

Roadstar[®]
AUDIO VIDEO

**5,6" (14 CM) TFT-LCD COLOUR
TELEVISION / MONITOR WITH
90 MEMORIES AND REMOTE CONTROL**

LCD-5604TFT

Instruction manual

Bedienungsanleitung

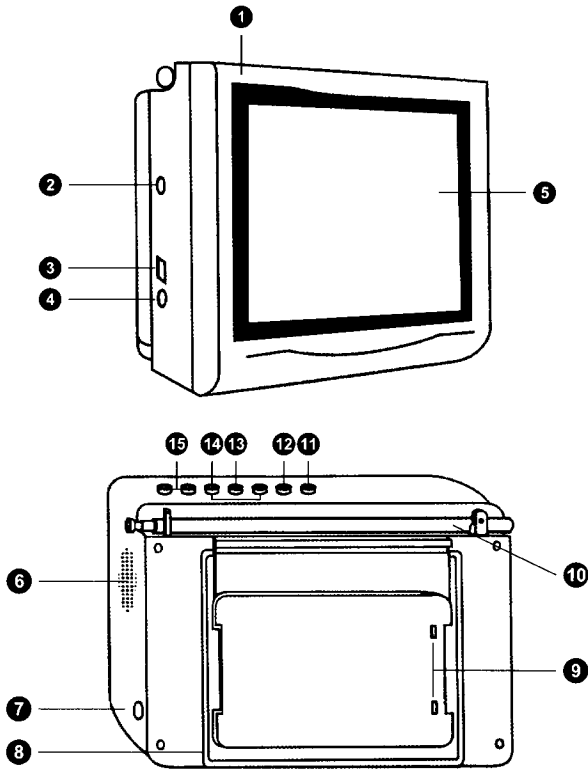
Manuel d'instructions

Manuale d'istruzioni

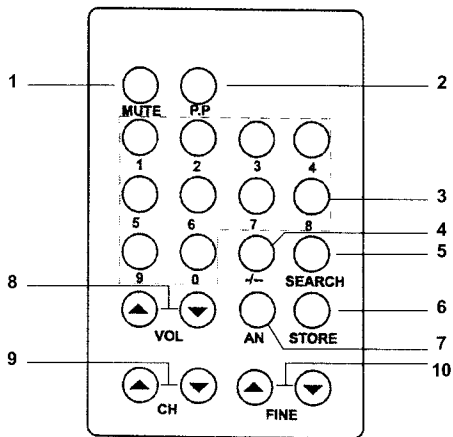
Manual de instrucciones



LCD-5604TFT



REMOTE CONTROL



WARNINGS



The exclamation point within the triangle is a warning sign alerting the user of important instructions accompanying the product.



The lightening flash with arrowhead symbol within the triangle is a warning sign alerting the user of "dangerous voltage" inside the unit.



To reduce the risk of electric shock, do not remove the cover. No user serviceable parts inside the unit. Refer all servicing to qualified personnel.

230v~

This unit operates on 12V/230V ~ 50Hz. If the unit is not used for a long period of time, remove the plug from the AC mains.



This unit must not be exposed to moisture or rain. During heavy rains with lightnings unplug TV from mains.



The power switch in this unit is mounted on the secondary circuit and does not disconnect the whole unit from the mains in OFF position.



Ensure all connections are properly made before operating the unit.



This unit should be positioned so that it is properly ventilated. Avoid placing it, for example, close to curtains, on the carpet or in a built-in installation such as a bookcase.



Do not expose this unit to direct sunlight or heat radiating sources.



Make sure all batteries are inserted according to the proper polarity. Do not mix old batteries with new ones.



If the unit is not used for a long period of time (more than 1 month), remove all batteries from their compartment to avoid possible leaking.

LCD-5604TFT

5.6 inch (14 cm) TFT-LCD Colour TV/Monitor with 90 memories and Remote Control.

FUNCTIONS AND CONTROLS

1. REMOTE SENSOR
2. A/V IN JACK
3. POWER SWITCH
4. DC 12V IN
5. TFT-LCD DISPLAY
6. SPEAKER
7. EARPHONE JACK
8. SET STAND
9. EXTERNAL BATTERY POWER CONTACTS
10. ROD ANTENNA
11. AUTO TUNING BUTTON
12. CLEAR BUTTON
13. CONTROL SELECTION BUTTON (VOLUME, BRIGHTNESS, COLOR, CONTRAST)
14. ADJUSTING BUTTONS (VOLUME, BRIGHTNESS, COLOR, CONTRAST)
15. CHANNEL SELECTION BUTTON

REMOTE CONTROL

1. MUTE BUTTON
2. PREFERENTIAL PICTURE SETTINGS BUTTON
3. NUMERIC KEYS
4. ONE OR TWO-DIGIT CHANNEL SELECTION
5. SEARCH (TUNING) BUTTON
6. STORE BUTTON
7. ANALOG BUTTON (CONTROLS SELECTION)
8. ADJUSTING BUTTON (VOLUME, BRIGHTNESS, COLOR, CONTRAST)
9. CHANNEL SELECTION BUTTONS
10. FINE TUNING BUTTONS

Battery Installation:

1. Open the Battery drawer by pulling it out.
2. Insert a CR2025 Lithium battery in the Battery drawer.
3. Close the Battery drawer.

