Includes black handset cord, 7' base cord, modular plug.  
43-321 £59.95



£59.95

# DIRECTORIES AND ACCESSORIES FOR TELEPHONE FLEXIBILITY.

## Automatic Telephone Directory.



£15.95

Desk Top Automatic Directory. Lets you recall as many as 350 numbers with the touch of a key. Data file rotates electrically, easily to the listing you desire. Requires 2 "C" batteries.  
43-9001 £15.95

## Portable Hand Directory.



£3.95

Portable Hand Directory. Rapidly locates any of 390 names and numbers in forward or reverse. Requires 2 "AA" batteries.  
43-112 £3.95

## Amplified Telephone Listener.



£6.95

Amplifies callers voice. Suction cup pick-up coil attaches to telephone base or handset. Thumbwheel volume control and on/off switch. Mains operation or requires 9V battery.  
43-231 £6.95

## Mini Automatic Telephone Directory.



£3.49

Pocket Directory. Use it anywhere! measures only 3 x 5 x 3/4", but holds up to 200 names and numbers. Requires 2 "AAA" batteries.  
43-109 £3.49

## Four Conductor Plug



£3.99

Standard 4 conductor plug with colour coded connections.  
279-9000 £3.99

## Extension Coil.



£3.95

18 feet silver satin coiled cord for replacement or extension use.  
279-361 £3.95

## Extension Modular Telephone Connector.



£2.99

Modular end fits modular jacks. Other end has spade-lugs.  
279-364 £2.99

## Modular Phone Jack.



£2.49

Gives you the mobility you require for extensions, throughout the house. Fitted quickly and easily for use with your new Tandy telephone.  
279-353 £2.49

## Duplex Quick-Connect Jack. Modular Jack.



£3.95

Connects 2 phones, phone and amp. or answerer from one jack.  
279-357 £3.95



£1.59

Quick connect jack designed for use with your new Tandy telephone. Accepts American style modular phone jack.  
279-355 £1.59

Barclaycard and Access accepted at most shops

# TANDY INTERCOMS FOR MORE VERSATILITY

## WIRED INTERCOMS GIVE YOU THESE BIG FEATURES

- Economic to buy and run — on one 9v battery!
- Practical — they work anywhere, free from mains power worries!
- Freedom from the noise nuisance of electrical interference!

## INDOOR/OUTDOOR 2 STATION INTERCOM

## 4-STATION INTERCOM SYSTEM £16<sup>95</sup>



£9<sup>95</sup>

- Remotes can Signal Master — Even when System is "OFF"

### Remote can Signal Master — Even when System is "OFF"

Our lowest priced intercom system. Talk upstairs/downstairs, home to garage or office to office. Even check callers at your door. Dependable versatile units for desk-top or wall mounting. Complete with 20m connecting cable. Requires one 9v battery. Units measure 105 x 78 x 44 mm. 43-221 £9.95

Selector Knob on master unit chooses one of three stations or stand by. Press the talk bar on any remote station to signal the master. Complete with three 20m cables. Requires one 9v battery. Can be run off mains with AC adapter. 43-216 £16.95

## WIRELESS 3 STATION, 3-CHANNEL FM SYSTEM



## WIRELESS INTERCOMS OFFER:

- Versatility! Move stations easily, add pairs as needed, continuous monitoring capability!
- Instant Use! just plug into 220/240v AC and talk!

## WIRELESS 2-STATION FM SYSTEM



£84<sup>95</sup>

- FM and Auto-Squelch Cut Noise
- "Call-Tone" Station Signals
- Phase-Locked Loop for Clear On-Channel Communications

Our finest and most versatile SELECTaCOM. Frequency modulation and automatic squelch reduce interference and background noises. Touch sensitive electronic "talk" controls. Touch-talk plate has lock position for continuous talking or monitoring. Each station has volume control, A/B channel selector. Just plug in — and talk!

43-214

£84.95

### FM REDUCES NOISE FROM



Dimmer Switches



Appliance Motors



Fluorescent Lights



£54<sup>95</sup>

- "Beep" Call Tone
- Adjustable Squelch
- Lighted Talk-Bar

A real step-saver! Easy to use — just press the Talk-Bar to speak, and the Lock-Bar for hands-free talking or monitoring. FM and adjustable squelch combine to reduce 'hash' and static. Talk-Bar doubles as a night light. Plug each station into any 220/240v AC outlet — no unsightly connecting wires. 43-212

## WIRELESS AM 2-STATION INTERCOM SYSTEM



£26<sup>95</sup>

- Each Station Doubles As a Night Light

Each station has on-off/volume thumbwheel control. Lock-Key for continuous talking or monitoring. Call button 'beeps' other station and illuminated Talk-Bar also serves as a nightlight. Add as many pairs as needed for a 'whole-house' communications system — just plug into 220/240v AC and talk.

43-209

£26.95

## LOW COST TELEPHONE LISTENER

- No Wiring Required

£6<sup>75</sup>

Amplifies incoming calls so others can listen in with you. Suction cup pickup coil attaches/detaches easily from phone base or handset. Volume control. requires 9v battery.

43-231

£6.75

# WIRED ALARMS AND ACCESSORIES FROM TANDY



**A Complete Home Burglar Alarm System**

**NEW FOR 81 TANDY**

**£79<sup>95</sup>**

- Perfect Project for Do-It-Yourselfers
- 'Panic' Switch for Instant Alarm in Emergency

Four SPST magnetic switches for doors and windows, loud 8" dia. alarm bell with built-in timer, master control box of heavy-gauge steel with an anti-tamper switch. Also includes 100' of wire, remote on-off key and lock, 2 keys, 2 warning decals, mounting hardware, instructions. Extra switches and foil may be added. Requires 12V battery. 49-474 £79.95

Available October 31, 1980



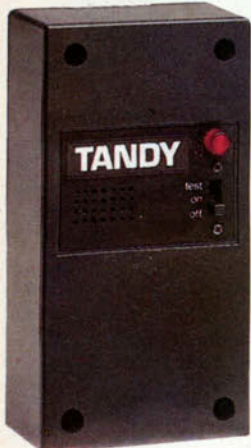
**Anti-Theft System**

**£39<sup>95</sup>**

- Ideal for the House, Car, or Shop
- Easy to Install

Fits any magnetic relay. Detects slightest vibrations and instantly triggers alarm. 2 inputs for open or closed circuit with 1" output/ input delays and 2 for open and closed circuit instantly release the alarm. Sounds for 5 minutes maximum, continuously or intermittently. Output: Contacts normally open or normally closed. On/off lock switch with key. Visual indication for battery replacing — Works on 12V DC, batteries or AC adapter. 49-9000 £39.95 270-9538 £4.95

Available October 31, 1980



**Protect Lives and Property With a Water/Flood Alarm!**

**£6<sup>95</sup>**

- Alarm Test Button and Indicator

A lifesaver! Inexpensive and dependable, it automatically sounds a piercing alarm to warn of water entering in utility rooms, basements, boats garage, — anywhere! Installs easily in minutes. Requires 9V battery. 49-440 £6.95



**Invisible Infra-red Pulsed-Beam Announcer/Alarm System**

- One-Piece Receiver/Transmitter Unit
- Beam Reflector

**£39<sup>95</sup>**

A silent round-the-clock sentry. Shoots a narrow beam of invisible infra-red light up to 50 feet to the reflector, which bounces it back. Whenever the beam is interrupted, the alarm is triggered. Set to sound continuously, or with automatic reset, or delay. LED test/alignment indicator. Built-in buzzer output for connection of optional 12V DC bell, whooper. AC operation. 49-201 £39.95



**Powerhorn-Junior Security System**

**£1<sup>79</sup>**

- Install Several in Your Home

Inexpensive protection for doors and windows. Loud built-in alarm. Easy-to-install. Includes mounting screws and adhesive backing. Requires 2 'AA' batteries. 49-494 £1.79



**Door Alarm and Entry Chime**

**£9<sup>95</sup>**

- Alarm is Set Using Secret Keyboard Code
- Exit/Entry Delay

Attractive unit gives alarm protection, plus a pleasant-sounding chime 'announces' callers when door is opened. Alarm is set and shut-off by entering 3-digit code on the keyboard. LED indicator shows when right code is entered. Requires 9V alkaline battery. 49-9462 £9.95



**Personal Powerhorn**

**£2<sup>99</sup>**

- Use to Summon Aid

Portable protection for emergency situations. One blast will attract attention and scare intruder away. Small enough to fit in your purse or pocket. Can be heard up to 1/2 mile away. 49-9600 £2.99

Pk 2 Refills for Powerhorn 49-4600 £2.99




**Door - Chain Alarm**

**£2<sup>19</sup>**

- Protects against Intruders
- Protects against Intuducers

Alarm unit mounts on door and chain brackets on/door frame. Really loud blast on 'Break-in'. Installs in minutes. Requires 2 'AA' batteries. 49-499 £2.19



**SAFE HOUSE**



**Door Viewer**

**£4<sup>49</sup>**

Easy to install. See who's there before opening your door! Outsiders can't see in. Super-wide viewing angle. Solid brass. 49-542 £4.49



**Window Foil**

**£3<sup>99</sup>**

Metallic Foil. Connects to alarm, activates it when glass is broken. Self adhesive 120" x 1/2" roll. 49-502 £3.99



**Block Connectors**

**£1<sup>59</sup>**

Connectors. Self adhesive 49-504 £1.59



**Panic Switch**

**NEW FOR 81 TANDY**

**£1<sup>19</sup>**

Pushbutton instantly activates alarm system in an emergency. For normally open circuits. Contacts close when button is pushed. 49-517 £1.19



**Vibration-Detecting Window Sensor**

**£5<sup>49</sup>**

Excessive glass vibration triggers open or close-circuit alarms. With adhesive backing. 49-516 £5.49



**SPST Lock Switch**

**£2<sup>69</sup>**

Spring-Loaded cover, screw terminals. With 2 keys. Contacts rated to 3 amps. 49-515 £2.69 High Security round style key and lock switch. Key removes in 'on' or 'off' position. With 2 keys. 3 amps. 49-511 £6.69



**Warning Decals**

**NEW FOR 81 TANDY**

**69p**

Vinyl, adhesive decal tells everyone you're protected by a Radio Shack security system. Mount inside on glass. 49-507 69p



**Magnet Switches**

**From £1<sup>95</sup>**

Contact close when magnet engages. 49-495 £1.95 Contacts open when magnet engages. 49-512 £2.59



