# STR-7035

*USA Model*
*Canada Model*
*AEP Model*
*E Model*
*UK Model*


## FM STEREO/FM-AM RECEIVER

### SPECIFICATIONS

**FM SECTION**

| | |
|---|---|
| Frequency Range: | 87.5 – 108 MHz |
| Intermediate Frequency: | 10.7 MHz |
| Antenna Terminals: | 300 ohm balanced<br>75 ohm unbalanced |
| Sensitivity: | 2.2 μV (6.5 dB), IHF<br>1.7 μV (4.5 dB), S/N = 26 dB |
| Image Rejection: | 55 dB |
| IF Rejection: | 90 dB |
| Spurious Rejection: | 78 dB |
| AM Suppression: | 55 dB |
| Capture Ratio: | 1.5 dB |
| Selectivity: | 60 dB, IHF |
| S/N Ratio: | 68 dB |
| Harmonic Distortion: | Mono 0.3 % at 400 Hz, 75 kHz deviation (100 %) mod<br>Stereo 0.8 % at 400 Hz, 75 kHz deviation (100 %) mod |
| Stereo Separation: | 35 dB at 400 Hz |
| Frequency Response: | 30 Hz – 15 kHz $^{+0}_{-2}$ dB |

**AM SECTION**

| | |
|---|---|
| Frequency Range: | 530 – 1,605 kHz |
| Intermediate Frequency: | 455 kHz (USA, Canada Model)<br>468 kHz (AEP, E and UK Model) |
| Antenna: | Built-in ferrite-bar antenna and external antenna terminal |
| Sensitivity: | 250 μV/m (48 dB/m), built-in antenna<br>30 μV (29 dB), external antenna |
| Image Rejection: | 56 dB at 1,000 kHz |
| IF Rejection: | 40 dB at 1,000 kHz |
| S/N Ratio: | 50 dB |
| Harmonic Distortion: | 0.8 % |

– continues to page 2 –

SONY®
SERVICE MANUAL

# STR-7035

## AMPLIFIER SECTION

**Continuous RMS Power Output:** (Less than 0.8 % THD, both channel driven simultaneously)
- At 40 Hz – 20 kHz
  - 24 + 24 watts (8 ohms)
- At 1 kHz
  - 26 + 26 watts (8 ohms)
  - 28 + 28 watts (4 ohms)
- According to DIN 45500
  - 24 + 24 watts (8 ohms)
  - 25 + 25 watts (4 ohms)

**Dynamic Power Output:** (IHF constant power supply method)
- 65 watts (8 ohms)
- 80 watts (4 ohms)

**Power Bandwidth (IHF):** 10 Hz – 25 kHz

**Harmonic Distortion:**
- Less than 0.8 % at rated output
- Less than 0.1 % at 1 watt output

**IM Distortion:** (60 Hz: 7 kHz = 4:1)
- Less than 0.8 % at rated output
- Less than 0.1 % at 1 watt output

**Residual Noise:** Less than 0.08 μW

**Damping Factor:** 25 at 1 kHz, 8 ohms

**Input Sensitivity, Impedance and S/N Ratio:**

| Input | Sensitivity | Impedance | S/N | Weighting Network |
|---|---|---|---|---|
| PHONO | 2.5 mV | 47 kΩ | 60 dB | B |
| MIC | 2 mV | 47 kΩ | 60 dB | B |
| AUX | 250 mV | 100 kΩ | 70 dB | A |
| TAPE 1, 2 REC/PB (input) | 250 mV | 100 kΩ | 80 dB | A |

Measured with specified RMS power output into 8-ohm loads (both channels driven simultaneously) at 1 kHz.

**Output Voltage and Impedance:**

| Output | Voltage | Impedance | Input Level | |
|---|---|---|---|---|
| REC OUT 1, 2 | 250 mV | 10 kΩ | PHONO | 2.5 mV |
| | | | MIC | 2 mV |
| REC/PB (output) | 30 mV | 82 kΩ | AUX, TAPE 1, 2 REC/PB (input) | 250 mV |

**Headphone:** Accepts 8 Ω – 10 kΩ headphones

**Speaker:** 4 – 16 Ω speakers are suitable

**Frequency Response:**
- PHONO RIAA equalization curve ±2 dB
- MIC 30 Hz – 10 kHz $^{+0}_{-3}$ dB
- AUX, TAPE 1, 2 REC/PB (input) } 30 Hz – 40 kHz $^{+0}_{-3}$ dB

**Tone Control:**
- BASS; ±10 dB at 100 Hz
- TREBLE; ±10 dB at 10 kHz

**High Filter:** 6 dB/oct. above 5 kHz

**Loudness:** +6 dB at 50 Hz, +4 dB at 10 kHz (Volume control attenuation 30 dB)

## GENERAL

**Power Requirements:**
- 120 volts ac, 60 Hz (USA, Canada Model)
- 110, 127, 220, 240 volts ac, 50/60 Hz (AEP, UK and E Model)

**Power Consumption:**
- 80 watts (USA Model)
- 120 watts (Canada Model)
- 230 watts (AEP, UK and E Model)

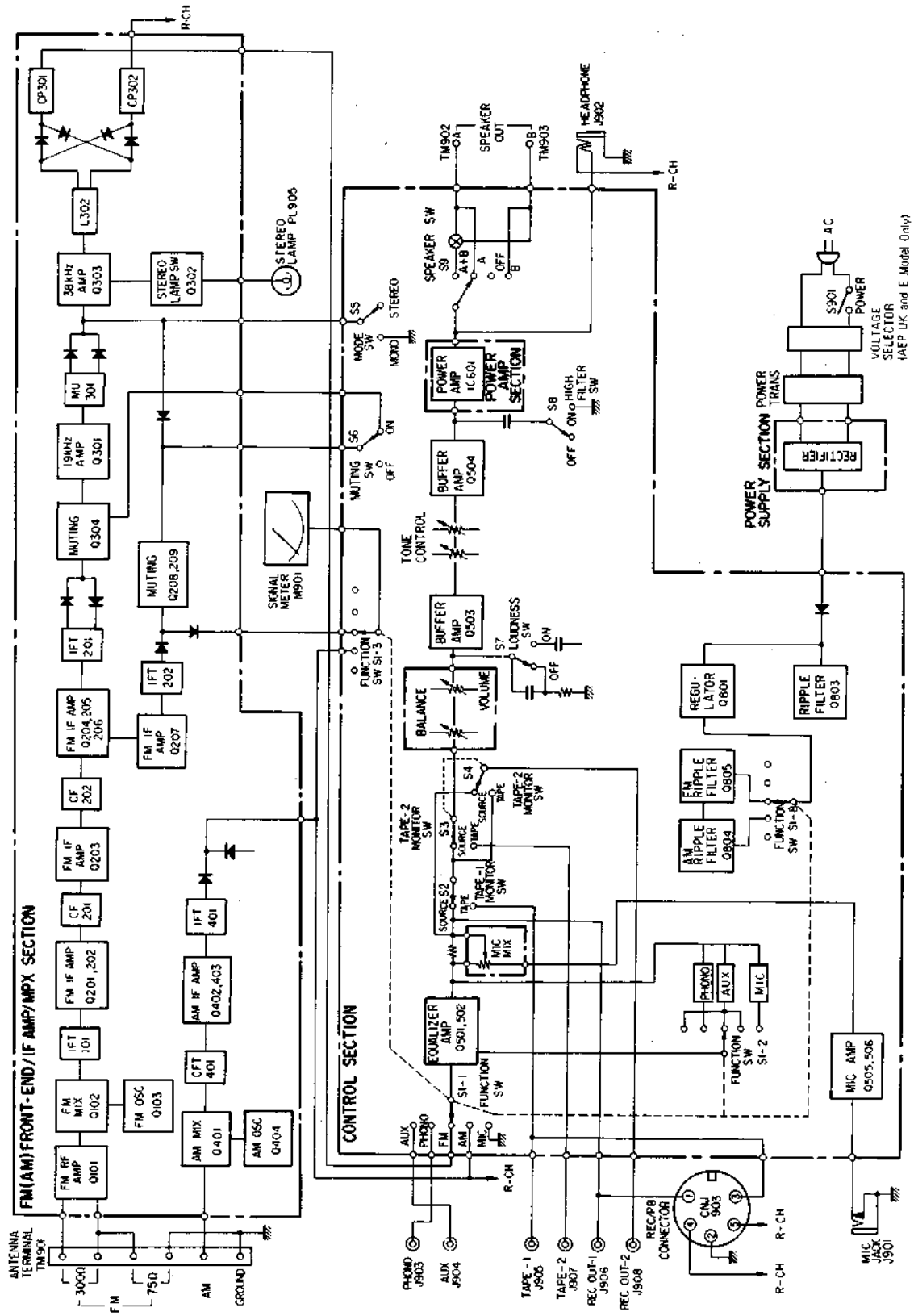
**Ac Outlets:** 2 unswitched, total 300 watts

**Dimensions:**
- 427(w) x 149(h) x 340(d) mm } (USA, Canada Model)
- 16 7/8 (w) x 5 7/8 (h) x 13 3/8 (d) inches } (USA, Canada Model)
- 427(w) x 149(h) x 345(d) mm } (AEP, UK and E Model)
- 16 7/8 (w) x 5 7/8 (h) x 13 5/8 (d) inches } (AEP, UK and E Model)

including projecting parts and controls

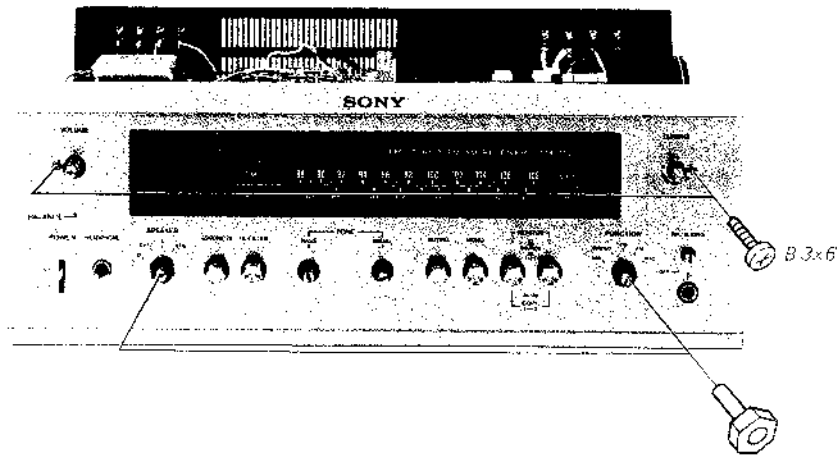
**Weight:**
- Approx. 8.6 kg (18 lb 15 oz), net
- Approx. 11.1 kg (24 lb 8 oz), with shipping carton

