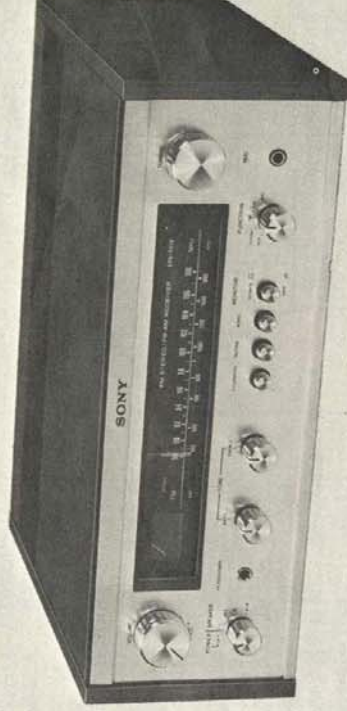


# STR-7015

USA Model  
Canada Model  
UK Model  
AEP Model



## FM STEREO / FM-AM RECEIVER

### SPECIFICATIONS

#### FM SECTION

Tuning Range: 87.5 — 108 MHz  
Intermediate Frequency: 10.7 MHz  
Antenna Terminals: 300  $\Omega$ , balanced  
75  $\Omega$ , unbalanced  
Sensitivity: 2.2  $\mu$ V, IHF  
1.7  $\mu$ V, S/N = 26 dB (1 kHz, 40 kHz deviation)  
(UK, AEP Model)  
S/N = 30 dB (USA, Canada Model)

Image Rejection: 55 dB  
IF Rejection: 90 dB  
Spurious Rejection: 78 dB  
AM Suppression: 55 dB  
Capture Ratio: 3 dB  
Selectivity: 60 dB, IHF  
S/N Ratio: 68 dB

Frequency Response: 30 — 15,000 Hz  $\pm$ 0 dB  
Harmonic Distortion: Mono: 0.3% Stereo 0.8%  
at 400 Hz, 100% modulation  
(75 kHz deviation)

Stereo Separation: 35 dB at 400 Hz

#### AM SECTION

Tuning Range: 530 — 1,605 kHz  
Intermediate Frequency: 455 kHz (USA Model)  
468 kHz (Canada, UK, AEP Model)  
Antenna: Built-in ferrite-rod antenna and external antenna terminal  
Sensitivity: 48 dB/m, built-in antenna  
30  $\mu$ V, 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**<sup>®</sup>  
**SERVICE MANUAL**

## AUDIO AMPLIFIER SECTION

### Continuous RMS

**Power Output:** Less than 0.8% THD, both channels driven simultaneously

At 40–20,000 Hz

15+15W (8Ω)

At 1 kHz

16+16W (8Ω)

18+18W (4Ω)

According to DIN 45500

15+15W (8Ω)

18+18W (4Ω)

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

**Damping Factor:** 25 at 1 kHz (8Ω)

**Residual Noise:** Less than 0.08 microwatt

**IM Distortion:** Less than 0.8% at rated output

(60 Hz: 7 kHz = 4:1)  
Less than 0.1% at 1W output

### Frequency response:

PHONO	RIAA equalization curve $\pm 2$ dB
MIC	30–10,000 Hz $+0_{-3}$ dB
AUX TAPE REC/PB (input)	30–40,000 Hz $+0_{-3}$ dB

### Output Voltage and Impedance:

	Voltage	Impedance	Input level
REC OUT	250 mV	10 kΩ	PHONO 2.5 mV MIC 2 mV
REC/PB (output)	30 mV	82 kΩ	AUX } TAPE } 250 mV REC/PB } (input)

**HEADPHONES:** Accepts 8Ω–10 kΩ headphones.

**SPEAKER:** Accepts 4–16 Ω speakers.

**Tone controls:** BASS  $\pm$ dB at 100 Hz

TREBLE  $\pm$ dB at 10 kHz

### Loudness

**controls:**

+8 dB at 50 Hz, +4 dB at 10 kHz  
(Attenuation: 30 dB)

### GENERAL

**Power Requirements:** 120 V AC, 60 Hz (USA, Canada Model)

110, 127, 220 or 240 V AC, 50/60 Hz

(UK, AEP Model)

**Power Consumption:** 85 W (USA Model)

110 W (Canada Model)

160 W (UK, AEP Model)

**Ac Outlets:** 2 unswitched, total 300 W (USA, Canada Model)

### Dimensions:

Approx.