**Window Contact**

**NEW FOR 81 TANDY**

**£2<sup>49</sup>**

Mount half on window or door, other half on frame. Allows you to open doors and windows. 49-518 £2.49



**Contact Switch**

**£1<sup>29</sup>**

For Windows, Door Frames. SPST contacts close when plunger is depressed. With screw terminals and mounting hardware. 49-513 £1.29



**Key Hide-Away**

**29p**

Prevents Lockouts. Hide an extra car or house key. Magnet holds box to magnetic metal surface. 49-050 29p

# NOVELTY RADIOS IN ALL SHAPES AND SIZES

## TANDY FM/AM AND AM HEADPHONE RADIOS

Listen While You Walk, Jog, Cycle or Do Housework



FM/AM

£19<sup>95</sup>

AM

£12<sup>95</sup>



**TANDY FM/AM HEADPHONE.** Lightweight for comfort, and the padded ear-cushions seal out noise. Rich, dual-speaker sound. Antenna is hidden in adjustable headband. Side-mounted controls. Requires 9v battery. **12-186** £19.95

**TANDY AM HEADPHONE.** As above, but AM only. Requires 9v battery. **12-185** £12.95



## TANDY AM SPACE RADIO

NEW FOR  
81  
TANDY



£8<sup>95</sup> • Great Gift and Conversation Piece  
• Kids'll Love It

Orbit your favourite AM station with this futuristic spaceship. Rotary 'dome' tuning, on-off/volume control. AC adaptor jack. 4 3/4" diameter, 4 1/2" high. Requires 9v battery. **12-958** £8.95

## MUSIC FOR YOUNG AT HEART TRAVELLERS ARCHER ROAD PATROL BIKE RADIOS

£11<sup>95</sup>

• AM. With Electronic Horn



Fits most handlebars, yet removes easily for off-bike use or to prevent theft—bracket stays on bike. Pushbutton electronic horn. 2 1/2" speaker. 3" safety reflector in front, built-in antenna. 3 1/2" x 5 1/4" x 3 3/8". Requires 3 'C' batteries. **12-197** £11.95

## ARCHER ROAD PATROL BIKE RADIOS

• Budget AM

£8<sup>95</sup>

Disconnects and reconnects quickly for portable use. Metal mounting bracket attaches to handlebar mount and fits most bikes. Weatherized case with 2 1/4" speaker, earphone jack and built-in antenna. 4" x 5" x 3 1/2". Requires 9v battery. **12-196** £8.95



NEW FOR  
81  
TANDY

## CUDDLY 'PETTABLE' PORTABLE AM RADIOS

Kids just love these furry little friends with a radio hidden inside. Handy outside controls. Safe! Require 9v battery.

Sylvester Cat

Country Mouse

NEW FOR  
81  
TANDY

Country Mouse 12-975 £9.95  
Brown Spaniel 12-979 £9.95  
Poodle 12-980 £8.95  
Sylvester Cat 12-9522 £9.95  
Schlappi 12-9524 £9.95  
Teddy Bear 12-9525 £8.95

Teddy Bear

Brown Spaniel

Poodle

NEW FOR  
81  
TANDY

Schlappi

# TANDY'S GOT EVERYTHING IN PORTABLE RADIO

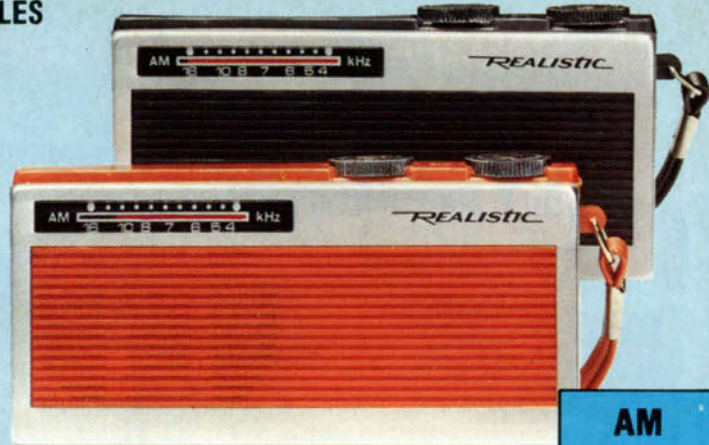
PURSE AND POCKET PORTABLES  
FOR LISTENING ANYWHERE

AM

£5<sup>79</sup>

FLAVORADIOS®

Brings a touch of flavour to any setting. Palm sized AM portables in a choice of 4 colours. Reliable solid state circuitry with thumbwheel dials for single handed operation. Complete with earphone and wrist strap. Requires 9v battery. 12-166 £5.79



AM

REALISTIC ULTRA SLIM AM PORTABLE

An ultra slim portable that slips easily into pocket or purse. Only 55 x 115 x 30 mm. Features clear slide rule dial and rotary, top mounted tuning and on/off volume controls. With wrist strap. Requires 9v battery. Black 12-171 Red 12-172 £6.49

£6<sup>49</sup>

TANDY TWO BAND COMPACTS — BIG PERFORMERS  
COMPACT PORTABLE RADIO REALISTIC SOUND WITH STYLE

AM/FM

£13<sup>95</sup>

Stylish looks, easy to read slide rule tuning. High/Low tone switch. Telescopic FM and built in AM aerial. With a built in AFC for clear reception. With wrist strap and earphone. Requires 9v battery. 12-713 £13.95



AIRCRAFT POCKET PORTABLE

AM/FM

£12<sup>95</sup>

Mini size, mini price but outstanding reception from dual ceramic filters. 2 1/2" speaker, telescopic FM and built-in AM aerials. Side mounted controls for single handed operation. With earphone and wrist strap. Requires 9v battery. 12-609 £12.95



AM / AIR

£14<sup>95</sup>

Dual function portable. Tune into aircraft transmissions or a favourite AM station. Side mounted volume and tuning. Telescopic VHF and built in AM aerials. With earphone and wrist strap. Requires 9v battery. 12-608 £14.95



BUDGET PRICED AM/FM RADIO

£9<sup>95</sup>

Good looking AM/FM portable that keeps you tuned into music, news or sport anytime and anywhere. Slide-rule tuning scale, built in AM and telescopic FM aerials. Requires 9v battery. 12-635. £9.95



DELUXE AM POCKET RADIO

£7<sup>95</sup>

Sensitive Integrated Circuitry means compact size and complete reliability. Rotary tuning scale and transparent volume dial calibrated 1-10. Earphone and AC adaptor jacks. With wrist strap. Requires 9v battery. 12-173 £7.95



LOW COST MW PORTABLE

£4<sup>99</sup>

Only palm sized but has excellent sound quality thanks to push-pull output and transformerless input and output. Robust plastic case. Rotary controls. With earphone and wrist strap. Requires 9v battery. 12-167 £4.99



# THE WORLD IS YOURS WITH A REALISTIC PORTABLE

)))))) STEREO ((((((



## DELUXE "TAKE ALONG" STEREO PORTABLE

**£49<sup>95</sup>**

### LW-MW-FM STEREO PORTABLE

- Switchable Loudness Improves Bass Response
- 'Wide Scope' Expands Sound for Enhanced Stereo Depth and Channel Separation

**REALISTIC CONCERTMATE** introduces you to a new level of sound quality from a portable radio. Twin 102 mm speakers deliver full, rich sounds making the most of FM stereo. Rotary volume and tone controls, slide action stereo balance control and switchable loudness for improved bass response at low volume. LED FM stereo indicator and built in AFC for drift free reception. Headphone jack. Mains operation or requires 6 'D' batteries.

12-9180

£49.95



## 5 BAND PORTABLE FOR LONG RANGE RECEPTION

**£49<sup>95</sup>**

### FM-MW-LW-SW1-SW2

- Extra Large Speaker for Superior Sound Reproduction
- Built-in AFC for Drift Free Reception

**REALISTIC ASTRONAUT 5** Listen into the world's wavelengths while solid state circuitry and superior quality 10 cm speaker makes it sound good. Features fine tuning on SW, LW and MW bands. Telescopic aerial improves SW and FM performance. Built in Ferrite rod aerial and AFC. Earphone jack and tape socket. Mains operation or requires 4 'C' batteries.

12-9132

£49.95

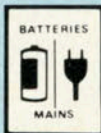
# GOOD LISTENING "TO-GO" — REALISTIC PORTABLES

## POPULAR PRICED 4 BAND PORTABLE

# £32<sup>95</sup>

### FM-MW-LW-SW

- Mains or Battery Operation
- Variable Tone Control with Big Speaker Sound



Tandy Astronaut DX-4. Covers 4 wavebands for widest programme choice at a moderate outlay. Rotary waveband selection and on/off volume control. Wide tuning scale is positioned on top for easy reading. Built in ferrite bar aerial for MW/LW reception and telescopic aerial for improved SW and FM. With earphone jack for personal listening. Easy to carry handle. Mains operation or requires 4 'C' batteries. **12-9134**      **£32.95**

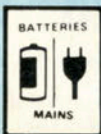


## BIG VALUE SOLID STATE 3 BAND PORTABLE

# £19<sup>95</sup>

### FM-MW-LW

- Built in AFC
- Complete with Earphone for Personal Listening Enjoyment



Realistic 3 band value. Clear, drift free reception from the built in Automatic Frequency Control circuit. Rotary waveband selector, tuning and on/off volume controls. Switchable for use on mains or batteries. Built in aerial for MW and LW. Telescopic aerial for improved FM performance. Requires 4 'AA' batteries. **12-9111**      **£19.95**



## COMPACT PORTABLE RADIO

# £15<sup>95</sup>

### MW-LW

- Auto Gain for Stable Reception
- Angled Tuning Dial for Easy Reading and Stylish Looks

Tandy good listening with this value packed portable. Lightweight but robust enough to withstand years of hard use. Large thumbwheel tuning, on/off and volume controls. Comfortable carrying handle doubles as a stand. Requires 4 'AA' batteries. **12-9133**      **£15.95**



# THE LATEST IN ALL-ELECTRONIC CLOCK RADIOS

NEW FOR  
**81**  
TANDY



## Space-Saving Vertical Style AM/FM Digital

- Auto-Dimmer Controls Clock Brightness
- High/Low Tone Switch
- PM/Wake Indicators
- Feather-Touch Snooze and Sleep Buttons

**£32<sup>95</sup>**

**Chronomatic—219.** Elegant in appearance yet takes up very little space. Features radio and buzzer alarms plus a digital display that adjusts itself to changing room light conditions. Sleep button provides 59 minutes of music with auto-shutoff, and the snooze button gives you a few extra minutes of morning rest with each tap. Out-front 3" speaker, AFC and ceramic filter for superb FM, slide-action volume control, buttons for fast/slow/seconds time set. Terminals for external FM antenna. **12-1524 £32.95**