# SECTION 1
# BLOCK DIAGRAM

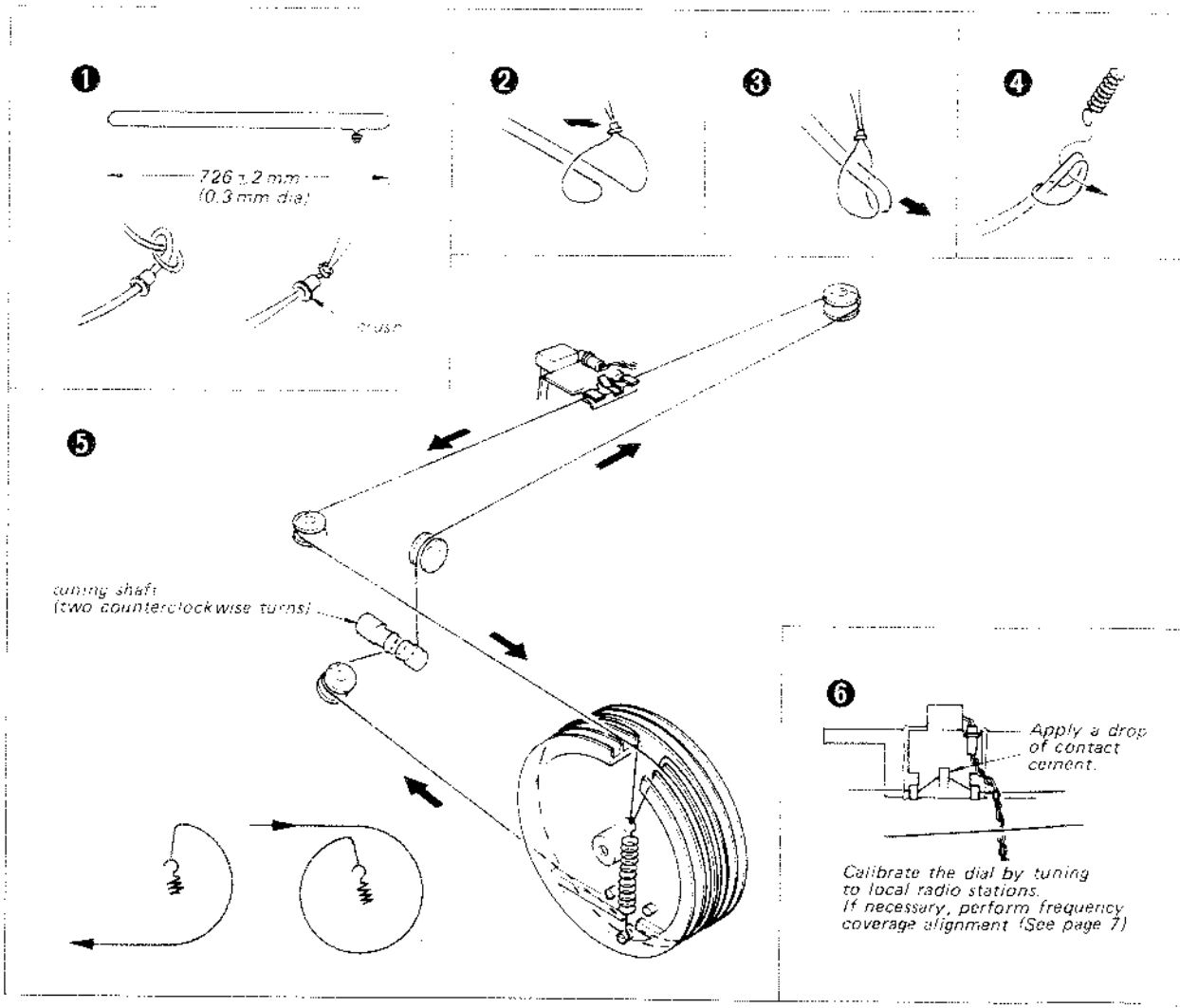


# SECTION 2
# DISASSEMBLY AND REPLACEMENT

## 2-1. FRONT PANEL REMOVAL




## 2-2. DIAL CORD STRINGING



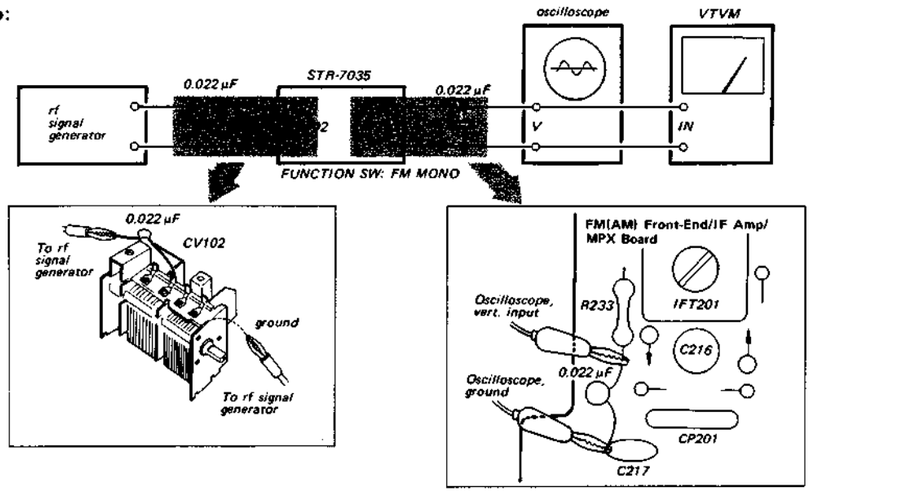
# SECTION 3
# ALIGNMENT AND ADJUSTMENT

## 3-1. FM IF AND DISCRIMINATOR ALIGNMENT (See p.6 for the procedure.)

The ceramic filters used in the fm i-f circuit are color coded according to their specified center frequencies.

**FM I-F CERAMIC FILTERS**

| Part No. | Specified Center Freq. | Color |
|---|---|---|
| 1-527-220-11 | 10.70 MHz | red |
| 1-527-220-21 | 10.67 MHz | blue |
| 1-527-220-31 | 10.73 MHz | orange |
| 1-527-220-41 | 10.64 MHz | black |
| 1-527-220-51 | 10.76 MHz | white |

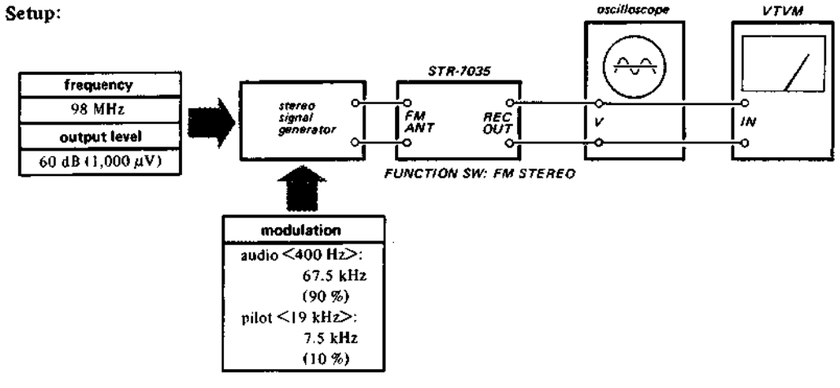


**Setup:**




## 3-2. FM STEREO SEPARATION ADJUSTMENT (See p.6 for the procedure.)

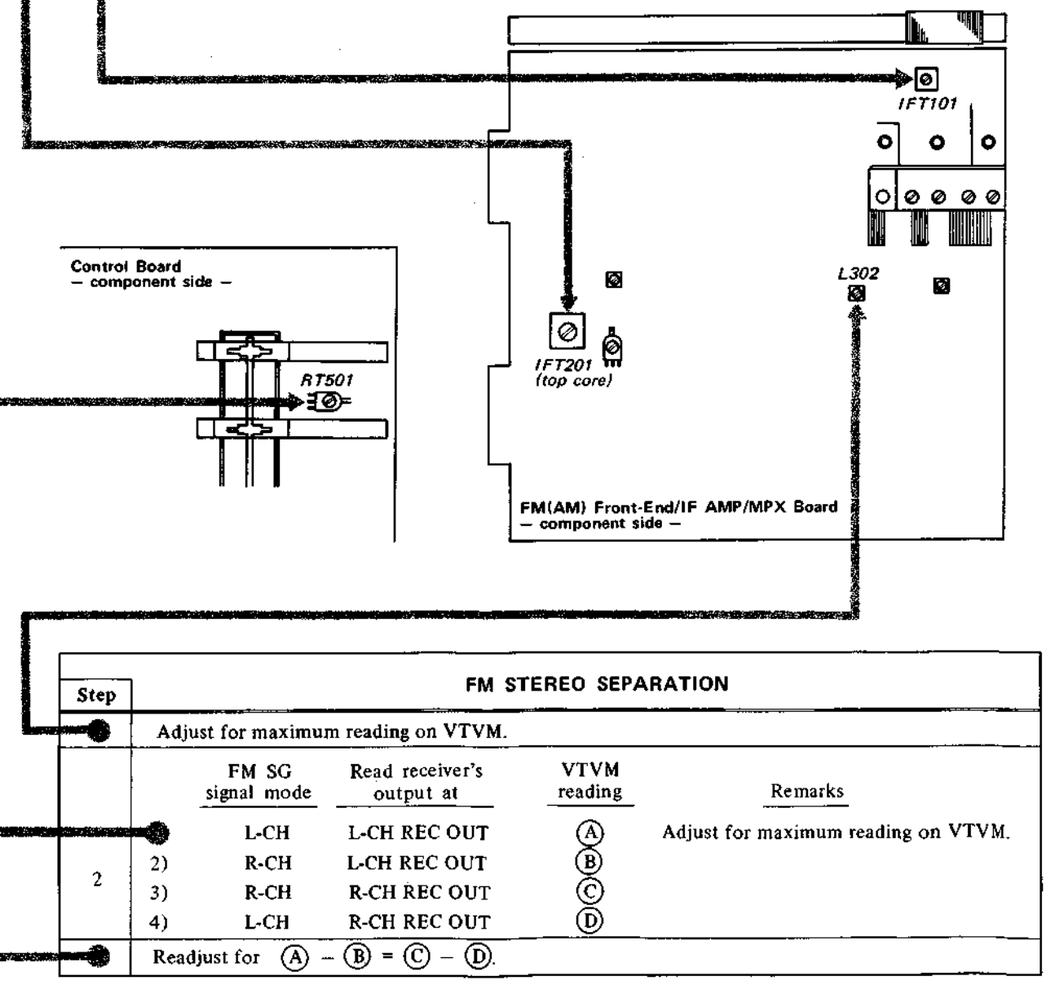
**Setup:**






**FM IF AND DISCRIMINATOR**

| Step | Signal Generator Setting: Frequency = (center freq. of ceramic filter) Modulation | Procedure |
|---|---|---|
| 1 | FM 400 Hz 75 kHz deviation (100 %) | Tune STR-7035 to SG signal. |
| 2 | AM 400 Hz 30 % | Oscilloscope  Adjust |
| 3 | FM 400 Hz 75 kHz deviation (100 %) | Adjust for maximum reading on VTVM. |




**FM STEREO SEPARATION**

| Step | | FM SG signal mode | Read receiver's output at | VTVM reading | Remarks |
|---|---|---|---|---|---|
| 1 | Adjust for maximum reading on VTVM. | | | | |
| 2 | 1) | L-CH | L-CH REC OUT | (A) | Adjust for maximum reading on VTVM. |
| | 2) | R-CH | L-CH REC OUT | (B) | |
| | 3) | R-CH | R-CH REC OUT | (C) | |
| | 4) | L-CH | R-CH REC OUT | (D) | |
| 3 | Readjust for (A) – (B) = (C) – (D). | | | | |

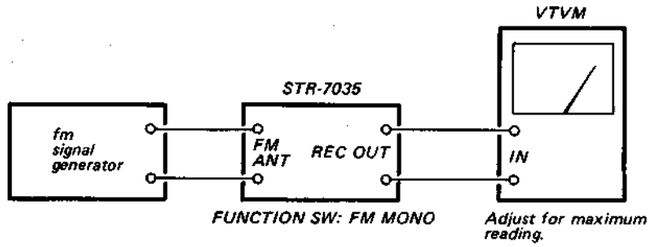
### 3-3. FM TRACKING ALIGNMENT

Never attempt alignment of the front-end section except for the frequency-coverage and dial-calibration adjustments. The front-end section of the tuner has been carefully adjusted at the factory, so that very little adjustment is necessary in the field.