427(w) x 149(h) x 340(d) mm

16 $\frac{7}{8}$ (w) x 57 $\frac{1}{8}$ (h) x 13 $\frac{3}{8}$ (d) inches } (USA, Canada Model)

427(w) x 149(h) x 345(d) mm } (UK, AEP Model)

16 $\frac{7}{8}$ (w) x 57 $\frac{1}{8}$ (h) x 13 $\frac{3}{8}$ (d) inches } (UK, AEP Model)

including projecting parts and controls

### Weight:

Approx. 7.4 kg. 16 lb 5 oz (net)

Approx. 9.7 kg. 21 lb 6 oz (with shipping carton)

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

	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 REC/PB (input)	250 mV	100 kΩ	80 dB	A

**Note:** Measured with rated output power into 8 Ω loads (both channels driven simultaneously) at 1 kHz.

### Applicable Serial No.

USA Model ..... Serial No. 802,001 and later

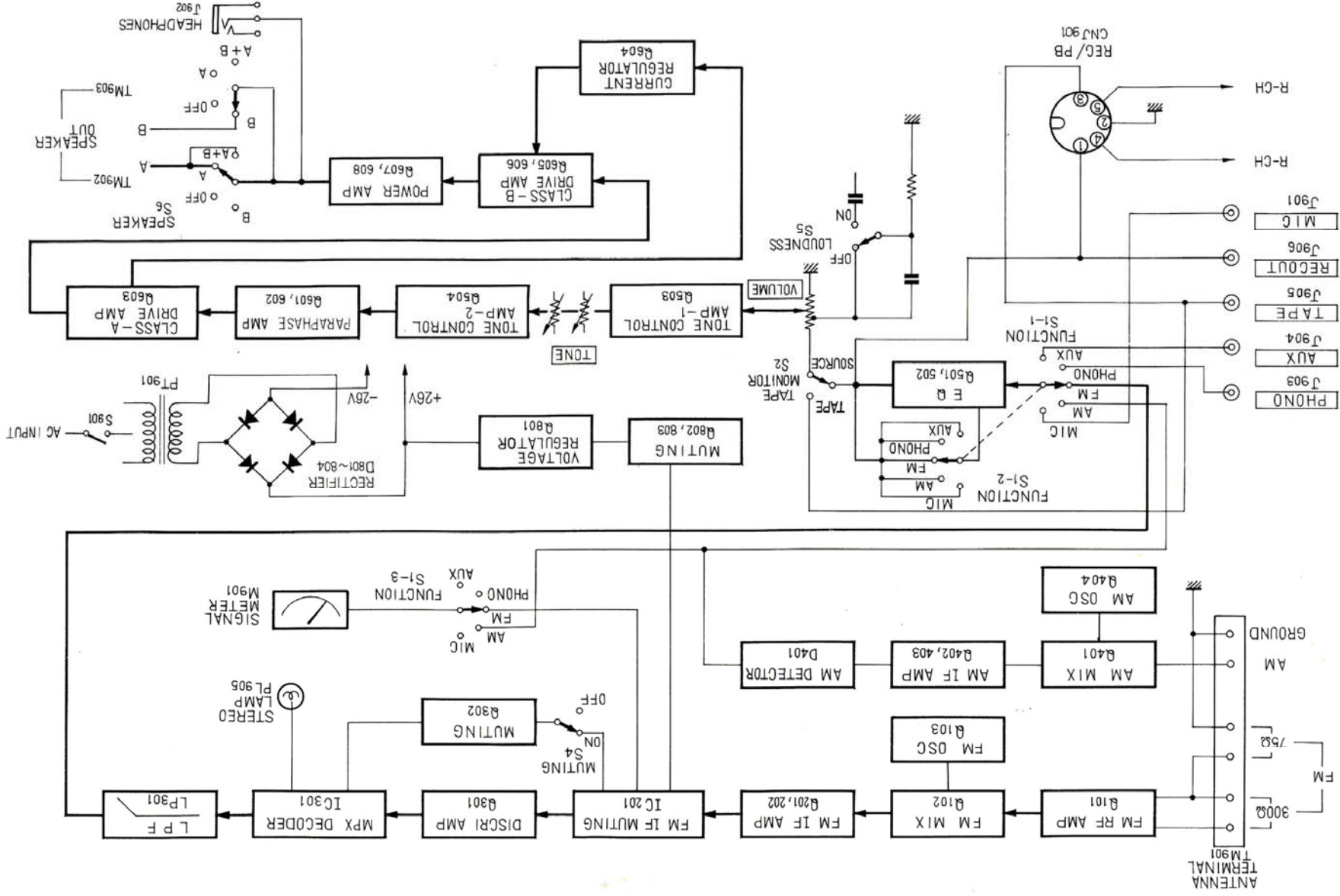
Canada Model ..... Serial No. 700,001 and later