NEW FOR  
**81**  
TANDY



## Electronic Digital Clock Radio

**£28<sup>95</sup>**

- FM/MW/LW Band Reception
- 4 Digit LED Display with Dimmer Switch

**Chronomatic 306.** LED indicator shows when radio is programmed to wake to music or alarm mode. Push buttons for Time, Wake Set, Sleep and Snooze Functions. Sleep button gives 59 minutes of playing time. Built-in FM antenna and AM loopstick aerial. Jack for earplug, external speaker. **12-9147 £28.95**

## AM/FM with Extra-Large LED Display

- LED AM, PM and Wake Indicators
  - Fast and Slow Time Set Controls
  - Buzzer and Radio Alarms
- £29<sup>95</sup>**

**Chronomatic-213.** Features both buzzer and radio alarms. Clock has hi/lo dimmer, 59-minute sleep switch and snooze control. Radio has 3 1/2" speaker, AFC and ceramic filter on FM, slide-rule dial, earphone jack. **12-1520 £29.95**



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**81**  
TANDY



## Compact AM/FM Digital On a Budget

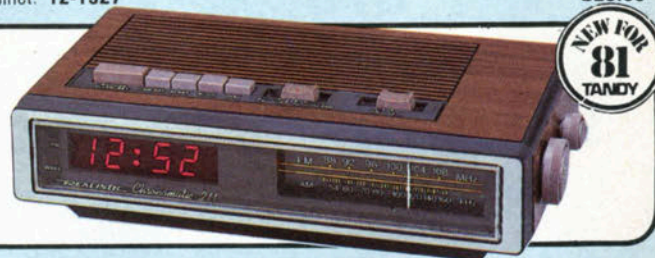
- All Clock Controls Conveniently Grouped On Top.
  - High/Low LED Dimmer
  - LED PM/Wake Indicators
- £26<sup>95</sup>**

**Chronomatic-220.** Rise 'n' shine to your favourite radio station. Clock features a 59-minute sleep control plus fast and slow time set controls. Radio has 3" speaker, AFC to prevent FM drift, ceramic filter to cut FM signal interference, earphone jack, woodgrain cabinet. **12-1527 £26.95**

## Compact AM/FM LED Display

- High/Low LED Dimmer Switch
  - Lighted Dial
  - Top-Mounted Snooze, Sleep and Time Set Buttons
- £23<sup>95</sup>**

**Chronomatic-211.** All the popular features in a very compact size. Wakes you to radio or buzzer alarm fast/slow time set buttons, on-top 3" speakers, handy side-mounted tuning and volume controls, AFC and ceramic filter for superior FM, earphone jack. **12-1516 £23.95**



NEW FOR  
**81**  
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NEW FOR  
**81**  
TANDY



## FM/AM Electronic Digital Clock Radio

- Calculator Style Pushbuttons for all Functions
  - 4 Digit LED Display
- £25<sup>95</sup>**

**Chronodate.307** Solid state circuitry ensures accurate time keeping and clear reception. Sleep button for 59-minutes of music. Wakes to alarm or music. Snooze control gives 9 minutes extra sleep. Internal aerials. Mains operated. **12-9148 £25.95**



# SPECIAL-FEATURE ELECTRONIC DIGITAL CLOCK RADIOS

## AM/FM DUAL-ALARM DIGITAL WITH CALENDAR DISPLAY



- Fluorescent Time Display
- Forward Reverse Time Set
- Wave Band Indicator
- Snooze Control. Hi/Lo Dimmer

**£39<sup>95</sup>**

**CHRONODATE-217.** More features more value than any clock radio we've ever offered. Two-alarm wake-up system is a real bonus for people who get up at different times. Features snooze and 59-minute sleep controls displays month and date—and even keeps time in another time zone. Radio has 8.4 cm speaker. AFC and ceramic filter on FM, earphone jack, terminals for external FM antenna. Visible and audio power failure indicators. 12-1518

**£39.95**

**Wakes You to Music, Alarm or Both—Music Followed by Beep Alarm**

Available October 31, 1980

## 3 BAND RADIO ALARM CLOCK

- Automatic Brightness Control
- Fast-Slow Time Set Buttons

**£39<sup>95</sup>**

**CHRONODATE-301.** A high quality MW/LW/FM radio and calendar alarm clock. The brilliance of the fluorescent display is controlled by a photo-cell, so that during the night the intensity is automatically decreased. Sleep switch, snooze and fast/slow alarm/time set. Wake to music or buzzer alarm. 3 band radio with built-in aeriels and terminals for external FM aerial. 90 x 170 x 325 mm. 12-9127

**£39.95**



## LOW-COST LED CLOCK RADIOS

- Touch Snooze Control
- Sleep Control lets you fall asleep to Music

**£39<sup>95</sup>**

Smart white styling on these compact easy-read LED clock radios. Set alarm with fast/slow time buttons and choose to wake to music or the buzzer. Indicator shows when alarm is set. Sensitive 2 band radio with built-in aerial and terminals for external aerial. Good sound from dynamic speaker. 200 x 110 x 65 mm.

12-9145 Chronomatic 304 MW/VHF

12-9146 Chronomatic 305 MW/LW

**£25.95**

**£22.95**



## DE-LUXE AM/FM TABLE RADIO

**£35<sup>95</sup>**

- Lighted Dial—Tone Control
- Ceramic Filter Sharpens FM



**REALISTIC-MTA11.** The 16.5 cm speaker has a free-edge cone and is acoustically sealed in the enclosure for rich full-bodied sound. Three tuned IF stages provide real station-pulling power and rejection of unwanted signals. Built-in antennas, terminals for external FM antenna. Rosewood grained vinyl veneer.

12-690

Available October 31, 1980

**£35.95**

## SPACE SAVING AM CLOCK RADIO

**£18<sup>95</sup>**

## STANDARD CLOCK FACE WITH SECOND HAND

- Giant Easy-to-See Numerals

**CHRONOMATIC-10.** Wakes you to music followed by alarm. Recessed tuning and volume controls, 8.8 cm speaker. An ideal '2nd' clock radio. 12-1464



Available October 31, 1980

**£18.95**

# TANDY'S DEPENDABLE, GO-ANYWHERE TIMEPIECES



## LCD DIGITAL READOUT QUARTZ ALARM WATCH NEW LOW COST!

**£18<sup>95</sup>**

●Hours, Minutes, Seconds.

24 hour alarm with set indicator. Integrated adjustable stainless steel wriststrap. Large backlighted digital display. Reads Month, Day, Date, AM/PM Indication. With battery. 63-5005 £18.95



NEW FOR 81 TANDY

## SPORT LCD QUARTZ CHRONOGRAPH

**£12<sup>95</sup>**

●Time, Month, Day, Date.

Hours, minutes, seconds with stopwatch accurate to 1/100th second. Features lap and total timing. Large easy-to-read back-lit display. Black case. With battery. 63-5007 £12.95

## LCD QUARTZ CHRONO ALARM WATCH

**£24<sup>95</sup>**

●Month, Day, Date, Plus Stopwatch

24 hour alarm with indicator. Time with PM indicator. Large backlit display. Mineral lens. Integrated stainless steel wriststrap, adjustable without removing or adding links. With battery. 63-5006 £24.95



NEW FOR 81 TANDY



NEW FOR 81 TANDY

## LCD QUARTZ CALENDAR CLOCK

**£18<sup>95</sup>**

●Time and Date at a Glance

Mounted in clear plastic base and angled for easy viewing. Removable calendar plates show any month. Quartz control for precise time and date. Size: 108 x 159 mm. Requires 'AA' battery. 63-725 £18.95

## HAND-HELD 6-DIGIT LCD STOPWATCH

**£17<sup>95</sup>**

●Times to 1/100th of a Second.

Doubles as a calendar to show month, date, and day. Liquid Crystal Display has backlighting for night use. Impact resistant molded case, carrying strap. Battery. Size: 8.26 x 4.46 x 1.43 cm. 63-5003 £17.95



NEW FOR 81 TANDY



## A. JUMBO LED DIGITAL ALARM

Big 4.57 cm red display can be seen from across the room. Features include slow/fast and alarm set, and a delay for intermittent power loss. If power failure lasts more than 5 seconds, all digits flash when power is restored. Size: 10.48 x 21.91 x 6.35 cm. 63-823 £24.95

## B. DIGITAL LED ALARM

Hours/minutes plus AM indicator. Automatic display dimmer, big 2.29 digits, snooze button, 24-hour alarm, and 5-second delay for intermittent power loss. Attractive brushed aluminium front panel. Size: 8.89 x 16.83 x 7.62 cm. 63-821 £15.95

## C. FLUORESCENT ALARM CLOCK

Wake to a pleasant "beep" tone and then push down anywhere on the top of clock for "snooze". AM/PM indicators, 24-hour alarm, hi/lo brightness, 1.52 cm green display, fast/slow time set. Size: 5.08 x 11.43 x 10.16 cm. 63-751 £13.95

## D. DUAL ALARM CALENDAR CLOCK

Unique "his" and "hers" alarm settings. Built-in memory stores alarm times in case of power failure. Time and alarm can be set forward or reverse. Red 1.78 cm LED display and hi/lo brightness. Requires 9V battery for memory back-up. Size: 6.35 x 16.51 x 8.89 cm. 63-775 £16.95

## E. FLUORESCENT-DIGIT CALENDAR ALARM

Bright green 1.52 cm digits, shows hours/minutes/month/date/AM/PM. Snooze control, 24 hour alarm, 5 second delay for power failure. Brushed aluminium front/simulated woodgrain top. 63-817 £17.95

## F. DIGITAL LED ALARM

Wakes you to a pleasant "beep" tone. Top-mounted alarm on/off and snooze bar. Display dimmer switch, PM indicator, and hidden pushbuttons for easy time and alarm set. Wake indicator shows alarm is on. 0.5" digits. 63-814 £12.95

## G. LED ALARM CLOCK

Low-cost, accurate time in a feature-loaded, compact size. 1.78 cm red display, 24-hour alarm - set it for night or day, snooze control for a few extra minutes of rest, PM and alarm 'on' indicators, and fast/slow time set. Size: 5.40 x 13.97 x 8.26 cm. 63-822 £12.00

## H. LED ALARM/SNOOZE

Our lowest-priced digital display time alarm. Distinctive styling and fit anywhere size. Features a 24-hour alarm that can be set to sound anytime, and for a few extra minutes of sleep - a snooze control. 1.78 cm red LED digits. Size: 5.40 x 13.97 x 7.62 cm. 63-824 £9.95