If an rf-stage adjustment is required, ask your nearest SONY Service Station to send your unit to the Factory Service Center for a complete front-end alignment.

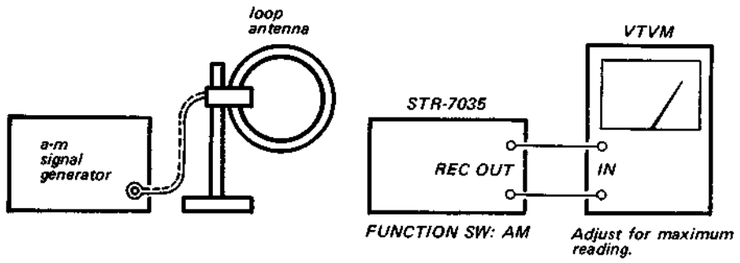
### 3-4. FM FREQUENCY COVERAGE ALIGNMENT (See p. 8 for the procedure.)

**Setup:**



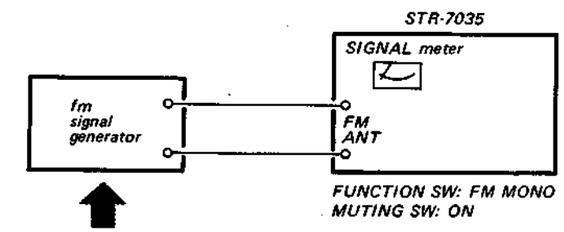

### 3-5 AM FREQUENCY COVERAGE AND TRACKING ALIGNMENT (See p. 8 for the procedure.)

**Setup:**




### 3-6. MUTING ADJUSTMENT (See p. 8 for the procedure.)

**Setup:**




| frequency |
|---|
| 93 MHz (unmodulated) |
| **output level** |
| 60 dB (1,000 μV) |

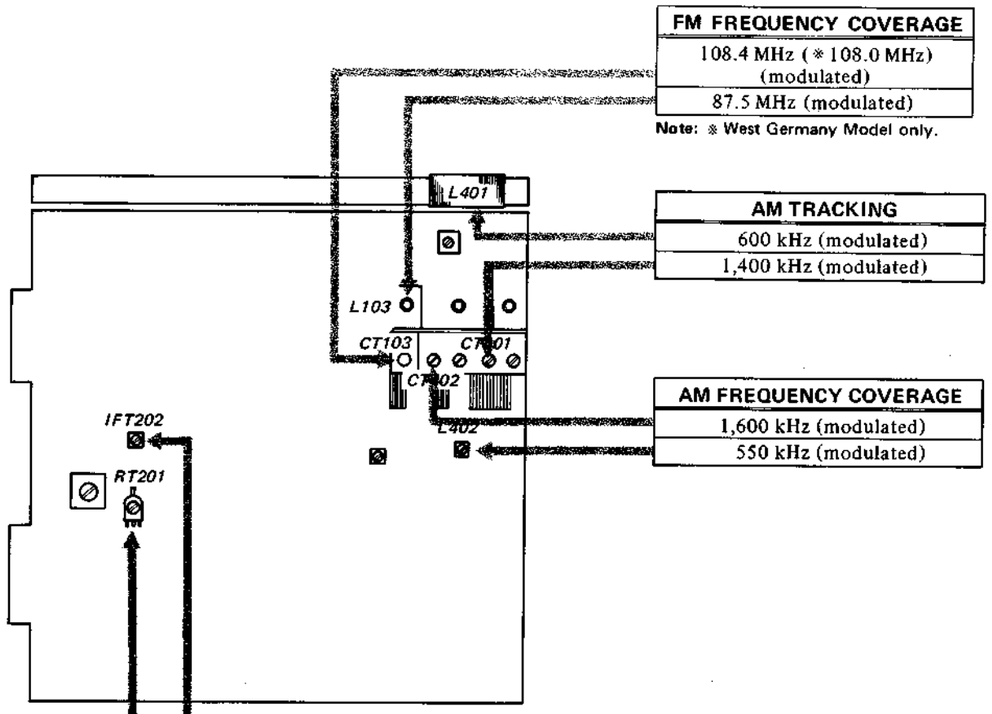


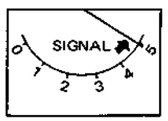
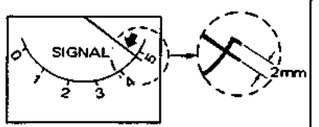
| FM FREQUENCY COVERAGE |
|---|
| 108.4 MHz (※ 108.0 MHz) (modulated) |
| 87.5 MHz (modulated) |

**Note:** ※ West Germany Model only.

| AM TRACKING |
|---|
| 600 kHz (modulated) |
| 1,400 kHz (modulated) |

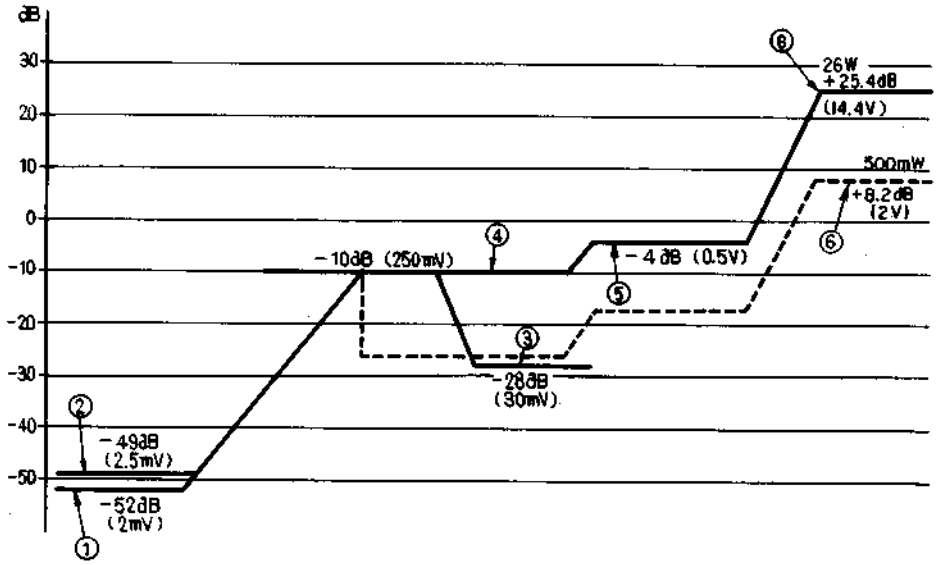
| AM FREQUENCY COVERAGE |
|---|
| 1,600 kHz (modulated) |
| 550 kHz (modulated) |

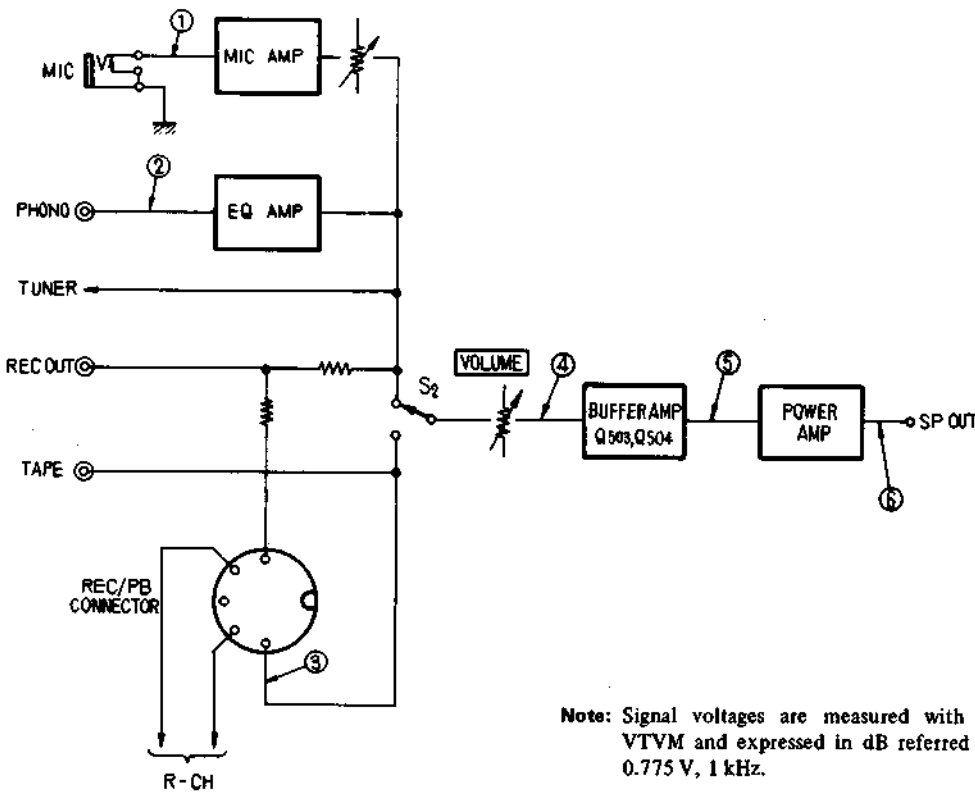



| Step | MUTING |
|---|---|
| Adjust |  |
| Adjust |  |

# SECTION 4
# DIAGRAMS

## 4-1. LEVEL DIAGRAM

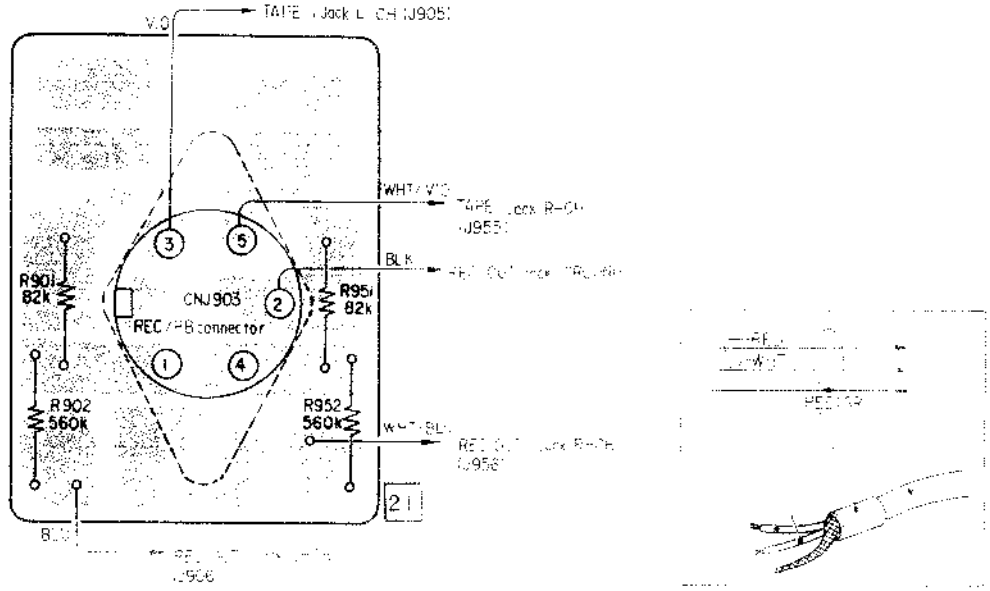



**Note:** Signal voltages are measured with ac VTVM and expressed in dB referred to 0.775 V, 1 kHz.

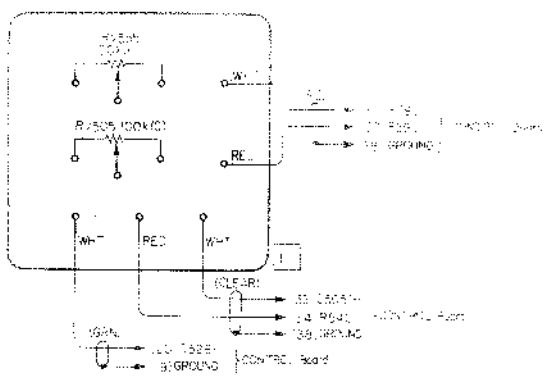
## 4-2. MOUNTING DIAGRAM – REC/PB Connector Board –