UK Model ..... Serial No. 600,001 and later

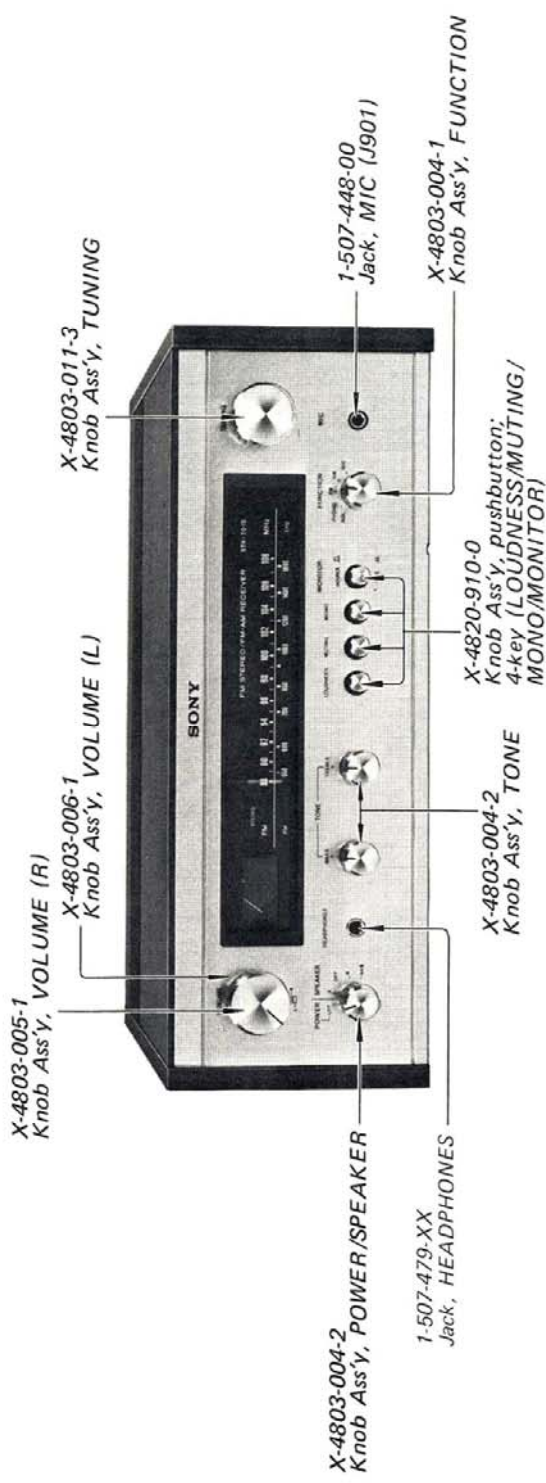
AEP Model ..... Serial No. 500,001 and later