B £15<sup>95</sup>



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A £24<sup>95</sup>

NEW FOR 81 TANDY



C £13<sup>95</sup>

NEW FOR 81 TANDY



E £17<sup>95</sup>

NEW FOR 81 TANDY



NEW FOR 81 TANDY

## LCD QUARTZ TRAVEL ALARM

**£14<sup>95</sup>**

●24-Hour Alarm  
●AM and PM Indicators

Shows hours and minutes with quartz crystal accuracy. Snooze control, back-lit display, "pop-out" stand. Perfect for business trips and vacations. Includes vinyl carrying pouch, battery. Size: 4.93 x 6.83 x 0.95 cm. 63-701 £14.95

## CORDLESS QUARTZ WALL CLOCK

**£12<sup>95</sup>**

Operates up to one year on alkaline 'C' battery (not incl.). Dependable Quartz accuracy with analog design, features "Click-stop" second hand. Wall mounting or place on shelf. Size: 25.4 x 25.4 x 6.35 cm. 63-801 £12.95

NEW FOR 81 TANDY



# DESKTOP CALCULATORS FOR HOME OR WORK

## HAND HELD PRINTING/DISPLAY CALCULATOR & CASE



£59<sup>95</sup>

- Fully Portable
- Display Only or Print & Display!
- Includes mains Adaptor

**TANDY EC-3005.** Twelve digit display with floating decimal and overflow indicator. Two key roll-over, 6 level keyboard buffering, auto rounding. Constant, 4 key memory, square root, percent keys. With AC adaptor, roll of thermal paper, and case. Requires 4 'AA' batteries. **Size:** 4.44 x 8.89 x 17.14 cm. **65-648 £59.95** 3 Pack Thermal Paper **65-708 £1.79**

## PRINTING/DISPLAY CALCULATOR WITH 4 KEY MEMORY

£79<sup>95</sup>

- Tape Gives Lasting and Easy-to-Follow Record
- Brilliant 12-Digit Display



**TANDY EC-3002.** Combines the convenience of a big fluorescent display with a printed tape. Four-key dual memory lets you store calculations, then recall and use them again. Add register simplifies extensions and invoicing. Percent key and non-add key. With one roll of thermal paper. **Size:** 7.62 x 22.86 x 25.4 cm. **65-645 £79.95** 3 Pack of Thermal Paper **65-706 £1.99**

## DESKTOP FULLY PORTABLE 10 DIGIT LCD DISPLAY

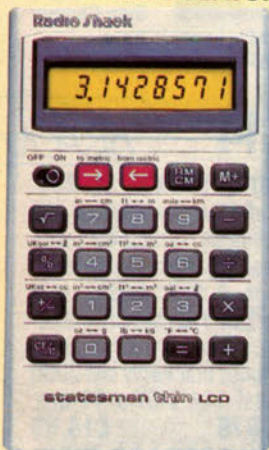
£24<sup>95</sup>

- Slant display for better visibility
- Gross profit key



**TANDY EC-2002.** Special features make it ideal for business or personal use. Four key memory lets you add and subtract within memory without affecting total. Percent and square root keys, floating or fixed decimal point. Requires 2 'AA' batteries for 3000 hours of use. Great value. **Size:** 3.17 x 13.81 x 16 cm. **65-661 £24.95**

## METRIC CONVERSION CALCULATOR



£17<sup>95</sup>

- 8 Digit LCD Display
- Convert Imperial to Metric Instantly

**TANDY EC-9800.** Performs 28 metric conversion functions (14 reversible) including in...cm lb...kg, F...C. Features independent memory, basic arithmetic operations plus percent and square roots. Includes batteries that last for 4000 hours! **Size:** 11.43 x 6.35 x 0.09 cm. **65-9800 £17.95**

## DESK CALCULATOR WITH MEMORY

£19<sup>95</sup>

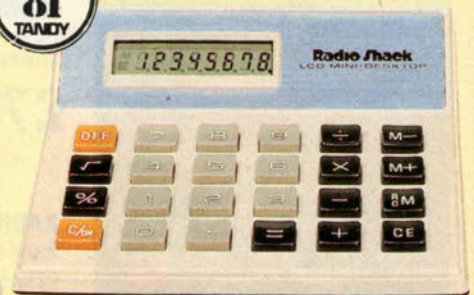


- 10-Digit Display
- Gross Profit Margin Key
- 4-Key Memory

**TANDY EC-2001.** Features % key to figure percent of change, item key, overflow indicator, negative and memory indicators. **Size:** 4.76 x 15.24 x 3.81 cm. Requires 2 'D' batteries. **65-660 £19.95** Mains Adaptor **14-9854 £3.95**

## ECONOMICAL LCD DESKTOP

Available October 31, 1980

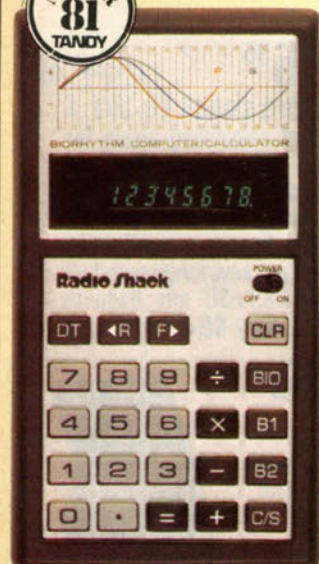


£12<sup>95</sup>

- Four Function Memory
- Percent and Square Root Keys

**TANDY EC-2003.** The smallest calculator with a Full Size Keyboard that we know of - Only 12 x 12 x 3.8 cm. Features 8 digit display, with automatic add-on and discount. Full floating decimal point. Requires 2 'AA' batteries. **65-662 £12.95**

# NOVELTY CALCULATORS FOR WORK AND PLAY - ONLY FROM TANDY



## "IT'S WRITTEN IN THE STARS!" ASTROLOGICAL COMPUTER

£24<sup>95</sup>

- 8 Digit Display
- Great Party Entertainment
- Handy Calculator

**RADIO SHACK EC 312.** Goes far beyond the ordinary newspaper horoscope. Just enter birthdate and it computes the position of the planets and their influence on that day. Compare personalities. Also gives daily horoscopes. Requires 2 'AA' batteries. **Size:** 11.74 x 7.30 x 2.22 cm. **65-801 £24.95**

Available September 30, 1980

## AMAZING BIORHYTHM COMPUTER/CALCULATOR

£19<sup>95</sup>

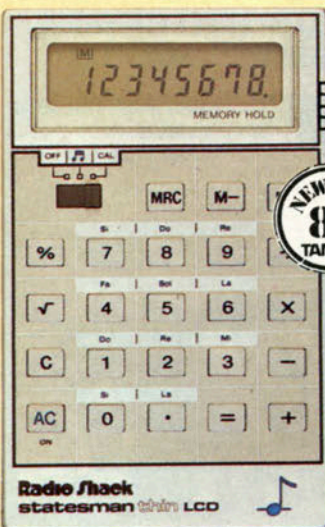
- Watch for 'Critical' Days
- Doubles as a 4-Function Calculator

**RADIO SHACK EC-314.** Charts physical, emotional and intellectual cycles—could even avoid an argument or catching a cold on a bad day. Compare cycles of friends. Calculates biorhythms for past, present, or future dates. Requires 2 'AA' batteries. **Size:** 13.34 x 7.30 x 2.22 cm. **65-802 £19.95**

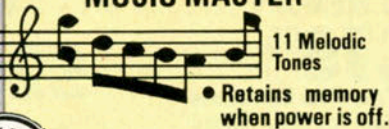
Available September 30, 1980



# TANDY CALCULATORS FOR EVERY POCKET OR PURSE



## MATHEMATICAL MUSIC MASTER



11 Melodic Tones

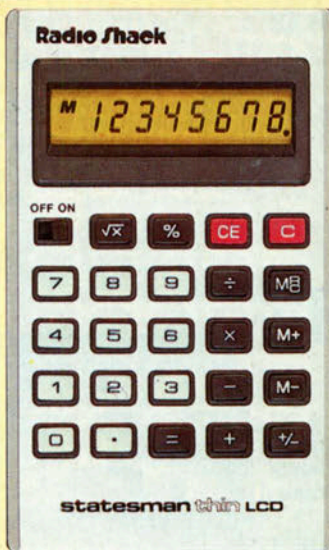
- Retains memory when power is off.

**NEW FOR 81 TANDY**

**£18<sup>95</sup>** **LCD DISPLAY**

**RADIO SHACK EC-310.** Play the numbers for mathematics and music. Create original compositions in mode with 11 melodic tones. Or switch to CAL mode for four basic functions, plus square-root and percentages. Includes batteries that last for 1500 hours. 98 x 74 x 4mm. **65-698 £18.95**

Available October 31, 1980



## CHEQUE-BOOK SIZE LCD CALCULATOR



- Memory, Percent and Square-Root Keys
- Less than 10 mm Thick

Includes handy pocket case

**£15<sup>95</sup>** **LCD DISPLAY**

**RADIO SHACK EC-258.** Now you can handle lengthy financial problems with ease. Calculator figure percentages, adds and subtracts in memory. Large 8-digit LCD display is easy to read even in direct sunlight. With silver oxide batteries that last for 1200 hours of operation. 105 x 63 x 10 mm. **65-626 £15.95**



## 8 DIGIT LCD CALCULATOR WITH MEMORY

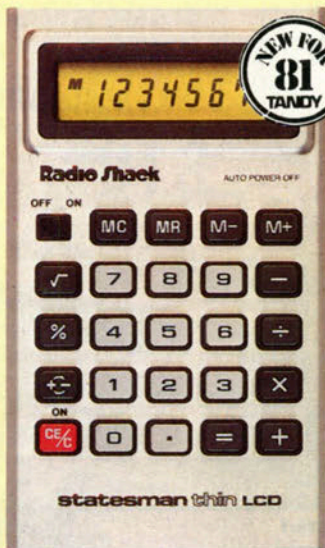


Includes Fitted Carrying Case

- Great for Home, School, Work
- Percent and Square-Root Keys
- Auto-Constant

**£7<sup>95</sup>** **LCD DISPLAY**

**RADIO SHACK EC-267.** Hand-held type, yet has an easy-to-read liquid crystal display! Features full 4-key memory, change-sign key, overflow, error and memory indicators. 104 x 70 x 10 mm. Requires 2 'AA' batteries. **65-674 £7.95**