*– Conductor Side –*



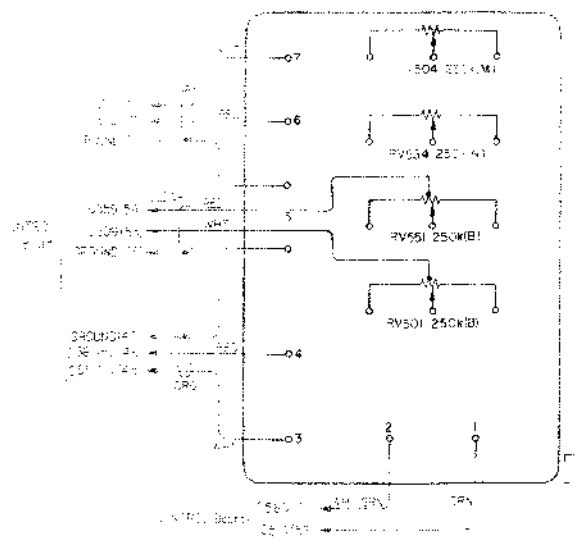

## 4-3. MIC Level Control Board

*– Conductor Side –*



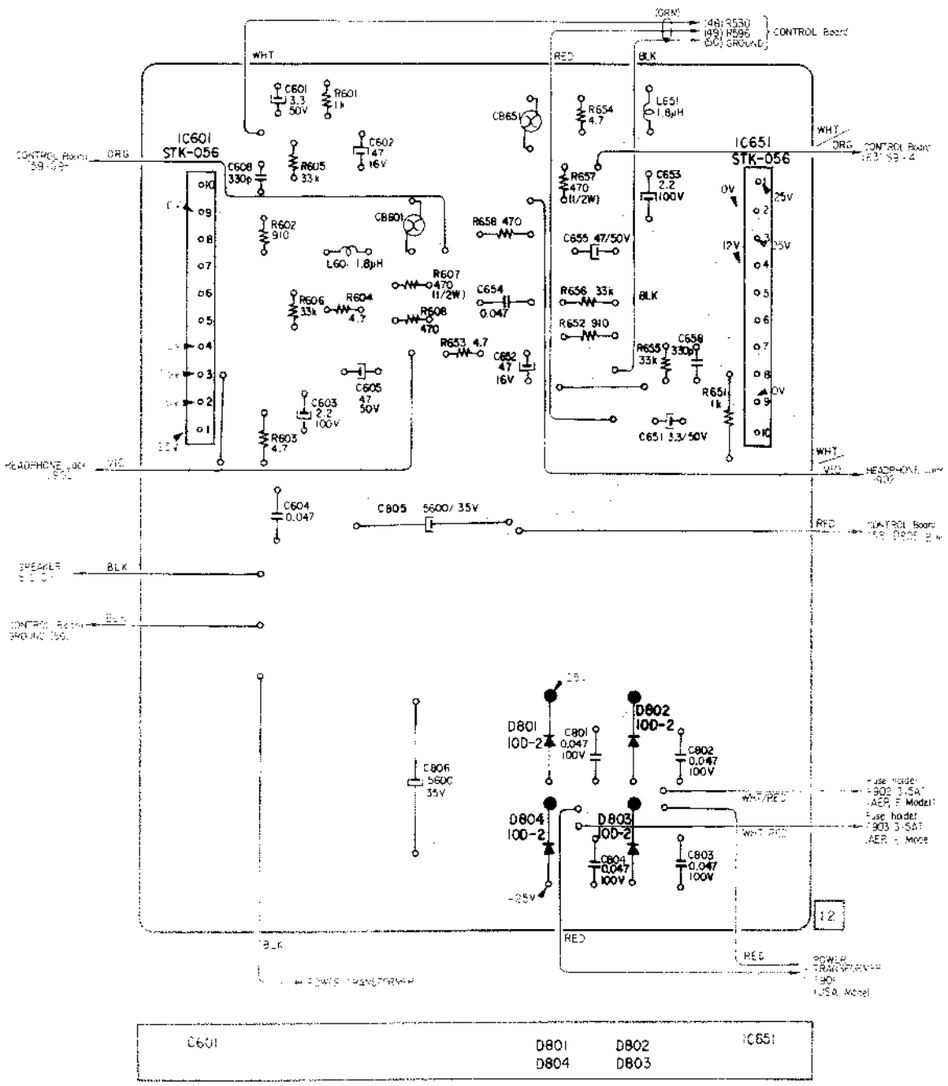
## 4-4. VOLUME Control Board

*Conductor Side*

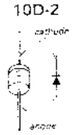


## 4-5. MOUNTING DIAGRAM – Power Amp/Power Supply Board –

*Conductor Side*




10D-2



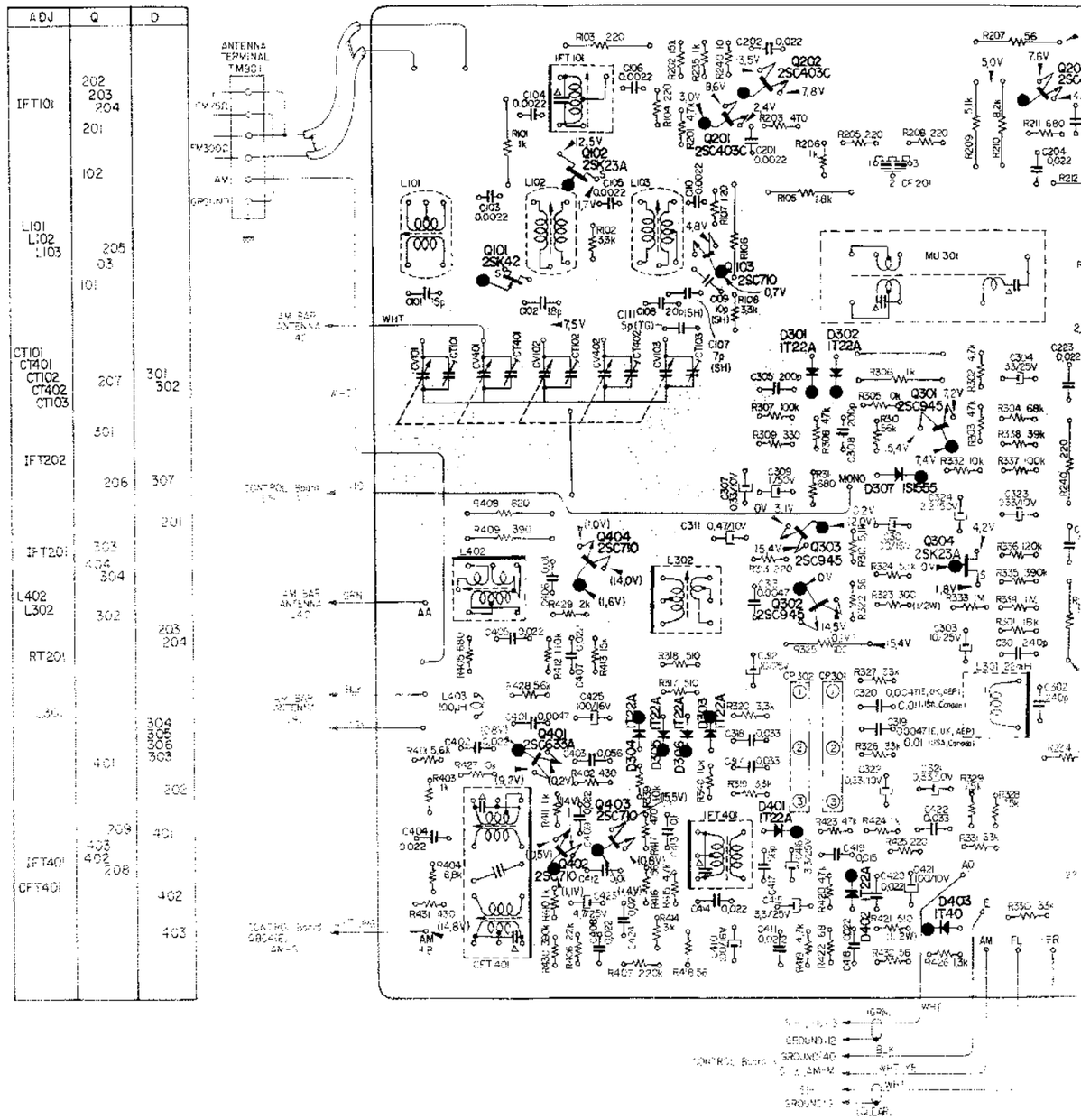

STK-056

Note:
All resistance values are in ohms. k = 1,000, M = 1,000 k
All capacitance values are in μF except as indicated with p, which means μμF.
All voltages are dc measured with a VOM which has an input impedance of 20 k ohms/volt. No signal in.
Voltage variations may be noted due to normal production tolerances.