Operation:

Aim the Remote Control to the Remote Sensor (1) on the unit.
Maximum operation Range: 5 m.

POWER SUPPLY**Mains operation with PowerAdapter**

For use with 230V AC house current, plug the AC/DC cable of the Power Adaptor (supplied) to the 12V IN jack (4) and the Power Adaptor to a 230V AC wall outlet. Move the Main Power switch (3) to ON.

Car battery operation

The car cigarette lighter adaptor cable (supplied) is useable with this unit for direct use in any 12V negative ground vehicle. Simply insert the small plug of the cable into the matching DC jack (4) on the side of the unit and the other end into the cigarette lighter of the vehicle. The unit can operate between 11 and 15 V DC.

Operation with external Battery Pack

1. Open the Battery Pack (supplied) by unscrewing the small black screw and sliding the battery pack door on the side.
2. Insert **10 pcs UM-3 (AA) rechargeable batteries (Ni-MH recommended)**. Make sure the polarity of the batteries are correct. Close the Battery Pack.
3. Slide the Battery Pack from the top to fix it to the rear of the unit.
4. Plug the AC/DC cable of the Power Adapter (supplied) to the 12V IN jack (4) and the Power Adaptor to a 230V AC wall outlet.
5. The rechargeable batteries will be charged by the built-in charging circuit when the AC adapter is connected to 230V.
Do not charge longer than 12 hours (normal charge = 6 hours).

ATTENTION: WHEN USING NORMAL (DRY) BATTERIES (NOT-RECHARGEABLE), DO NOT CONNECT THE CAR BATTERY ADAPTER OR THE AC/DC POWER ADAPTER.

NOT FOLLOWING THIS INSTRUCTION CAN CAUSE THE BATTERIES TO EXPLODE!

DETACH THE BATTERY PACK WHEN USING THE UNIT WITH THE CAR BATTERY CABLE OR THE POWER ADAPTER 230/12V.

INSTALLING & OPERATING INSTRUCTION

1. Plug the power cord of the AC/DC adapter (included) one end to the DC 12V IN (4) on the unit and the other end to the 230V outlet.
2. Move the POWER SWITCH (3) to ON to turn on your TV.
3. Pull out the ROD ANTENNA (10) easily and adjust the angle / heading to the best position to receive TV signals.
4. Press the AUTO Button (11) to start Automatic Tuning (VHF-1>VHF-3> UHF Bands) and the memorization (max. 90 stations) of the receiveable channels. You can skip a Band by keeping the AUTO Button pressed for 3 seconds.
To stop Auto-Tuning process press the CH - / + Buttons (15).
5. Once all the Bands have been scanned, gently press the CH - / + Buttons (15) to select a TV channel. You can also press the Numeric keys (3) on the Remote Control.
6. Adjust VOLUME / BRIGHTNESS/ COLOUR/ CONTRAST by first selecting the desired Function with the ANALOG Button (13) and then adjusting with the V- and V+ Buttons (14) to best condition.
The Volume can be adjusted directly by pressing the V- and V+ Buttons (14).
7. Insert an earphone (not supplied) in the Earphone socket (7) for private listening.
8. To turn Off the unit, move the POWER SWITCH (3) to OFF.

MANUAL SEARCH FUNCTION (only on Remote Control)

1. Press shortly the SEARCH button (5) on the remote Control. The screen colour bar will move to the right (towards higher channel). When best picture and sound are caught, the scanning operation is stopped. Press STORE (6) and then enter the channel number on which you would like the station to be stored. Press STORE again to confirm.
If you did not receive the desired channel press the Search button again.
2. Repeat step 1 to preset another programme number.

MANUAL FINE TUNING

Normally the best picture is obtained automatically. However under unusual conditions such as weak signal, inadequate antenna system or strong adjacent channel interference, the Manual Fine Tuning may provide a better picture.

Each channel can be adjusted manually as follows:

1. Select the desired programme number by pressing the Channel +/- buttons (15) or using the direct channel select buttons (3) on the Remote control.
2. Press and hold down the FINE buttons (10) on the Remote Control to adjust the tuning
 - ▲ to Fine Tune UP
 - ▼ to Fine Tune DOWN
3. Press STORE (6) and then the channel number where you want to store the station. Press STORE again to confirm.