# SECTION 1 OUTLINE

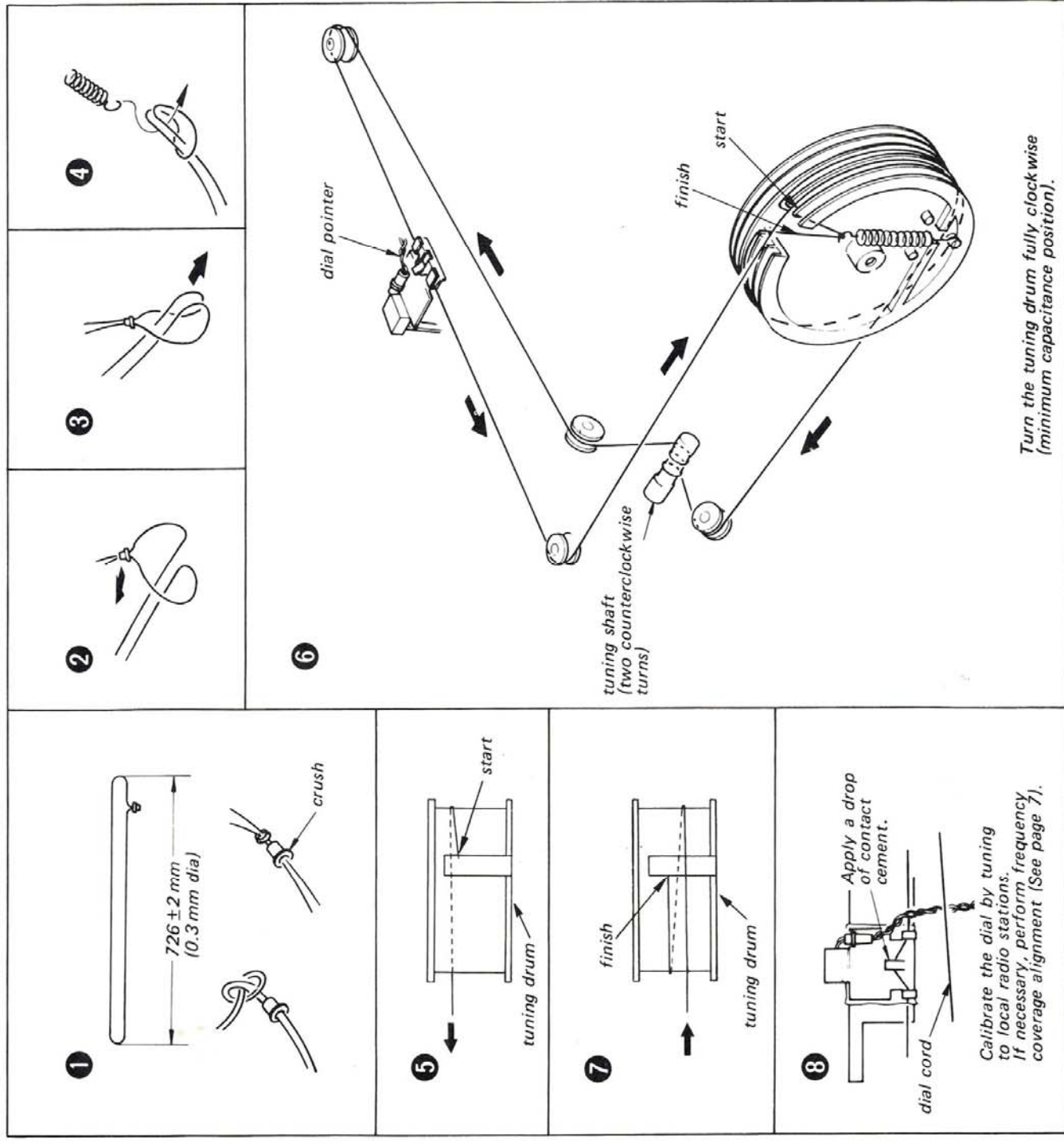
1-1. BLOCK DIAGRAM



## 1-2. EXTERNAL VIEW



## 1-3. DIAL CORD STRINGING



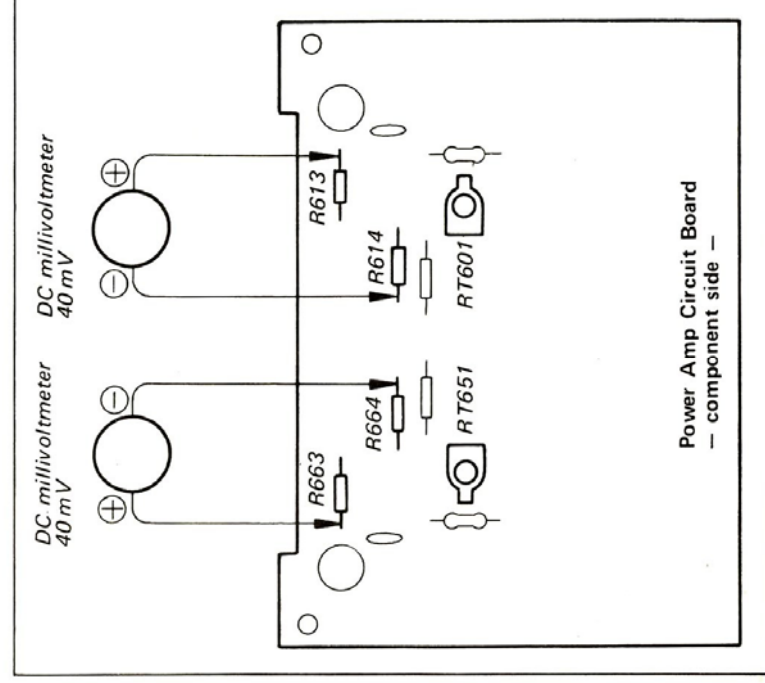
## SECTION 2 ALIGNMENTS AND ADJUSTMENTS

### 2-1. DC BIAS ADJUSTMENT

**Note:** Allow about five minutes for warming up the set.

**Procedure:**

1. Turn on the POWER switch, and increase the ac line voltage up to the rated value by using a variable transformer.
2. Adjust RT601(L) and RT651(R) for 40 mV reading on the meter with no signal input.