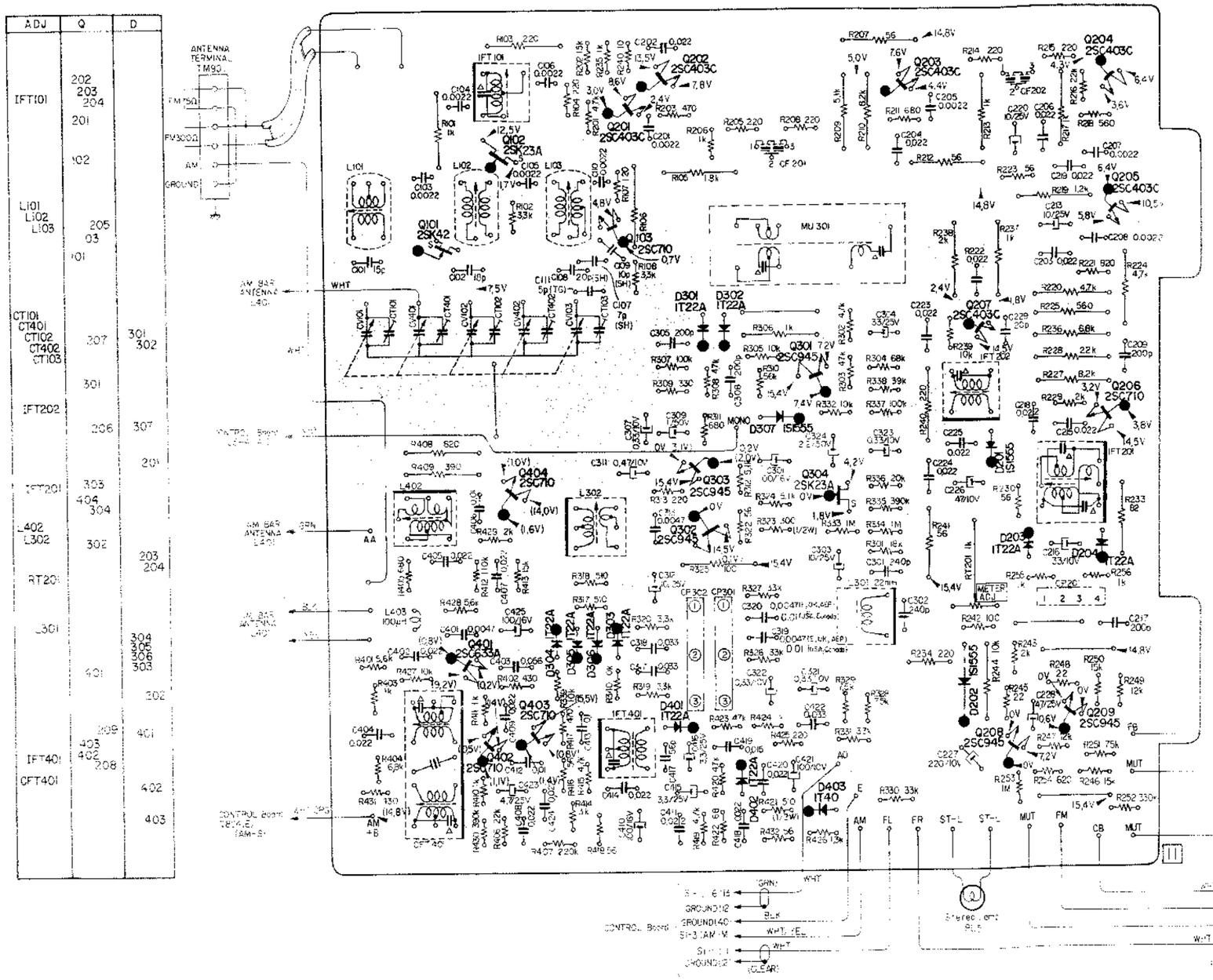
## 4-6. MOUNTING DIAGRAM – Fm(A-m) Front End/I-f Amp/MPX Board –

*– Conductor Side –*



## 4-6. MOUNTING DIAGRAM – Fm(A-m) Front End/I-f Amp/MPX Board –

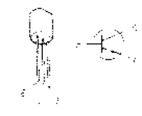
*– Conductor Side –*



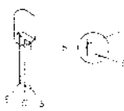



2SC403C
2SC633A

2SC710



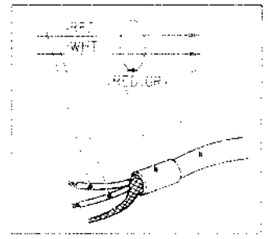
2SC945



2SK23A

2SK42

1S1555
1T22A
1T40



**Note:**

All resistance values are in ohms. k = 1,000 M = 1,000 k

All capacitance values are in μF except as indicated with p, which means μμF.

All voltages are dc measured with a VOM which has an input impedance of 20 k ohms/volt. No signal in.

Voltage variations may be noted because of normal production tolerances

( ) : Am operation

( ) : STEREO operation

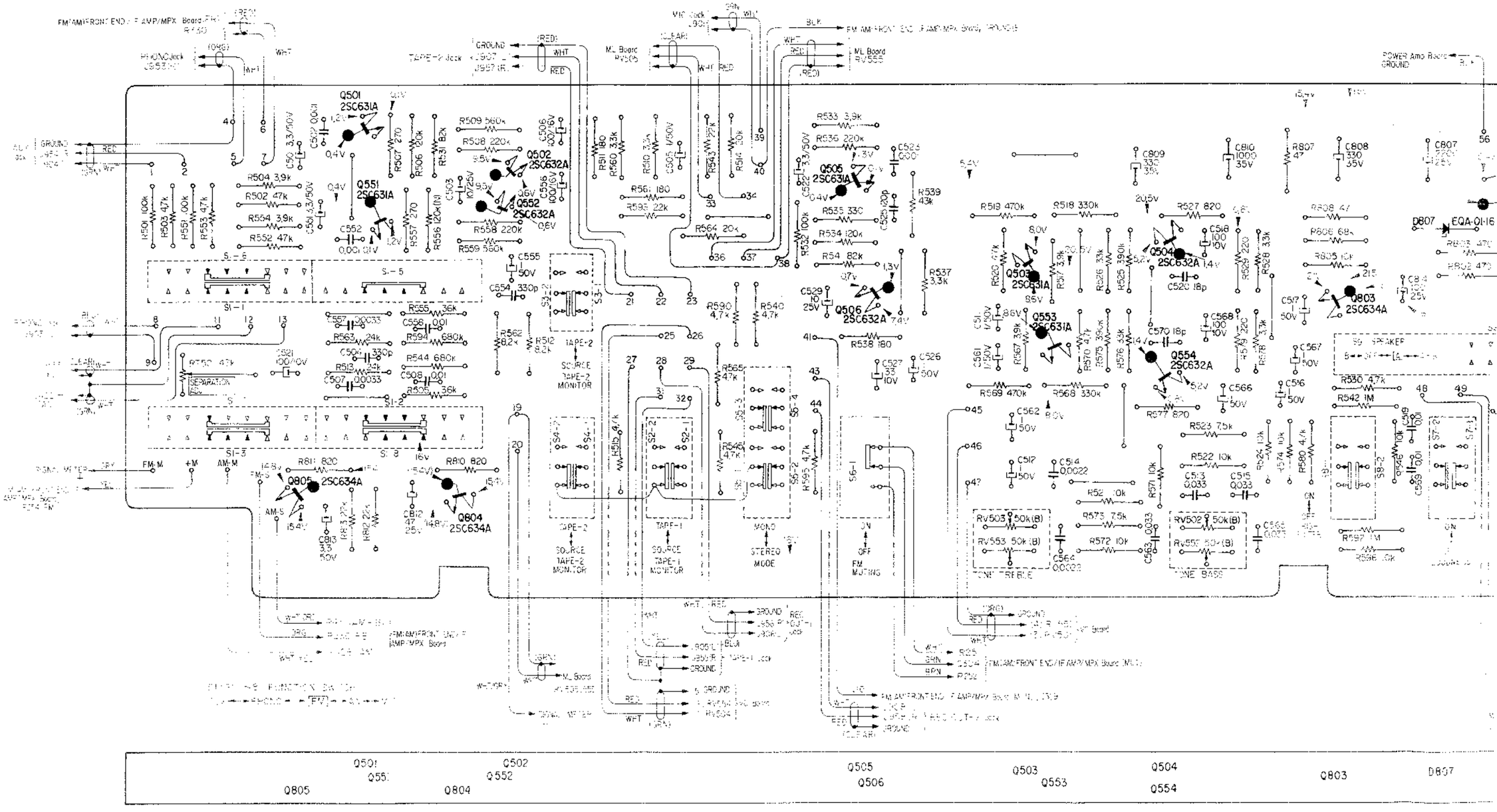
Capacitors marked ◇ are built-in transformers.

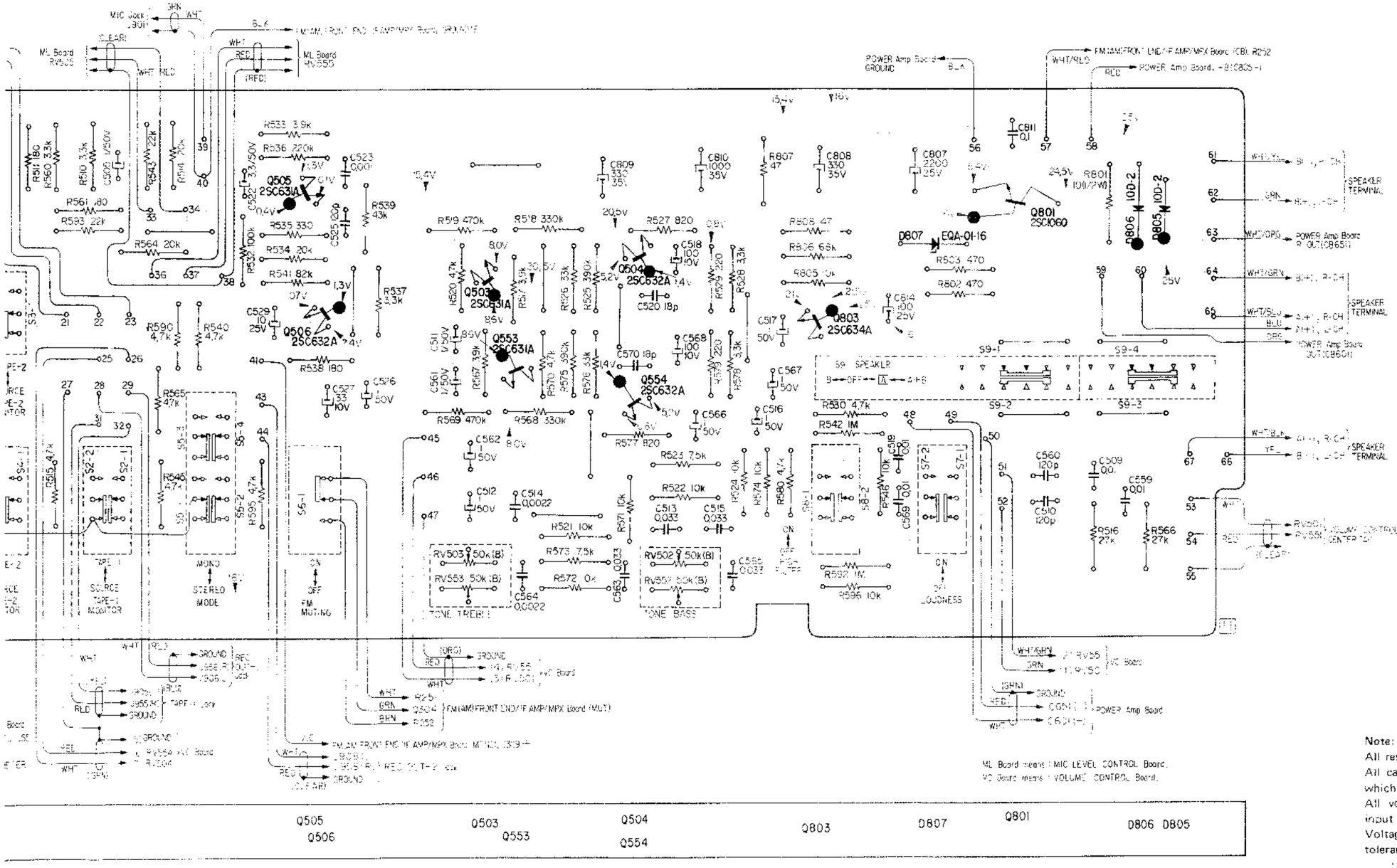
[ ] A bold line by a coil (or a transformer) shows the face of the coil (or a transformer) with its stenciled part number