## DELUXE LCD WITH 4 KEY MEMORY



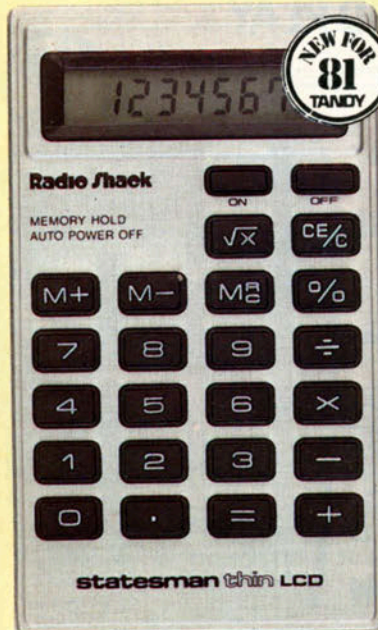
- Auto-Shutoff Saves Batteries
- Square-Root, Percentage and Sign Change Keys

Includes handy pocket case

**£14<sup>95</sup>** **LCD DISPLAY**

**RADIO SHACK EC-269.** Handle lengthy financial and arithmetic problems with ease. Big, easy-to-use keys. Large 8-digit display with overflow and memory indicators. Includes silver oxide batteries that easily last 2000 hours! 114 x 67 x 11 mm. **65-676 £14.95**

Available October 31, 1980



## MINIATURE LCD WITH MEMORY



Includes Fitted Carrying Case

- Auto-Shutoff Turns Calculator off after 7 minutes to save wear on batteries

**£9<sup>95</sup>** **LCD DISPLAY**

**Less than 5 mm Thin RADIO SHACK EC-268.** Simple-to-operate 3-key memory allows easy storage and recall of numbers. Percent, square root, division, multiplication and plus/minus functions plus keys for on/clear and off. Includes batteries for 1000-hour life. 101 x 59 x 4 mm. **65-675 £9.95**



## LOW-COST LCD DISPLAY



Slanted Display Allows Easy Reading of Digits

- Approximates Results in Excess of 8 Digits

Includes handy pocket case

**£5<sup>95</sup>** **LCD DISPLAY**

**RADIO SHACK EC-202.** A lot of calculating power for very little money. Has one touch percent key, total memory key plus division, multiplication, plus/minus keys and keys for clear and off. 114 x 63 x 30 mm. Requires 9v battery. **65-602 £5.95**

## TANDY CALCULATOR STAND

- Adjustable Angle

Keep your calculator immediately to hand with this adjustable stand. Non-slip feet. Ideal for desk top use. **65-705**



Not available in U.K.

# TANDY HAVE A CALCULATOR FOR EVERY NEED

**PALM SIZE  
LCD MICRO  
£12<sup>95</sup>**



LCD  
DISPLAY

Less than 5mm thick

**Mini in Size  
But Packed with  
Features You Need**

**TANDY EC-265.** Convenient 4-key memory lets you store and recall numbers with the push of a key. Percent, square root and plus/minus functions plus keys for on/clear and off. Includes silver oxide batteries for over 2000 hours of operation. **65-672 £12.95**



Includes fitted carrying case

## LCD CALCULATING TIMEPIECE



LCD  
DISPLAY

**£24<sup>95</sup>**

- Stopwatch is Quartz-Accurate to 1/10 Second
- 24-Hour Alarm
- 4-Key Addressable Memory

**TANDY EC-302.** A pocket information centre. Eight-digit calculator features constant, percent, add-on/discount and square root capability. Indicators for AM/PM, alarm-set stop-watch lap/stopped, minus, overflow. Includes batteries that last 5000 hours or more. **Size:** 6.35 x 9.52 x 0.04 cm. Includes case. **65-692 £24.95**

## LCD MINICARD ALARM CLOCK STOP-WATCH CALENDAR CALCULATOR

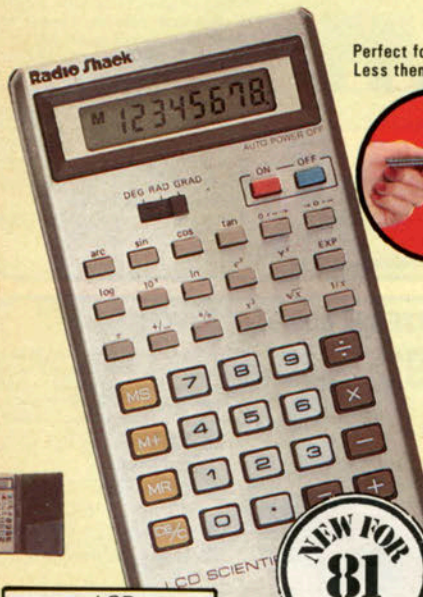


LCD  
DISPLAY

- LCD for Low Power Consumption
- ± 3 Seconds Per Day Accuracy
- 8000-Hour Battery Life
- 8-Digit Readout

**£15<sup>95</sup>**

**TANDY EC-305.** A calculator and clock in one pocket-sized case. Display reads hours, minutes, seconds and PM. Or press the AC key to calculate square roots, percents, reciprocals, exponential functions and plus/minus, multiplication and division plus time calculations. **Size:** 11.43 x 6.98 x 2.76 cm. Requires 2 'AA' batteries. **65-695 £15.95**



Perfect for Students  
Less than 5mm thick

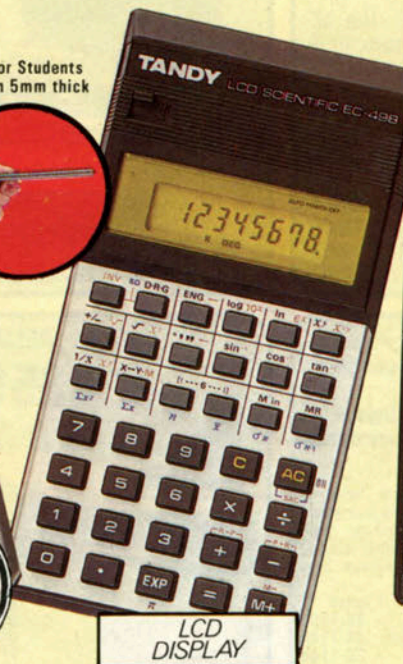


LCD  
DISPLAY



**LOW-COST LCD SCIENTIFIC  
£14<sup>95</sup>** • Independent Memory Register

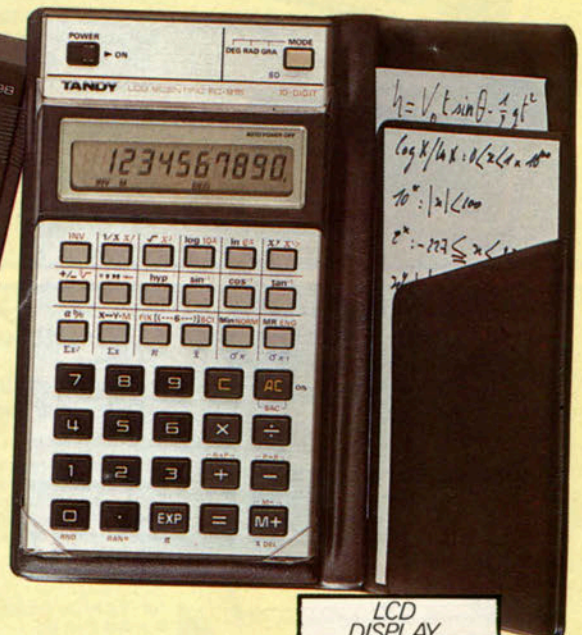
**TANDY EC-476.** The scientific calculator for students. Forty single-function keys make it really easy to use! Eight-digit display with 5-digit mantissa in scientific notation mode. Independent memory register, automatic constant operations plus degree/radian/grad switch for statistical functions. With 1000-hour batteries. **Size:** 12.7 x 6.98 x 0.09 cm. **65-656 £14.95**



LCD  
DISPLAY

**LCD SCIENTIFIC WITH MEMORY  
£19<sup>95</sup>** • 6 Digit Mantissa and 2 Digit Exponents

**TANDY EC-498.** Computes all trig and log functions plus their inverses. Eight-digits with automatic shift to scientific notation (6-digit mantissa and 2-digit exponent). Memory, Auto-Constant, Auto-Shutoff. Six levels of parenthesis and standard deviations. **Size:** 13.2 x 5.29 x 0.09 cm. Requires 2 'AA' batteries. **65-654 £19.95**



LCD  
DISPLAY

**FULL SCIENTIFIC LCD CALCULATOR  
£29<sup>95</sup>** • 10 Digit Mantissa or 8 Digit Mantissa with 2 Digit Exponent • Statistical and Scientific Functions • Direct Fraction Calculations

**TANDY EC-915.** Computes factorials, exponentials, summations, mean standard deviation to selectable precision. All log. and trig. functions, square roots, cube roots, reciprocals, and much more. Pi entry and scientific notation. Calculator turns itself off after 5 minutes of non-use, maintaining previous entry within memory. Up to 1000 hours use from 2 silver oxide batteries. **Size:** 7 x 71.5 x 132 mm. **65-9015 £29.95**

## EVEN LOWER PRICES ON TANDY'S TRS-80 MODEL I



- Completely wired and Ready to Operate
- Easy-to-Learn BASIC Computer Language
- Expandable at Any Time

From **£379**

The TRS-80 is today's market leader in micro's. Satisfied customers have applied the TRS-80 to their needs—whether it's balancing checkbooks, inventory control or education. Designed and manufactured in the USA by Tandy, TRS-80 is 100% wired and tested so you can run it immediately! Choose the basic Level I 4K system and expand it as your needs increase. Expansion is easy due to TRS-80's modular design. All systems include a 12" video monitor, Realistic battery/AC cassette recorder, 232-page user's manual and a 2-game cassette.

Level I 4K RAM	26-1001	£379.00
Level I 16K RAM	26-1003	£475.00
Level II 4K RAM	26-1004	£459.00
Level II 16K RAM	26-1006	£559.00
Model I System Cover	26-501	£ 5.95

TRS-80 The World's Most Popular Personal Computer

## ACCESSORIES TO MAKE YOUR TRS-80 EVEN MORE VERSATILE

### TRS-80 MODEL I CPU's

- Complete and Ready to Run from Your TV Monitor

16K LEVEL II



£439.00

4K LEVEL I



£289.00

A powerful Z-80 micro-processor serves as the Central Processing Unit for the TRS-80. The 4K level I CPU contains 4096 bytes of user memory. The 16K level II CPU has an additional 12K ROM. 16K level II incorporates a calculator style numeric keypad.