## 2-2. FM IF AND DISCRIMINATOR ALIGNMENTS (See p.7 for the procedure.)

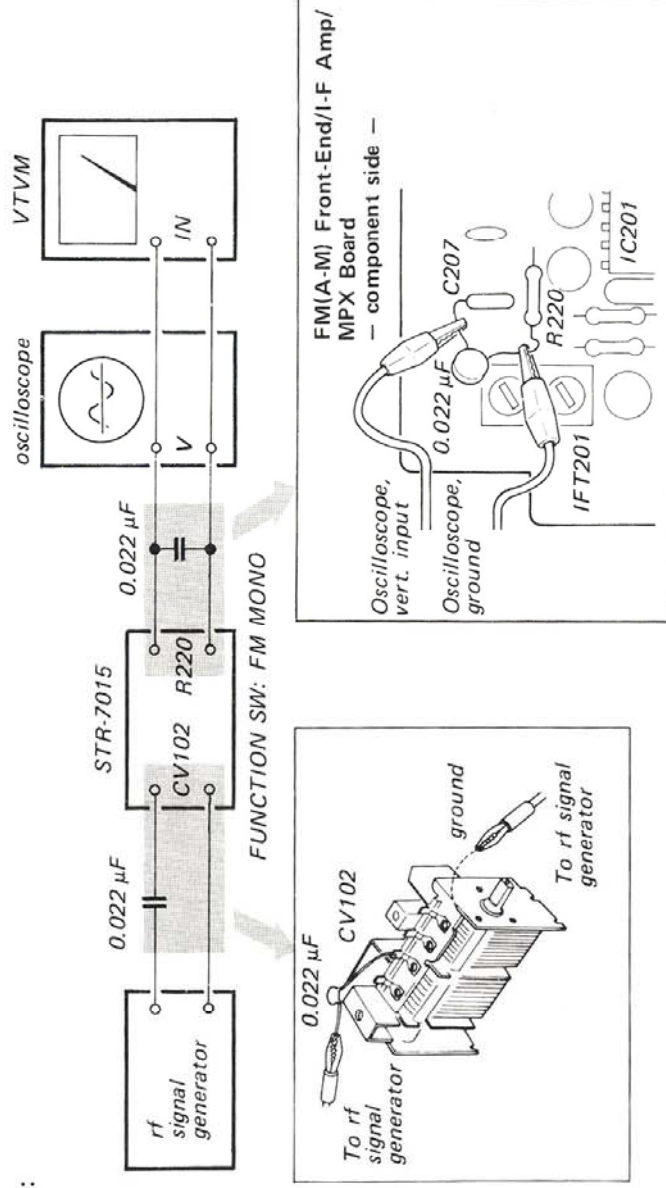
### FM I-F CERAMIC FILTERS

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