STR-7035 STR-7

4-7. MOUNTING DIAGRAM – Control Board –

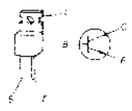
*– Conductor Side –*






| Q505 Q506 | Q503 Q553 | Q504 Q554 | Q803 | D807 | Q801 | D806 D805 |
|---|---|---|---|---|---|---|

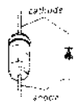
2SC1060

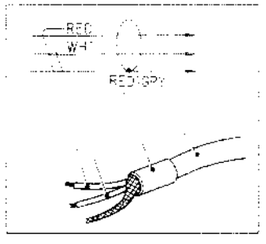


2SC631A
2SC632A
2SC634A

10D-2

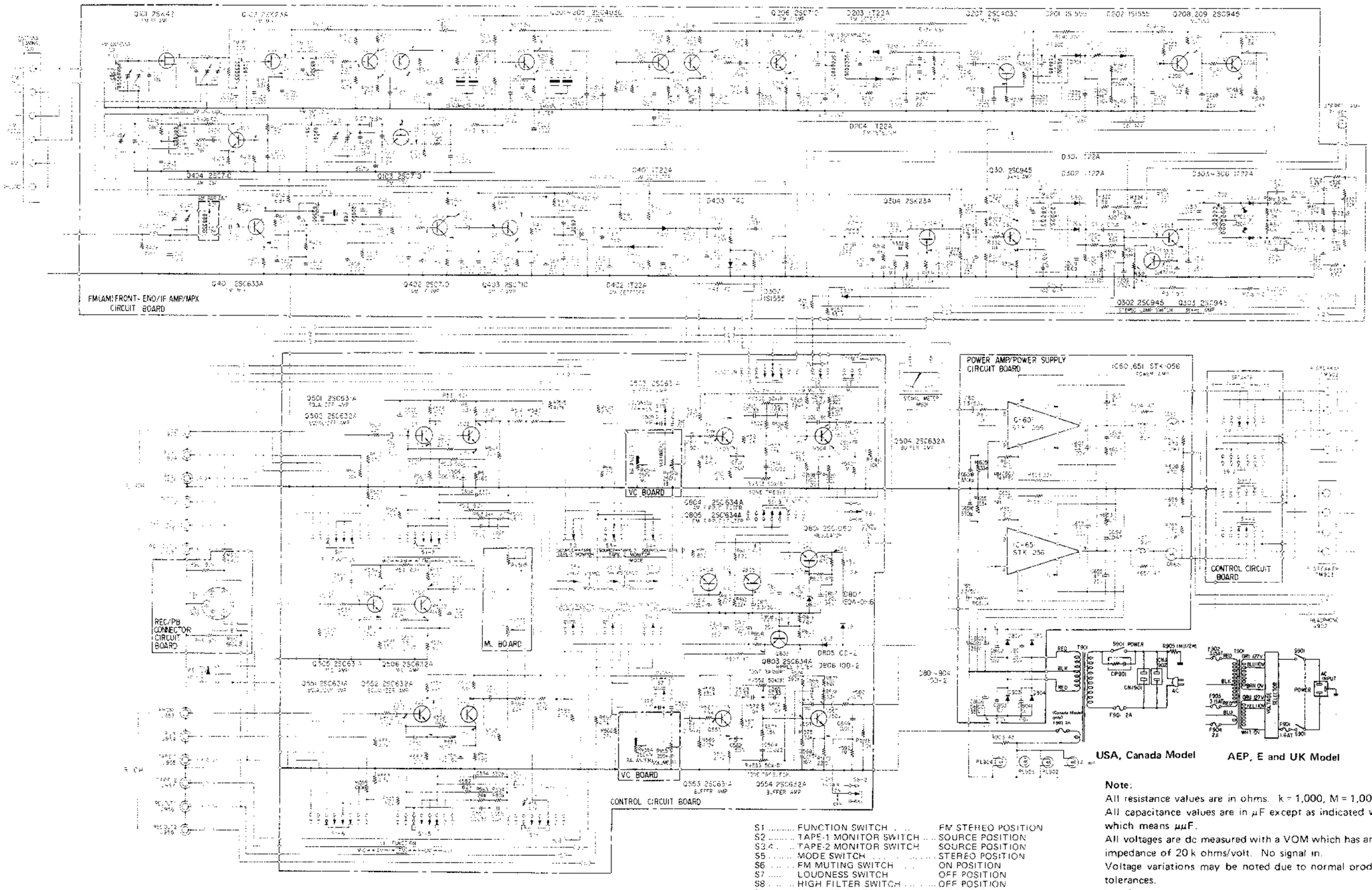
EQA01 16






Note:
All resistance values are in ohms. k = 1,000, M = 1,000k
All capacitance values are in μF except as indicated with p, which means μμF.
All voltages are dc measured with a VOM which has an input impedance of 20k ohms/volt. No signal in.
Voltage variations may be noted due to normal production tolerances.
: Am operation
: STEREO operation

## 4-8. SCHEMATIC DIAGRAM




ML BOARD = MIC LEVEL CONTROL Board
VC BOARD = VOLUME CONTROL Board

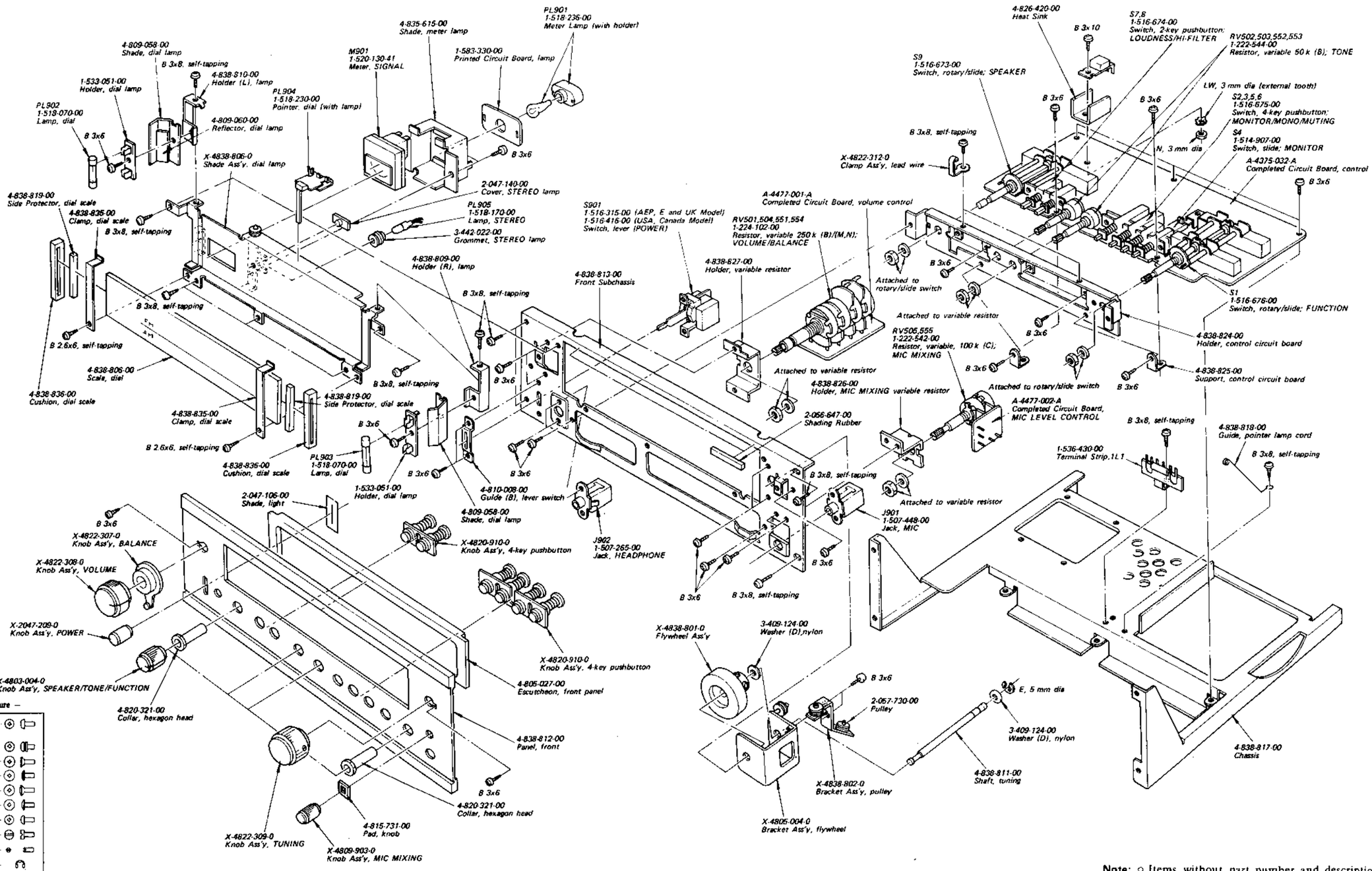
| | | |
|---|---|---|
| S1 | FUNCTION SWITCH | FM STEREO POSITION |
| S2 | TAPE-1 MONITOR SWITCH | SOURCE POSITION |
| S3,4 | TAPE-2 MONITOR SWITCH | SOURCE POSITION |
| S5 | MODE SWITCH | STEREO POSITION |
| S6 | FM MUTING SWITCH | ON POSITION |
| S7 | LOUDNESS SWITCH | OFF POSITION |
| S8 | HIGH FILTER SWITCH | OFF POSITION |
| S9 | SPEAKER SWITCH | A POSITION |

**Note:**

All resistance values are in ohms. k = 1,000, M = 1,000 k
All capacitance values are in μF except as indicated with p, which means μμF.
All voltages are dc measured with a VOM which has an input impedance of 20 k ohms/volt. No signal in.
Voltage variations may be noted due to normal production tolerances.
( ): Am operation
< >: STEREO operation
Capacitors marked △ are built in transformers.

# SECTION 5
# EXPLODED VIEWS

(1)




– Hardware Nomenclature –

| | | |
|---|---|---|
| P | Pan Head Screw | ⊕ |
| PS | Pan Head Screw with Spring Washer | ⊕ |
| K | Flat Countersunk Head Screw | ⊕ |
| B | Binding Head Screw | ⊕ |
| RK | Oval Countersunk Head Screw | ⊕ |
| T | Truss Head Screw | ⊕ |
| R | Round Head Screw | ⊕ |
| F | Flat Fillister Head Screw | ⊖ |
| SC | Set Screw | ⊕ |
| E | Retaining Ring (E Washer) | |