4K level I CPU	26-9051	£289.00
16K level II CPU	26-9056	£439.00

### 32K DISK SYSTEM

**£2114<sup>95</sup>**  
System

- Add Up to 4 Disk Drives to Your TRS-80
- Allows 55K to 310K Bytes of On-Line Storage



Immediate access to the large amounts of data and programs needed for accounting, inventory control and other jobs. Drive includes powerful TRSDOS and Disc BASIC on diskette.

TRS-80 16K RAM Level II System	26-1006
16K Expansion Interface	26-1141
Mini Disk Drive (0)	26-1160
Mini Disk Drive (1)	26-1161
Line Printer VI	26-1166
Cable to Expansion Interface	26-1401

### 32K WORD PROCESSOR SYSTEM

**£2644<sup>90</sup>**  
System

- Upper and Lower Case Letters
- Compose all kinds of Letters and Documents on Screen



Store often used reports, letters on Diskette. Features Automatic page readers, footers, paragraph indentations, justification. Global search finds specified words or phrases and replaces them with new words.

TRS-80 16K RAM Level II System	26-1006
16K Expansion Interface	26-1141
Mini Disk Drive (0)	26-1160
Mini Disk Drive (1)	26-1161
Daisy Wheel Printer	26-1158
Cable to Expansion Interface	26-1401
Lower Case Kit	26-1104

### DELUXE 48K BUSINESS SYSTEM

**£3590<sup>90</sup>**  
System

TRS-80 48K Business System. Ideal for many small business applications, as well as the smaller computing needs found within larger businesses. With 4 Disk storage and versatile Line Printer II for hard copy and documentation.



26-1006 TRS-80 16K RAM Level II System
26-1142 32K RAM Expansion Interface
26-1160 Mini Disk Drive (0)
26-1161 x3 Mini Disk Drives
26-4302 Line Printer Stand
26-1156 Bi-Directional Printer III
26-1401 Cable to Expansion Interface
26-1301 TRS-80 System Desk

- Line Printer Stand
- Increases Workspace

### GREEN SCREEN VIDEO MONITOR

**£99<sup>95</sup>**

New 12" Video Monitor with a new, improved green tube smoked filter for improved clarity.

26-9202 £99.95



### CTR-80 CASSETTE RECORDER

**£41<sup>95</sup>**

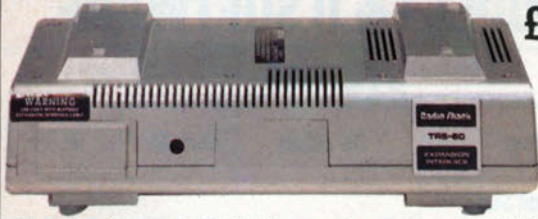
- Play and Store Your Own Programmes and data
- Range of Prepared Programmes Available

Realistic CTR-80 Battery/Mains Cassette Recorder. The specially adapted CTR-80 gives you immediate data storage. You can use one of the range of Tandy's prepared programmes or devise your own.

26-1205 £41.95



## TRS-80 EXPANSION INTERFACE



Price from  
**£199<sup>95</sup>**

The hub of expanded TRS-80 computer systems. The TRS-80 power supply module and an identical one for the interface fit inside the enclosure.

Expansion Interface	26-1140	£199.95
16K Expansion Interface	26-1141	£269.00
32K Expansion Interface	26-1142	£339.00
16K Expansion Interface 16K RAM upgrade	26-1102	£ 69.95

## MINI DISK SYSTEM

Connect up to 4 disk drives to one TRS-80 system. Allow 55K to 310K bytes of On-Line storage. The mini disk system can record or read stored information extremely fast. A 13,000 byte program which takes 3½ minutes to load from cassette (Level II) will load in less than 20 seconds from disk. You may read information one file after the other (sequentially), all go directly to any sector without reading the preceding files (random).



**£339**

Mini Disk Drive 0	£339.00
Mini Disk Drive 1, 2 or 3	£319.00
26-1161	
Mini Disk Drive Dust Cover 26-502	£3.99

## 16K RAM UPGRADE WITH NUMERIC KEY PAD

As your needs increase, you need additional internal memory in which to store program and working data. 16K memory kits can be added to the 4K TRS-80 keyboard and also the expansion interface to give system totals of 16, 32 or even 48K. Installed by Tandy. 26-1101 **£99.90**

Prices includes installation.

### LEVEL II ROM UPGRADE

Price includes installation. More powerful than Level I. The additional features of Level II include print formatting and string functions. With 140 page manual, game and conversation tapes for Level I to Level II format. 26-1120 **£83.95**



### NUMERIC KEY PAD UNIT

Keys for numerals 0-9, designed point and enter. Price includes illustration, new keyboard bezel. No cutting required. 26-1103 **£33.95**



## BLANK MINI DISKETTE

Tandy's mini diskettes are perfect for use with mini disk system. Each diskette is individually certified against defects and designed to meet TRS-80 standards. Extensive testing assures 100% capability. 26-305 **£2.99**

### BLANK MINI DISKETTES

Pack of 3 TRS-80 disks. 26-405 **£8.95**

### DOS MINI DISKS

Blank disks formatting with DOS. 26-310 **£10.95**

### CLEANING DISK

5" disk for cleaning disk drive unit. 26-9508 **£19.95**

## DELUXE BULK ERASER



### • Quick and Easy To Operate. **£32<sup>95</sup>**

Completely erases tapes and diskettes in seconds! Safe to operate with built-in thermal safety device. With 2.5 m mains cable. Pushbutton operation. 26-4305 **£32.95**

## TRS-80 SYSTEM DESK

**£119<sup>95</sup>**

Designed for TRS-80 systems. Keyboards and Expansion Interface fit into top. Shelf unit below stores up to four mini disk drives. 26-1301 **£119.95**



## SPACE-SAVER DESK

Holds TRS-80 and accessories with ample work space. 26-1304 **£59.95**

## PRINTER INTERFACE CABLES



Adds complete copy system without Expansion Interface. 26-1411 **£39.95**  
Line Printer II Interface Cable. 26-1416 **£39.95**

## LOWER CASE UPGRADE

**£29<sup>95</sup>**

### • Price Includes Installation.

Upper/Lower case package completes your word processing system. Adapts your TRS-80 Level II to display and print upper and lower case with true descenders below the line.

## VIDEO/PROGRAM WORKSHEETS

**£1<sup>99</sup>**

For designing graphics or print locations. Each pack contains two pads of 50 two-sided sheets. 26-2105 **£1.99**



## SPEECH SYNTHESIZER

**£299**

• Program your TRS-80 to speak. Adds capability of simulated speech, to Level I or II (16K RAM preferred). Built in speaker, volume control, demonstration cassette, manual and cable. 26-1180

Requires mains adaptor.

## TRS-80 VOICE RECOGNITION

**£119<sup>95</sup>**

Experiment with "voice recognition" on your TRS-80. Speak into a microphone and you can program your TRS-80 to respond to your spoken words. Level II required. 26-1181 **£119.95**



Requires mains adaptor.

## SYSTEM CARRY CASE

**£69<sup>95</sup>**

One case holds the video monitor, the other holds the keyboard unit, power supply, cassette recorder, cables and cassettes. Black molded vinyl. 26-500 **£69.95**



## DISK STORAGE BOX

**£14<sup>95</sup>**

Static-free design protects up to 50 mini-diskettes. Adaptable to hold cassette tapes. Boxes are stackable. 26-1450 **£14.95**



## DISKETTE CASE

**£1<sup>99</sup>**

Holds up to 10 Diskettes. Durable moulded body. 26-1452 **£1.99**



## NETWORK I CONTROLLER



**£349<sup>00</sup>**

• The Latest Classroom Breakthrough In TRS-80 Instruction!  
The Network I Controller lets teachers control and monitor up to 16 TRS-80s from a TRS-80 equipped with at least one mini-disk drive. All TRS-80s should have resident Level II BASIC. Controllers may be cascaded to connect more than 16 students. Cables included. 26-1210 **£349.00**

## C-20 LEADERLESS CASSETTES

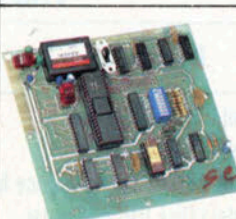
**£14<sup>9</sup>**

Individually tested double density cassette tapes for program and data storage. Certified leaderless, give 10 minutes playing time each side. 26-301 **£14.9**



## RS-232C SERIAL INTERFACE

Mounts inside Expansion Interface. Connecting cable, tape program for using TRS-80 as a terminal. 26-1145 **£79.95**



## RS-232C COMMUNICATIONS SOFTWARE

Compac, host and term programs. Requires 16K Level II. 26-1146 **£24.95**

## TRS-80 PRINTER PAPER



**2 PACKS OF P2 PAPER**  
Only suitable for P2 Quick Printer. 2 rolls of paper. 26-1412 **£3.99**  
**LINE PRINTER PAPER**  
Roll paper suitable for Line Printers, I and II. 26-9302 **£1.99**  
**PI MICROPRINTER PAPER**  
Paper designed for PI microprinter. 26-9303 **£4.95**  
**INTERFOLD PAPER**  
Multi-rule lishing paper for all 14½" tractor feed printers. Size 11" x 14½". 26-9306 **£21.95**  
**FANFOLD PAPER**  
Suitable for any printer with a tractor feed. Size 11" x 9½". 26-1403 **£19.95**  
**CONTINUOUS SELF ADHESIVE LABELS**  
6000 per box, 3 per page. Size 2¾" x 1½". 26-9305 **£29.95**

## RADIO SHACK'S LIBRARY OF TRS-80 MODEL I & II SOFTWARE



### BUSINESS

Program	Requires	Cat. No.	Price
Cassette Mailing List	I	26-1503	£ 19.50
Scripsit/Cassette	II	26-1505	£ 39.95
General Ledger I	Disk	26-1552	£ 69.95
Inventory Control	Disk	26-1553	£ 69.95
Concrete Take-Off	Disk	26-1557	£119.95
Manufacturing Inventory Control	Disk	26-1559	£119.95
Profile	Disk	26-1562	£ 49.95
Scripsit/Disk	Disk	26-1563	£ 69.95
Real Estate I	II	26-1571	£ 19.95
Real Estate II	II	26-1572	£ 19.95
Real Estate III	II	26-1573	£ 19.95
Real Estate IV	II	26-1574	£ 19.95
Workstudy	II	26-9506	£ 42.95
Payroll	Disk	26-9507	£249.00
Stock Control	Disk	26-9510	£259.00
Sales Ledger	Disk	26-9511	£259.00
Invoicing	Disk (4)	26-9512	£ 79.00
Purchase Ledger	Disk	26-9513	£259.00
Tandy Mail	Disk	26-9515	£ 89.95
Nominal Ledger	Disk	26-9516	£259.00
Microfiles	Disk	26-1565	£ 59.95