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

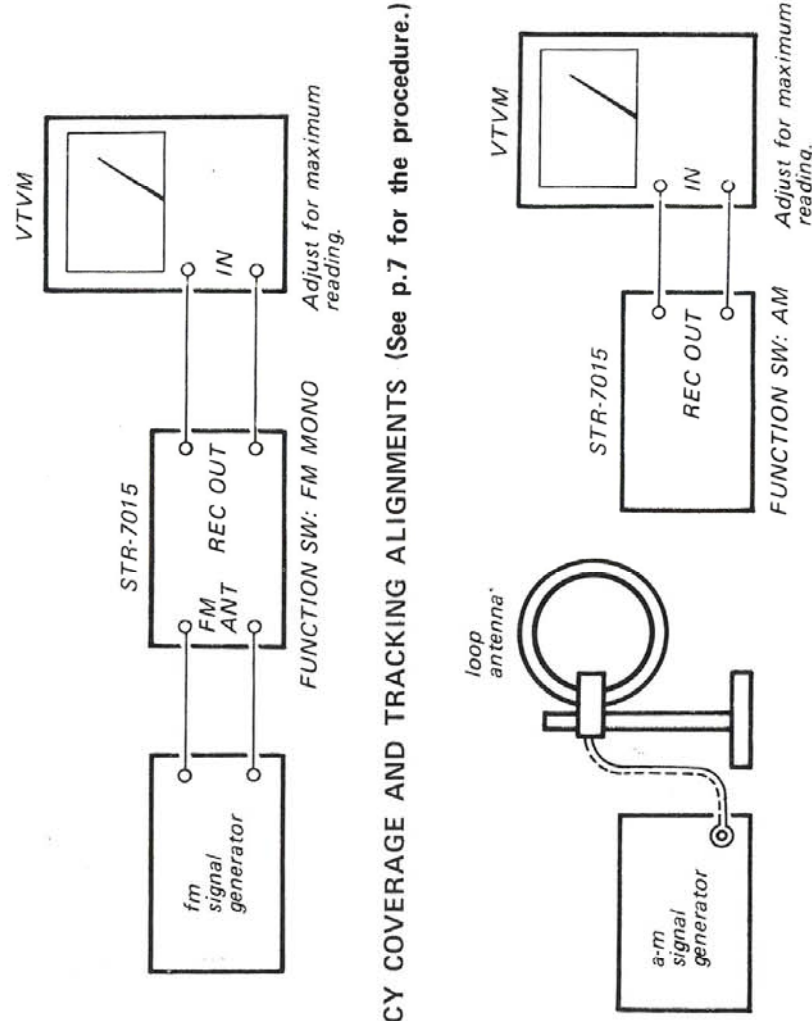


Setup:



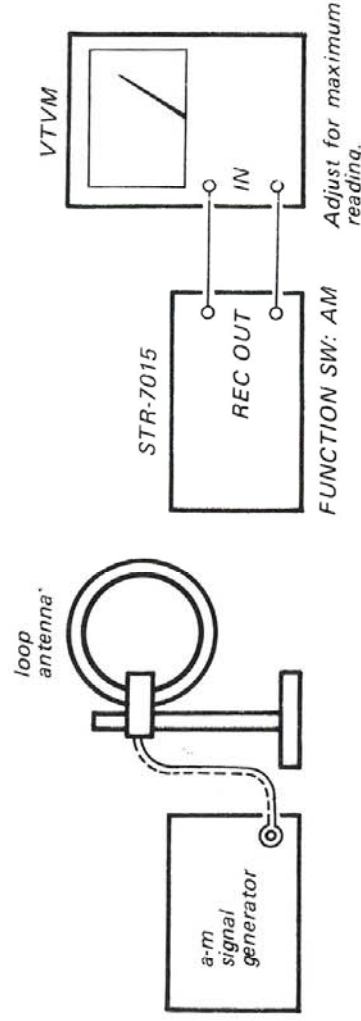
## 2-3. FM FREQUENCY COVERAGE AND TRACKING ALIGNMENTS (See p.7 for the procedure.)