MUTE FUNCTION

The Mute button (1) on the Remote Control allows the muting of the sound. When pressed, a symbol of a speaker followed by an "X" appears on the display. Press Mute again to get sound again.

PREFERENCIAL PICTURE

You can adjust and store settings for Volume, Brightness, Colour, Contrast, to be recalled every time when switching on the unit or by pressing the P.P button (2) on the Remote Control.

First adjust Volume, Brightness, Colour and Contrast values, then press STORE (6) (appears in red), then the P.P button and finally STORE again (becomes green).

CLEARING UNWANTED CHANNELS

1. To Cancel a Station which has been stored, press the CLEAR Button (12) on the unit. The "CLEAR _" indication will appear in red colour on the display.
2. Using the CH +/- Buttons insert the Channel number which must be skipped.
3. Press the CLEAR Button again. The indication will turn green to confirm.
4. The Cleared Program number will not appear when using the CH +/- Buttons.

MONITOR OPERATIONS

1. To use the unit as a colour monitor, to see images coming from a VCR or a video-camera, connect the A/V cable (included) in the A/V IN jack (2) on the side of the unit. The unit will switch to AV mode automatically.
2. Move the Power switch (3) to ON to turn on the unit.

3. Press the Volume Controls V +/- (14) on the TV to adjust volume to desired level.
4. To turn Off the unit, press the POWER button (3).

ACCESSORIES

- Battery pack (without batteries)
- AC/DC Adaptor
- Car Adapter
- AV RCA Cable

IMPORTANT SAFEGUARDS

Avoid places with excessive humidity or near water or touching the TV set with wet hands.

Avoid places with extremely high or low temperatures, dust, or subject to excessive sunlight, in a vehicle also.

Avoid applying strong shocks to the set.

Do not use any chemical solvent (alcohol, benzine, thinner, etc.) for cleaning the TV set.

Do not disassemble or alter the TV set.

TROUBLE-SHOOTING

SYMPTOMS AND POSSIBLE CAUSES

A) No picture, No sound

- Check Power cord connection
- Switch Power to ON

B) Good picture, No sound

- Press Volume + button
- Check if Mute function is inserted. In case press Mute button again

C) No picture, Good sound

- Adjust brightness control

D) No colour

- Adjust the colour control
- Check the Tuning with FINE Tuning

E) Snowy picture, Noisy sound

- Check and move the antenna

F) Dotted line or stripes

- This may be caused by local interference (e.g. cars, neon signs, hair dryers, etc)
- Adjust the antenna for minimum interference

G) Double images or 'Ghosts'

- This may be caused by reflections from nearby mountains or buildings.

H) Remote control malfunction or reduction in operating distance

- Check battery terminals or replace batteries
- Clean indicator window (remote sensor) (1)

SPECIFICATIONS

SCREEN TYPE	LCD-TFT
SCREEN SIZE	14CM (5.6")
TELEVISION SYSTEM	PAL B/G / PAL I
RECEIVABLE FREQUENCIES	VHF-1 CH2-CH4, VHF-3 CH5- CH12, UHF CH21-CH69
MEMORIES	90
VIDEO IN	1Vp-p (75 Ohm)
AUDIO IN	100-300 MV (RMS)
DISPLAY RESOLUTION	960(H) X 234(V) dots
ACTIVE AREA	110.2(H) X 84(V) mm
AUDIO OUTPUT	0.5W (MAX)
POWER SUPPLY	DC 11V-15V (1A)
POWER CONSUMPTION	6W
DIMENSION	155(L) X 135(H) X 48(D)
WEIGHT	650g

Due to continuing improvements, the features and design are subject to change without notice.

SICHERHEITSHINWEISE



Das Ausrufungszeichen im gleichseitigen Dreieck weist den Benutzer auf wichtige Bedienungs- und Wartungsanweisungen (Service) in diesem Handbuch hin, die unbedingt zu befolgen sind.



Das Blitzsymbol im gleichseitigen Dreieck weist den Benutzer auf "gefährliche Spannungen" an einigen freiliegenden Bauteilen im Innern des Gerätes hin.



Um die Gefahr elektrischer Schläge auszuschließen, Gehäuse auf keinen Fall abnehmen. Im Innern befinden sich keine vom Benutzer selbst instandsetzbaren Teile. Reparaturen dürfen nur von einer autorisierten Fachwerkstatt durchgeführt werden.

230v~

Dieses Gerät ist für 230V ~ 50Hz Netzspannung ausgelegt. Bei längerer Nichtbenutzung des Geräts ziehen Sie den Stecker aus der Steckdose.