### EDUCATION

Program	Requires	Cat. No.	Price
Maths I, Level I	I	26-1701	£ 15.95
Algebra I, Level I	I	26-1702	£ 17.95
Advanced Statistical Analysis	II, Disk	26-1705	£ 29.95
Algebra, Level II	II	26-1707	£ 29.95
Show and Spell	II	26-1712	£ 17.95
K-8 Maths	II	26-1715	£ 99.95
Basic Course (Teacher)	N/A	26-2150	£ 99.95
Basic Course (Student)	N/A	26-2151	£ 52.95
Coreplan II/Disk	Disk	26-9514	£ 79.95
Level I Course	I	26-2003	£ 7.95
Level II Course	II	26-2005	£ 8.95
Level II Course Advanced	II	26-2006	£ 11.95
Disk Basic Course	Disk	26-2007	£ 15.95

### LANGUAGES

Program	Requires	Cat. No.	Price
Tape Editor/Assembler	II-Model I Only	26-2002	£ 24.95
FORTRAN	Disk-Mod. I Only	26-2201	£ 69.95
Macro Editor/Assembler	Disk-Mod. I Only	26-2202	£ 69.95

### UTILITIES

Program	Requires	Cat. No.	Price
Double Precision Sub-routines	II	26-1704	£ 7.99
T-Bug	I, II-Mod. I Only	26-2001	£ 11.95
Renumber	II	26-2004	£ 5.95



### GAMES

Program	Requires	Cat. No.	Price
Quick Watson	I, II	26-1802	£ 3.29
Level I Games Pack	I	26-1805	£ 14.95
Casino Games Pack	II	26-1806	£ 14.95
Microchess	I, II	26-1901	£ 11.95
Micro Music	I, II	26-1902	£ 5.95
Micro Movie	I, II	26-1903	£ 5.95
Micro Marquee	I, II	26-1904	£ 3.29
Flying Saucer	I, II	26-1905	£ 5.95
Invasion Force	I, II	26-1906	£ 11.95
Checkers 80	II	26-1907	£ 6.95
Pyramid	I, II	26-1909	£ 9.95
Haunted House	I, II	26-1910	£ 7.95
Dancing Demon	II	26-1911	£ 5.95
Space Warp	II	26-1912	£ 7.99

### PERSONAL

Program	Requires	Cat. No.	Price
Budget Management	II	26-1603	£ 19.95
Versafile	Disk	26-1604	£ 19.95
Statistical Analysis Level I	I	26-1703	£ 22.95
Coreplan	II	26-9504	£ 39.95
In Memory Program	II	26-1502	£ 16.95

### COMMUNICATION

Program	Requires	Cat. No.	Price
Communications Tape	II	26-1146	£ 24.95

#### PROGRAM REQUIREMENTS LEGEND:

● I = 4K Level I System ● II = 16K Level II ● DISK = 32K, 2 Disk System

### TRS-80 MANUALS

Description	Cat. No.	Price
Level II Users Manual	26-2016	£ 3.95
Level I Users Manual	26-2102	£ 4.95
Model I Technical Reference Manual	26-2103	£ 5.95
Model I Disk Basic Manual	26-2104	£ 5.25



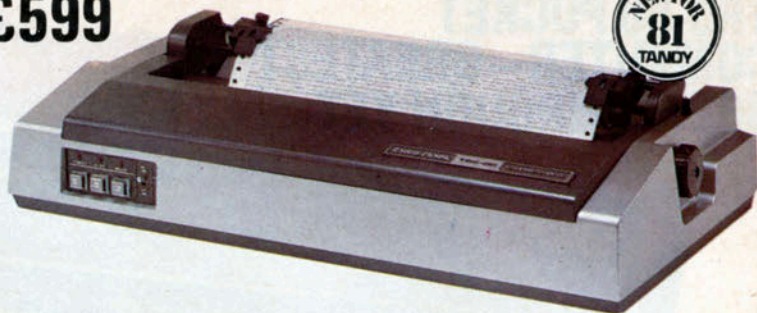
# TRS-80's WIDE CHOICE OF OUTSTANDING PRINTERS



**NEW FOR 81 TANDY**

Micro Line Printer  
**£549**

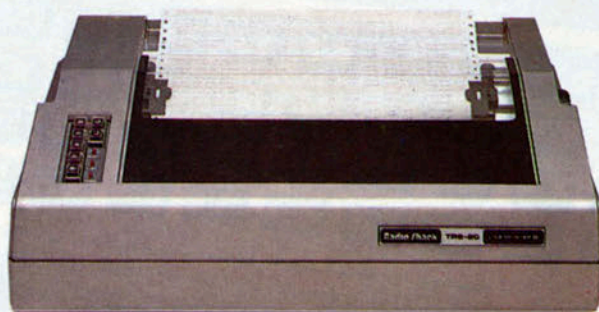
Line Printer VI  
**£599**



**NEW FOR 81 TANDY**



Quick Printer II  
**£169<sup>95</sup>**



Line Printer III  
**£1150**

## MICROLINE 80

An extremely versatile 9 x 7 Dot Impact Printer. Features 64 Alpha Characters; 32 lower case English letters and symbols and 64 graphic symbols. Selectable line spacing of 6 lines per inch or 8 lines per inch. Character to character spacing: 0.200", 0.100", 0.061" selectable. Print speeds are 28 lines per minute at 80 characters per line or 51 lines per minute at 40 characters per line. 26-7018 optional Form Tractor. **26-7017 £549.00**

- 26-7101** Printer Ribbon **£3.99**
- 26-9302** Paper. **£5.95**
- 26-1403** Fan-fold Paper **£19.95**

## QUICK PRINTER II.

The printer everyone can afford! Prints two 32-column lines per second with full "wrap-around" on 2 3/8" wide aluminium-coated paper. Software selectable upper and lower case plus expanded letters. Connects directly to all Level II TRS-80s. Also contains parallel and RS-232 interfaces. **26-1155 £169.95**

## LINE PRINTER III

Designed for heavy business use. Bidirectional 9 x 7 dot-matrix head prints upper and lower case characters as well as numbers at a speedy 120 characters per second! Adjustable line feed increments for accurate printing on pre-printed forms such as cheques. Tractor mechanism will handle any fan-fold computer paper up to 15" wide! An excellent printer at an excellent price. **26-1156 £1150**

- 26-505** Cover **£2.99**
- 26-9306** Paper. **£21.95**
- 26-1401** Cable. Model I **£29.95**
- 26-4401** Cable Model II **£29.95**
- 26-1414** Ribbon Cartridge. **£12.95**

## LINE PRINTER VI

A tremendous value, this printer includes many outstanding features! It prints full upper and lower case characters plus graphic characters and special symbols that come in handy. The bidirectional 9 x 7 printhead operates at 100 characters per second. Uses 4" to 15" fan-fold, roll or single-sheet paper. There's even a complete, built-in character self-test. Removable, adjustable forms tractor included. **26-1166 £599**

- 26-9306** Fan-fold Paper. **£21.95**
- 26-1401** Cable Model I **£29.95**
- 26-4401** Cable Model II **£29.95**
- 26-1418** Ribbon Cartridge. **£6.95**

## PLOTTER/PRINTER



**NEW FOR 81 TANDY**

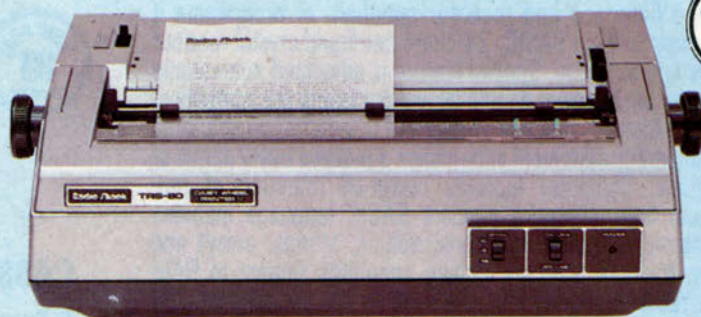
**£649**

- Quality Printing!
- Quick Plotting!

Multidirectional printing lets you plot graphs 5 feet tall if you like! Plots of circular functions are a snap! Use it as your line printer, too. Easily prints a normal upper case character set. Average print speed is 10 characters per second on 7 1/2" lines. (Available 12/80).

- 26-1190** **£649.00**
- 26-1401** Cable Model I **£29.95**
- 26-4401** Cable Model II **£29.95**
- 26-1407** Paper. **£2.99**

## WORD-PROCESSING QUALITY DAISY WHEEL PRINTER II



**NEW FOR 81 TANDY**

**£1099**

- Electric Typewriter Quality.
- Ideal for Use with SCRIPSIT.

The Features and Quality You Need for Word-Processing Applications! Daisy Wheel II. High-speed interchangeable character-wheel and carbon multi-strike ribbon give you the results you need for business word-processing use! Select 10 or 12 pitch, or proportional spacing, and print up to 163 characters per 13.6" line at 43 characters per second. A pinchfeed roller takes any paper size from 4" to 14 1/2" fan-fold or single sheets with up to two carbons. **26-1158 £1099**

- Cable Model I **26-1401 £29.95**
- Cable Model II **26-4401 £29.95**
- Form Tractor Feed Conversion **26-1446 £159.00**
- Courier Daisy Wheel **26-1420 £14.95**
- Elite Daisy Wheel **26-1421 £14.95**
- Madeleine Daisy Wheel **26-1422 £14.95**
- Ribbon 3 Pack **26-1419 £11.95**

**IMPORTANT:** Printers require a cable, not supplied. Ask your nearby Tandy store for the type needed. Some computer equipment may require Special Order.