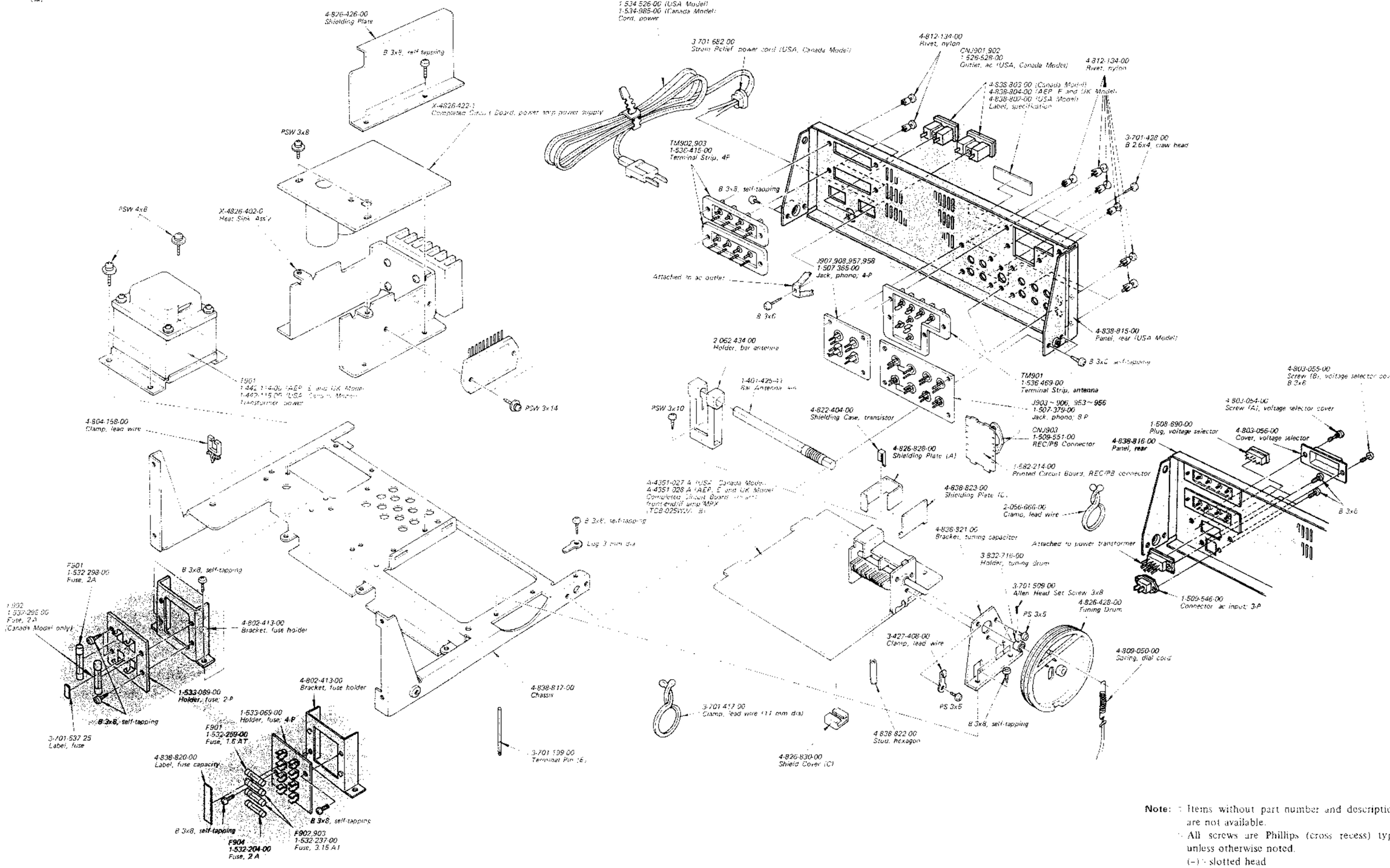
W – Washer
SW – Spring Washer
LW – Lock Washer
N – Nut

– Example –

Type of Slot
P 3x10
Length in mm (L)
Diameter in mm (D)
Type of Head

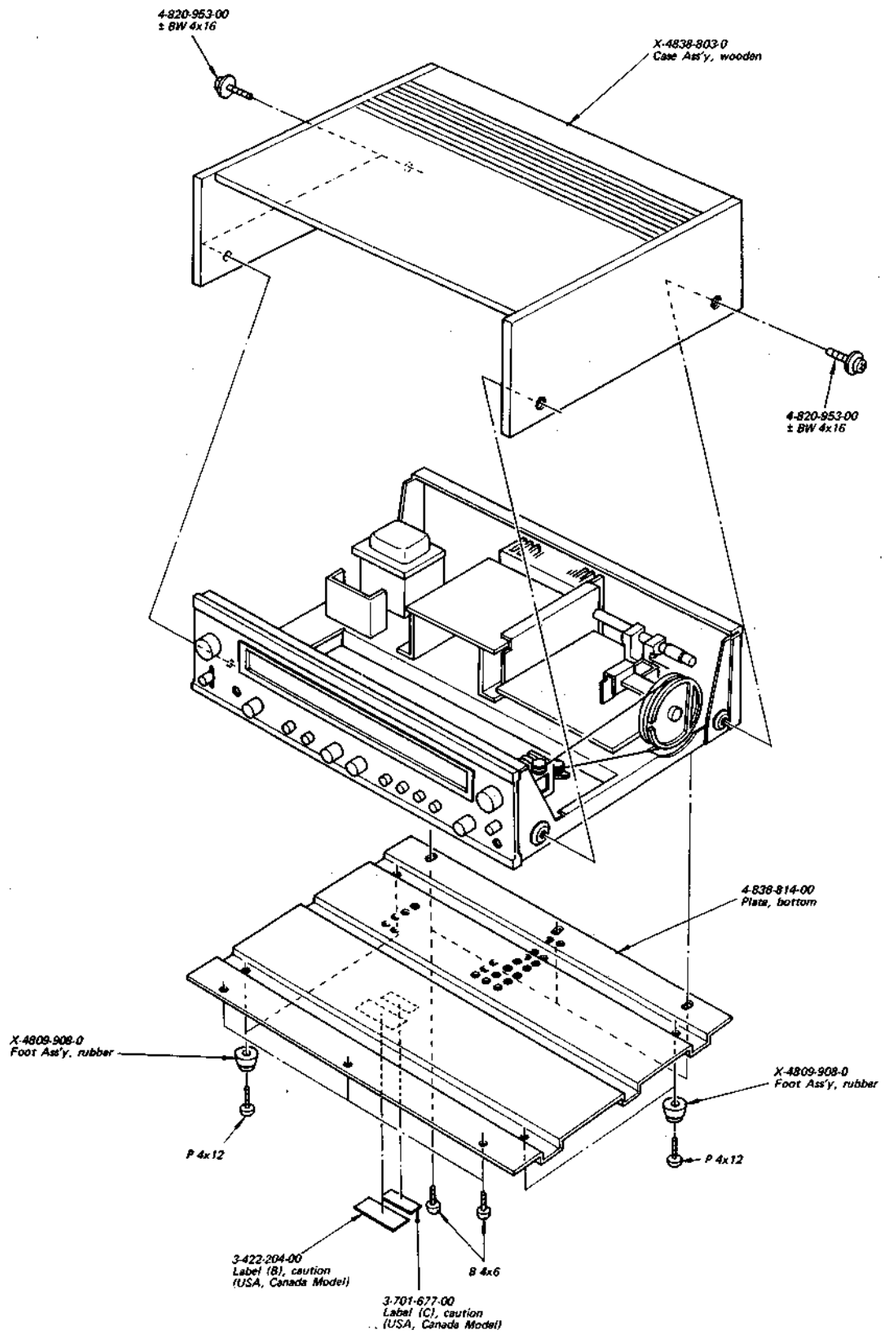
**Note:** ○ Items without part number and description are not available.
○ All screws are Phillips (cross recess) type unless otherwise noted.
(–) = slotted head

(2)




**Note:** · Items without part number and description are not available.
· All screws are Phillips (cross recess) type unless otherwise noted.
(-) : slotted head

(3)






# SECTION 6
# ELECTRICAL PARTS LIST

| Ref. No. | Part No. | Description |
|---|---|---|
| | | **CIRCUIT BOARDS** |
| | A-4351-027-A | Fm (A-m) Front-end/I-f Amp/MPX (TCB-025W2A), complete (USA, Canada Model) |
| | A-4351-028-A | Fm (A-m) Front-end/I-f Amp/MPX (TCB-025W2B), complete (AEP, E and UK Model) |
| | A-4375-032-A | Control, complete |
| | A-4477-001-A | Volume Control, complete |
| | A-4477-002-A | MIC Level Control, complete |
| | X-4826-422-1 | Power Amp/Power Supply, complete |
| | 1-582-214-00 | REC/PB Connector |
| | 1-583-330-00 | Lamp |
| | | **SEMICONDUCTORS** |
| | | **Transistors** |
| Q101 | | 2SK42 (FET) |
| Q102 | | 2SK23A (FET) |
| Q103 | | 2SC710 |
| Q201~Q205 | | 2SC403C |
| Q206 | | 2SC710 |
| Q207 | | 2SC403C |
| Q208,Q209 | | 2SC945 |
| Q301~Q303 | | 2SC945 |
| Q304 | | 2SK23A (FET) |
| Q401 | | 2SC633A |
| Q402,Q403 | | 2SC710 |
| Q501 | | 2SC631A |
| Q551 | | 2SC632A |
| Q502(Q552) | | 2SC632A |
| Q503(Q553) | | 2SC631A |
| Q504(Q554) | | 2SC632A |
| Q505 | | 2SC631A |
| Q506 | | 2SC632A |
| Q801 | | 2SC1060 |
| Q803~Q805 | | 2SC634A |
| | | **ICs** |
| IC601(IC651) | | STK-056 |

| Ref. No. | Part No. | Description |
|---|---|---|
| | | **Diodes** |
| D201,D202 | | 1S1555 |
| D203,D204 | | 1T22A |
| D301~D306 | | 1T22A |
| D307 | | 1S1555 |
| D401,D402 | | 1T22A |
| D403 | | 1T40 |
| D801~D806 | | 10D-2 |
| | | **TRANSFORMERS, COILS AND INDUCTORS** |
| CFT401 | 1-403-830-00 | I-f Trans./Ceramic Filter, 468 kHz (AEP, E and UK Model) |
| CFT401 | 1-403-150-00 | I-f Trans./Ceramic Filter, 455 kHz (USA, Canada Model) |
| IFT101 | 1-403-914-00 | IFT, 10.7 MHz |
| IFT201 | 1-403-291-00 | Transformer, discriminator |
| IFT202 | 1-403-295-00 | IFT, fm; 10.7 MHz |
| IFT401 | 1-403-149-00 | IFT, 455 kHz |
| L101 | 1-401-541-00 | Coil, fm antenna |
| L102 | 1-405-599-00 | Coil, fm rf |
| L103 | 1-405-598-00 | Coil, fm osc |
| L301 | 1-407-418-00 | Inductor, shielded; 22 mH |
| L302 | 1-425-683-00 | Transformer, switching |
| L401 | 1-401-425-41 | Bar Antenna, a-m |
| L402 | 1-405-444-00 | Coil, a-m osc |
| L403 | 1-407-169-00 | Microinductor, 100 μH |
| L601(L651) | 1-407-592-00 | Microinductor, 1.8 μH |
| MU301 | 1-425-548-00 | Unit, MPX |
| T901 | 1-442-114-00 | Transformer, power (AEP, E and UK |
| | 1-442-115-00 | Transformer, power (USA, Canada Model) |
| | | **CAPACITORS** |

Capacitors are in μF, ceramic type unless otherwise noted. (p = μμ, elect = electrolytic)
50 or less working volts are omitted except for electrolytic type.