Setzen Sie das Gerät weder Feuchtigkeit noch Regen aus. Während schwerer Regen mit Blitzen trennen Sie den Fernseher vom Netzstrom.



Der EIN-Schalter dieses Geräts ist an den Sekundärschaltkreis angeschlossen. Seine Abschaltung unterbricht die Hauptstromzufuhr des Geräts nichts.



Schalten Sie das System erst dann ein, wenn Sie alle Verbindungen genau geprüft haben.



Stellen Sie das Gerät so auf, dass immer eine ungestörte Frischluftzufuhr sichergestellt ist. Es ist zum Beispiel keinesfalls auf Teppiche und in der Nähe von Gardinen zu stellen oder in Bücherregale einzubauen.



Setzen Sie das Gerät weder direkter Sonneneinstrahlung noch Wärmequellen aus.



Beim Einlegen der Batterien achten Sie auf die richtige Polarität. Vermischen Sie keine neue Batterien mit alten oder entladenen Batterien.



Bei längerer Nichtbenutzung des Geräts (mehr als einen Monat) ziehen Sie die Batterien heraus, um Auslaufen zu vermeiden, was schädlich für das Gerät sein kann.

Roadstar

**INTERNATIONAL WARRANTY - INTERNATIONALE GARANTIE
GARANTIE INTERNATIONALE - GARANZIA INTERNAZIONALE
GARANTIA INTERNACIONAL - GARANTIA INTERNACIONAL
ΔΙΕΘΝΗΣ ΕΓΓΥΗΣΗ**

Serial No.
Serien Nr.
No. de série
No. di serie
No. de serie
No. de série

Type of set
Geräte Typ
Type d'appareil
Tipo d'apparecchio
Tipo de aparato
Tipo de aparelho
Είδος προϊόντος

Purchase date
Kaufdatum
Date d'achat
Data d'acquisto
Fecha de compra
Data de compra
Ημερομηνία αγοράς



Dealer's Stamp / Händlerstempel / Timbre du négociant / Timbro del negoziante / Sello del establecimiento vendedor / Carimbo da loja de Venda / Σφραγίδα Καταστήματος

ENGLISH

Roadstar Warranty Terms and Conditions

1. Roadstar - by means of its sales organisation, representative or distributor - **guarantees** its products against manufacturing defects in material and/or workmanship throughout the period of warranty as defined in the following chapter (4).
2. Should the product fail to work or show a manufacturing defect within the warranty period as described in chapter (4), Roadstar - by means of its sales organisation, representative or distributor - will take the necessary actions to restore the perfect functioning of the product. To repair or to replace is at discretion of Roadstar.
3. Should the product fail to work or show a manufacturing defect, the consumer shall contact the national Roadstar sales organisation, representative or distributor. The list of contacts by country can be found on the internet at the address **www.roadstar.com**
4. The **warranty** period is **24** months from the date of purchase in the European Union countries. Outside the European Union local government's regulation are applied.
5. **This warranty does not cover** normal wear and tear of the product and/or its parts, any damage, failure, or loss caused by accident, misuse, and any other failure not directly related to a defect of the product.
6. This warranty does not void consumer's rights in accordance with EU Directive 99/44/CE.
7. For further information please visit the website **www.roadstar.com**, or write to **aftersal@roadstar.com**.

DEUTSCH

Allgemeine "Roadstar" Garantiebedingungen

1. Die Firma "Roadstar" **garantiert** - durch die eigene Organisation und mit den hier nachstehend im Detail aufgeführten Modalitäten - für die korrekte Funktionsweise und die Einwandfreiheit der Produkte mit der Markenbezeichnung "Roadstar" während der unter Punkt 4 dieser "Bedingungen" definierten Garantiedauer.
2. Sollte ein Produkt nicht korrekt funktionieren oder Herstellungsfehler aufweisen, **wird "Roadstar"** mit dem eigenen Vertriebsnetz oder durch den eigenen Vertrieb für die Reparatur **sorgen**, oder wenn nicht möglich, für den Ersatz des Produktes.
3. Sollte ein Produkt nicht korrekt funktionieren oder Herstellungsfehler aufweisen, muß sich der Endverbraucher an seinen "Roadstar" Vertragspartner des eigenen Landes wenden (siehe **www.roadstar.com**).
4. Die **Dauer** der Garantie beläuft sich auf **24** Monate und gilt ab dem Datum, an dem das Produkt vom Endverbraucher in den EU Ländern erworben wird. Was Länder außerhalb der EU betrifft, wird die Garantiedauer von der geltenden Gesetzgebung des jeweiligen Landes geregelt.
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