# TRS-80

## TRS-80 POCKET COMPUTER — GREATEST BREAKTHROUGH YET



**This Is Its Actual Size! Computer Power That Once Filled a Room Can Now Be Carried in Your Pocket!**

- Programs in BASIC
- "QWERTY" Alphabetic Keyboard
- 1.9K Random Access Memory
- Long Battery Life

**£119<sup>00</sup>**

**TRS-80 POCKET COMPUTER** brings yesterday's science fiction to life at an amazingly low price! Today's advanced technology can always be within your reach to give you the answers you need for fast decision-making! It's easy to load with ready-to-run software from cassette tape (interface and recorder optional), or programme it yourself in easy-to-learn BASIC. 24-character liquid crystal readout displays one line at a time. Special feature is advanced non-volatile memory allows you to power on and off without losing the contents of memory. Note: Memory must be transferred to tape before changing batteries. Automatic statement compaction squeezes every ounce of memory space. Computer features power-off retention of programmes and data. Powerful resident BASIC language includes multiple statements, math functions, editing, strings, arrays and much more. Multiple program loading capability subject to RAM availability. You'll constantly find new uses for the pocket computer as you make it a part of your lifestyle! Carrying case and batteries included. **26-3501** **£119.00**



### POCKET COMPUTER ACCESSORIES FOR TAPE PROGRAMS



#### CASSETTE INTERFACE

- Economical to Run on Standard Cassette Tape
- Compact Size and Modular Design

**£17<sup>95</sup>**

Cassette Interface. Load and save Pocket Computer programs and data on cassette tapes. Modular design interlocks with Pocket Computer. Requires 3 "AA" batteries. Works with Minisette-9 recorder. **26-3503** **£17.95**

#### MINISETTE-9 RECORDER

**£49<sup>95</sup>**

No bigger than a small book, but loaded with features. Auto-Level, Auto-Stop, pause control, 3-digit counter, LED record/battery indicator, built-in mike. Fits in a briefcase. **Size:** 3.33 x 18.26 x 11.59 cm. Requires 4 "AA" batteries or external AC, DC adapter. **14-812** **£49.95**

Program	Cat. No.	Each
Real Estate	26-3510	£13.95
Civil Engineering	26-3511	£13.95
Aviation	26-3513	£13.95
Math Drill	26-3514	£ 8.95
Games I	26-3515	£ 8.95
Business Statistics	26-3516	£10.95
Business Financial	26-3517	£10.95
Personal Financial	26-3518	£10.95

## TRS-80 MODEL II —

### BEST BUY IN A BUSINESS MICROCOMPUTER!

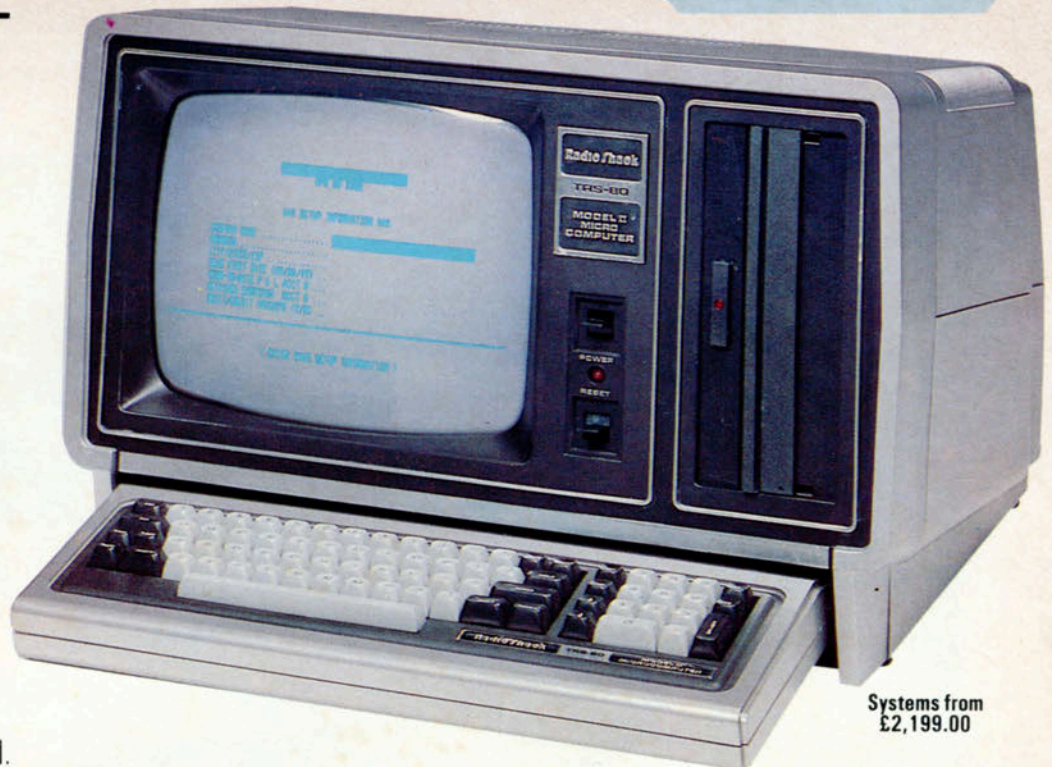
You Can Own Our Top-of-the-Line For an Unbelievably Low Price!

Our Features Start Where Other Computers Finish!

- 32 or 64 Thousand Character Internal Memory
- Built-In 8" Double-Density Disk Drive
- Growing Library of Powerful Application Software

**MODEL II.** Enough data handling power for small businesses and features of computers selling for twice the price. Buy with either 32 or 64 thousand characters of internal memory and a central processor that operates at twice the speed of Model I.

File 416 thousand characters of records and programs on interchangeable floppy diskettes using built-in 8" video monitor. Quality lower-case characters. Future expansion is easy. Powerful application software like General Ledger, Accounts Receivable, Scripsit Word Processing and languages like COBOL and FORTRAN. Includes Model II BASIC, TRSDOS and Operating Manual.



Systems from £2,199.00

32K, 1-Disk TRS-80 Model II.  
64K, 1-Disk TRS-80 Model II.

26-4001 £2,199.00  
26-4002 £2,499.00

32K, Memory Board.  
Model II System Cover.

26-4102 £ 343.85  
26-4051 £ 3.49

### TRS-80 MODEL II SOFTWARE

Purchase Ledger	26-9517	£429.00
Sales Ledger	26-9518	£429.00
Pay Roll	26-9519	£429.00
Stock Control	26-9520	£429.00
Nominal Ledger	26-9521	£429.00
Invoicing*	26-9522	£115.00
*Used with 9517/8/20/21		
!General Ledger	26-4501	£129.95
!Inventory Management Control	26-4502	£129.95

!Software From USA  
Fortran\*  
Cobol Development PKGE\*  
Cobol Run PKGE/Use With\*  
Assembler\*  
Scripsit (word processor)\*  
Text Editor\*

26-4701 £159.95  
26-4703 £159.95  
26-4704 £ 24.95  
26-4702 £109.95  
26-4530 £159.95  
26-4710 £ 49.95

\*Due in November 80.



3 Disk System Illustrated.

### DISK EXPANSION SYSTEMS

Prices from £899

Plugs into Model II to provide up to 1.5 million extra characters of storage!

1-Drive System.	26-4160	£ 899.00
2-Drive System.	26-4161	£1,349.00
3-Drive System.	26-4162	£1,799.00
Disk Drive Kit.	26-4163	£ 458.85
Communication Cable.	26-4403	£ 29.95

### MODEL II SYSTEM DESK

- Stylish Durable Design

Designed especially for Model II. Large drawer with centre divider stores diskettes and more. It mounts under the top or can be lowered and disk unit placed above.  
26-4301 £299.95



£299<sup>95</sup>

Versatile Modular Design



### QUALITY 8" DISKETTES

Tandy's blank 8" diskettes for the Model II are designed to meet our high quality control standards. Individually tested to insure reliability.  
10 pack 8" Diskettes 26-4906 £49.95

£49<sup>95</sup>

### 8" CLEANING DISK

Cleans Disk Drive Head. Reduces I.O. errors caused by dirty read heads.  
26-9509 £19.95

£19<sup>95</sup>

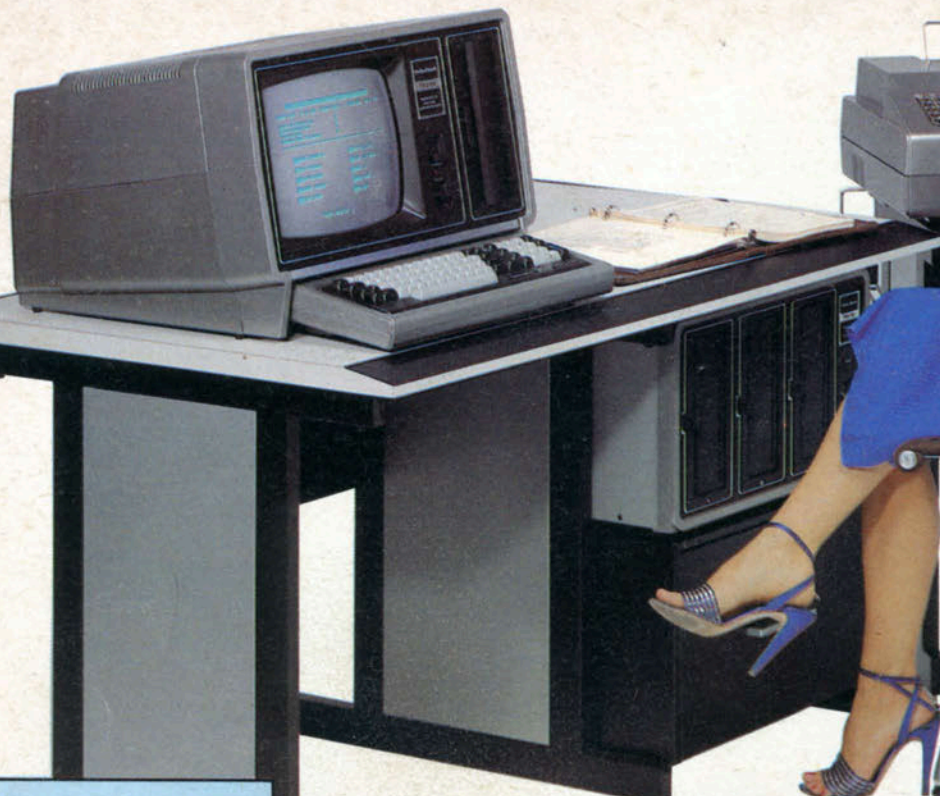
### MODEL II OWNER'S MANUAL

Comprehensive operators, system and BASIC reference manual. 26-4920

£19<sup>95</sup>

# TRS-80

## TANDY'S SECOND COMPUTER BREAKTHROUGH



### Model II Means Business!

- Priced far below competition!
- Designed for business needs!
- Business software available now!
- Expandable: 32K or 64K RAM and 500K to 2-million bytes storage!

26-4002	64K MOD II.	£2,499.00	26-4302	L/Printer Stand.	£ 99.95
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