| | | |
|---|---|---|
| C101 | 1-102-951-11 | 15p |
| C102 | 1-102-953-11 | 18p |

| Ref. No. | Part No. | | Description |
|---|---|---|---|
| C103~C106 | 1-102-257-11 | 0.0022 | |
| C107 | 1-102-875-11 | 7p | |
| C108 | 1-101-973-11 | 20p | |
| C109 | 1-101-978-11 | 10p | |
| C110 | 1-102-257-11 | 0.0022 | |
| C111 | 1-102-872-11 | 5p | |
| C201 | 1-102-257-11 | 0.0022 | |
| C202~C204 | 1-101-924-11 | 0.022 | |
| C205 | 1-102-257-11 | 0.0022 | |
| C206 | 1-101-924-11 | 0.022 | |
| C207,C208 | 1-102-257-11 | 0.0022 | |
| C209 | 1-102-977-11 | 200p | |
| C213 | 1-121-398-11 | 10 | 25V elect |
| C215 | 1-101-924-11 | 0.022 | |
| C216 | 1-121-402-11 | 33 | 10V elect |
| C217 | 1-102-977-11 | 200p | |
| C218,C219 | 1-101-924-11 | 0.022 | |
| C220 | 1-121-398-11 | 10 | 25V elect |
| C222~C225 | 1-101-924-11 | 0.022 | |
| C226 | 1-121-352-11 | 47 | 10V elect |
| C227 | 1-121-420-11 | 220 | 10V elect |
| C228 | 1-121-395-11 | 4.7 | 25V elect |
| C229 | 1-102-958-11 | 20p | |
| C301,C302 | 1-107-140-11 | 240p | silvered mica |
| C303 | 1-121-398-11 | 10 | 25V elect |
| C304 | 1-121-404-11 | 33 | 25V elect |
| C305 | 1-102-977-11 | 200p | |
| C307 | 1-127-021-11 | 0.33 | 10V solid aluminum |
| C308 | 1-102-977-11 | 200p | |
| C309 | 1-121-391-11 | 1 | 50V elect |
| C310 | 1-121-415-11 | 100 | 16V elect |
| C311 | 1-127-022-11 | 0.47 | 10V solid aluminum |
| C312 | 1-121-398-11 | 10 | 25V elect |
| C313 | 1-103-575-11 | 0.0047 | styrol |
| C317,C318 | 1-105-679-12 | 0.033 | mylar |
| C319,C320 | 1-105-673-12 | 0.01 | mylar (USA, Canada Model) |
| C319,C320 | 1-105-669-12 | 0.0047 | mylar (AEP, E and UK Model) |
| C321~C323 | 1-127-021-11 | 0.33 | 10V solid aluminum |
| C324 | 1-123-050-11 | 2.2 | 50V elect |

| Ref. No. | Part No. | | Description |
|---|---|---|---|
| C401 | 1-105-669-12 | 0.0047 | mylar |
| C402 | 1-101-924-11 | 0.022 | |
| C403 | 1-105-682-12 | 0.056 | mylar |
| C404 | 1-101-924-11 | 0.022 | |
| C405 | 1-105-677-12 | 0.022 | mylar |
| C406 | 1-105-673-12 | 0.01 | mylar |
| C407 | 1-105-677-12 | 0.022 | mylar |
| C408,C409 | 1-101-924-11 | 0.022 | |
| C410 | 1-121-415-11 | 100 | 16V elect |
| C411 | 1-101-924-11 | 0.022 | |
| C412 | 1-101-923-11 | 0.01 | |
| C413 | 1-105-685-12 | 0.1 | mylar |
| C414 | 1-101-924-11 | 0.022 | |
| C415,C416 | 1-121-392-11 | 3.3 | 25V elect |
| C417 | 1-101-884-11 | 56p | |
| C418 | 1-101-924-11 | 0.022 | |
| C419 | 1-105-675-12 | 0.015 | mylar |
| C420 | 1-105-677-12 | 0.022 | mylar |
| C421 | 1-121-414-11 | 100 | 10V elect |
| C422 | 1-105-679-12 | 0.033 | mylar |
| C423 | 1-121-395-11 | 4.7 | 25V elect |
| C424 | 1-101-924-11 | 0.022 | |
| C425 | 1-121-415-11 | 100 | 16V elect |
| C501(C551) | 1-121-914-11 | 3.3 | 50V elect |
| C502(C552) | 1-105-661-12 | 0.001 | mylar |
| C503 | 1-121-748-11 | 10 | 25V elect |
| C504(C554) | 1-102-112-11 | 330p | |
| C505(C555) | 1-121-912-11 | 1 | 50V elect |
| C506(C556) | 1-121-415-11 | 100 | 16V elect |
| C507(C557) | 1-105-667-12 | 0.0033 | mylar |
| C508(C558) | 1-105-673-12 | 0.01 | mylar |
| C509(C559) | 1-105-673-12 | 0.01 | mylar |
| C510(C560) | 1-102-816-11 | 120p | |
| C511(C561) | 1-121-912-11 | 1 | 50V elect |
| C512(C562) | 1-121-912-11 | 1 | 50V elect |
| C513(C563) | 1-105-679-12 | 0.033 | mylar |
| C514(C564) | 1-105-665-12 | 0.0022 | mylar |
| C515(C565) | 1-105-679-12 | 0.033 | mylar |
| C516(C566) | 1-121-912-11 | 1 | 50V elect |
| C517(C567) | 1-121-912-11 | 1 | 50V elect |

| Ref. No. | Part No. | | Description |
|---|---|---|---|
| C518(C568) | 1-121-414-11 | 100 | 10V elect |
| C519(C569) | 1-105-673-12 | 0.01 | mylar |
| C520(C570) | 1-102-957-11 | 18p | |
| C521 | 1-121-414-11 | 100 | 10V elect |
| C522 | 1-121-914-11 | 3.3 | 50V elect |
| C523 | 1-105-661-12 | 0.001 | mylar |
| C525 | 1-102-816-11 | 120p | |
| C526 | 1-121-912-11 | 1 | 50V elect |
| C527 | 1-121-402-11 | 33 | 10V elect |
| C529 | 1-121-748-11 | 10 | 25V elect |
| C601(C651) | 1-121-914-11 | 3.3 | 50V elect |
| C602(C652) | 1-121-409-11 | 47 | 16V elect |
| C603(C653) | 1-123-025-11 | 2.2 | 100V elect |
| C604(C654) | 1-105-681-12 | 0.047 | mylar |
| C605(C655) | 1-123-058-11 | 47 | 50V elect |
| C608(C658) | 1-102-112-11 | 330p | |
| C801~C804 | 1-105-725-12 | 0.1 | 100V mylar |
| C805,C806 | 1-123-135-11 | 5600 | 35V elect |
| C807 | 1-123-067-11 | 2200 | 25V elect |
| C808,C809 | 1-123-064-11 | 330 | 35V elect |
| C810 | 1-121-945-11 | 1000 | 35V elect |
| C811 | 1-105-685-12 | 0.1 | mylar |
| C812 | 1-121-410-11 | 47 | 25V elect |
| C813 | 1-121-914-11 | 3.3 | 50V elect |
| C814 | 1-121-935-11 | 100 | 25V elect |

### RESISTORS

All resistors are in Ω. ¼W, ±5%, carbon resistors (except special type) are omitted.
Check schematic diagram for the resistance values.
(k = 1000, M = 1000 k)

| | | | | |
|---|---|---|---|---|
| R323 | 1-202-560-11 | 300 | ½W | composition |
| R418 | 1-211-516-11 | 56 | | carbon (nonflammable) |
| R421 | 1-202-566-11 | 510 | ½W | composition |
| R432 | 1-211-516-11 | 56 | | carbon (nonflammable) |
| R607(R657) | 1-202-565-11 | 470 | ½W | composition |

| Ref. No. | Part No. | | Description |
|---|---|---|---|
| R801 | 1-244-825-11 | 10 | ½W carbon |
| R905 | 1-202-719-11 | 1M | ½W composition (USA, Canada Model) |
| RT201 | 1-222-761-00 | 1 k, adjustable (meter adj.) | |
| RT501 | 1-222-763-00 | 4.7 k, adjustable (separation adj.) | |
| RV501 (RV551) RV504 (RV554) | 1-224-102-00 | 250 k (B)/(M,N), variable (VOLUME, BALANCE) | |
| RV502 (RV552) | 1-222-544-00 | 50 k (B), variable (BASS) | |
| RV503 (RV553) | 1-222-544-00 | 50 k (B), variable (TREBLE) | |
| RV505 (RV555) | 1-222-542-00 | 100 k (C), variable (MIC MIXING) | |

### SWITCHES

| | | |
|---|---|---|
| S1 | 1-516-676-00 | Rotary/Slide (FUNCTION) |
| S2,S3 S5,S6 | 1-516-675-00 | Pushbutton, 4-key (MONITOR, MONO, MUTING) |
| S4 | 1-514-907-00 | Slide (MONITOR) |
| S7,S8 | 1-516-674-00 | Pushbutton, 2-key (LOUDNESS, HI-FILTER) |
| S9 | 1-516-673-00 | Rotary/Slide (SPEAKER) |
| S901 | 1-516-315-00 | Lever (POWER) (AEP, E and UK Model) |
| | 1-516-416-00 | Lever (POWER) (USA, Canada Model) |

### FILTERS

| | | |
|---|---|---|
| CF201 (CF202) | 1-527-220-00 | Fm I-f, ceramic; 10.7 MHz |

### FUSES

| | | |
|---|---|---|
| F901 | 1-532-259-00 | 1.6 AT (AEP, E and UK Model) |
| | 1-532-298-00 | 2 A (USA, Canada Model) |
| F902 | 1-532-298-00 | 2 A (Canada Model) |
| F902,F903 | 1-532-237-00 | 3.15 AT (AEP, E and UK Model) |
| F904 | 1-532-204-00 | 2 A (AEP, E and UK Model) |

| Ref. No. | Part No. | Description |
|---|---|---|
| | | **LAMPS** |
| PL901 | 1-518-236-00 | Meter |
| PL902, PL903 | 1-518-070-00 | Dial, 8 V 300 mA |
| PL904 | 1-518-230-00 | Pointer, dial |
| PL905 | 1-518-170-00 | Stereo, 4.5 V 40 mA |
| | | **MISCELLANEOUS** |
| CB601 (CB651) | 1-532-380-41 | Circuit Breaker, 2.2A |
| CNJ901, CNJ902 | 1-526-528-00 | Outlet, ac (USA, Canada Model) |
| CNJ903 | 1-509-551-00 | Connector, REC/PB |
| CP201 | 1-231-278-00 | Encapsulated Component |
| CP301, CP302 | 1-231-224-00 | Encapsulated Component |
| CP901 | 1-231-057-00 | Encapsulated Component (USA, Canada Model) |
| J901 | 1-507-448-00 | Jack, MIC |
| J902 | 1-507-265-00 | Jack, HEADPHONE |
| J903~J906, J953~J956 | 1-507-379-00 | Jack, phono; 8-P |
| J907(J957), J908(J958) | 1-507-365-00 | Jack, phono; 4-P |
| M901 | 1-520-130-41 | Meter, SIGNAL |
| TM901 | 1-536-469-00 | Terminal Strip (ANTENNA) |
| TM902, TM903 | 1-536-415-00 | Terminal Strip, 4-P |
| | 1-509-546-00 | Connector, ac input; 3-P (AEP, E and UK Model) |
| | 1-508-690-00 | Plug, voltage selector (AEP, E and UK Model) |
| | 1-533-051-00 | Holder, dial lamp |
| | 1-533-069-00 | Holder, fuse; 4-P (AEP, E and UK Model) |
| | 1-533-089-00 | Holder, fuse; 2-P (USA, Canada Model) |
| | 1-534-526-00 | Cord, power (USA Model) |
| | 1-534-819-00 | Cord, power (UK Model) |
| | 1-534-985-00 | Cord, power (Canada Model) |
| | 1-536-430-00 | Terminal Strip, 1L1 |
| | 1-535-089-00 | Pin, terminal |
| | | **ACCESSORIES AND PACKING MATERIALS** |
| | X-3701-029-0 | Card Ass'y, warranty (USA Model) |
| | X-4490-002-0 | Cloth Ass'y, polishing |
| | 1-501-161-11 | Ribbon Antenna, fm |
| | 1-534-754-00 | Cord, power (E Model) |
| | 3-429-126-00 | Bag, polyethylene; receiver |
| | 3-701-020-00 | Bag, polyethylene; instruction manual |
| | 3-701-730-00 | Bag, polyethylene; IBM card (USA Model) |
| | 3-701-742-00 | Card, IBM (USA Model) |
| | 3-780-481-13 | Manual, instruction (Canada, AEP, E and UK Model) |
| | 3-780-481-23 | Manual, instruction (USA Model) |
| | 4-838-830-00 | Carton |
| | 4-838-831-00 | Cushion |



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