Setup:



## 2-4. AM FREQUENCY COVERAGE AND TRACKING ALIGNMENTS (See p.7 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-7015 to SG signal.
2	AM 400 Hz 30 %	Oscilloscope  <i>Adjust</i> 
3	FM 400 Hz 75 kHz deviation (100 %)	Adjust for maximum reading on VTVM.

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

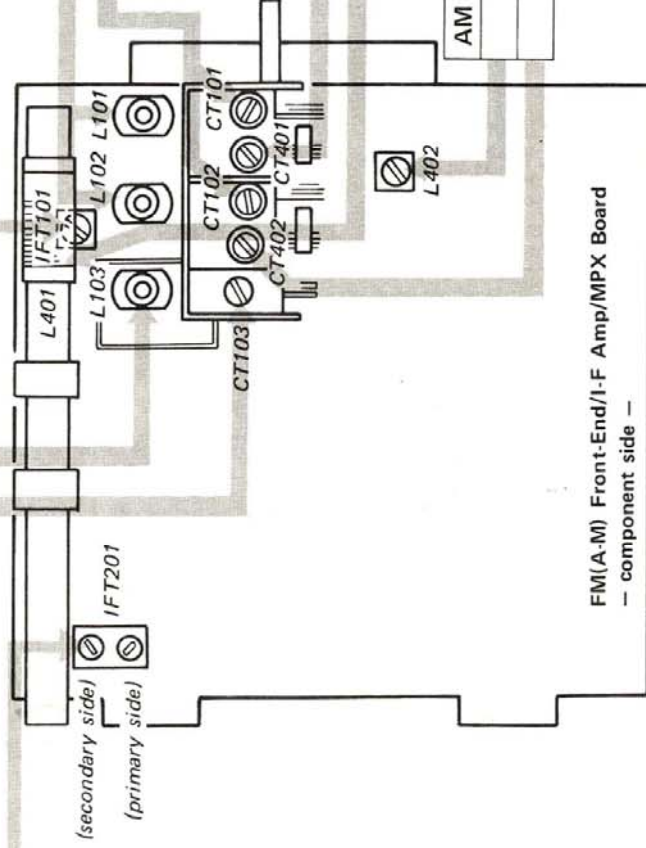
Note: ※ West Germany Model only.

FM TRACKING ALIGNMENT
87.5 MHz (modulated)
108.4 MHz (※ 108.0 MHz) (modulated)

Note: ※ West Germany Model only.

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

AM FREQUENCY COVERAGE	DIAL INDICATION
550 kHz (modulated)	550 kHz
1,600 kHz (modulated)	1600 kHz

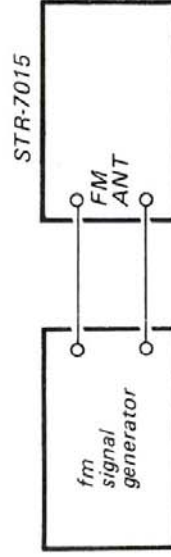


## 2-5. A-M I-F ALIGNMENT

Note: No alignment is necessary.  
The alignment is done already in Factory.

## 2-6. SIGNAL METER CALIBRATION

Setup:

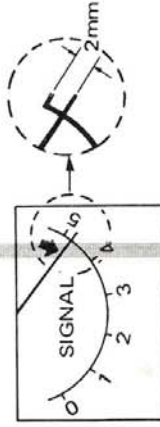


### FM Signal Generator Setting:

Carrier frequency: 98 MHz  
Modulation: 400 Hz, 75 kHz deviation (100%)  
Output level: 70 dB

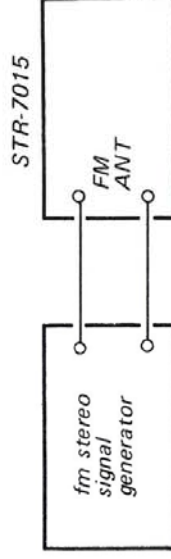
### Procedure:

1. Precisely tune the receiver to 98 MHz.
2. Adjust **RT201** for the specified position on the SIGNAL meter.



## 2-7. 19kHz ADJUSTMENT

Setup:

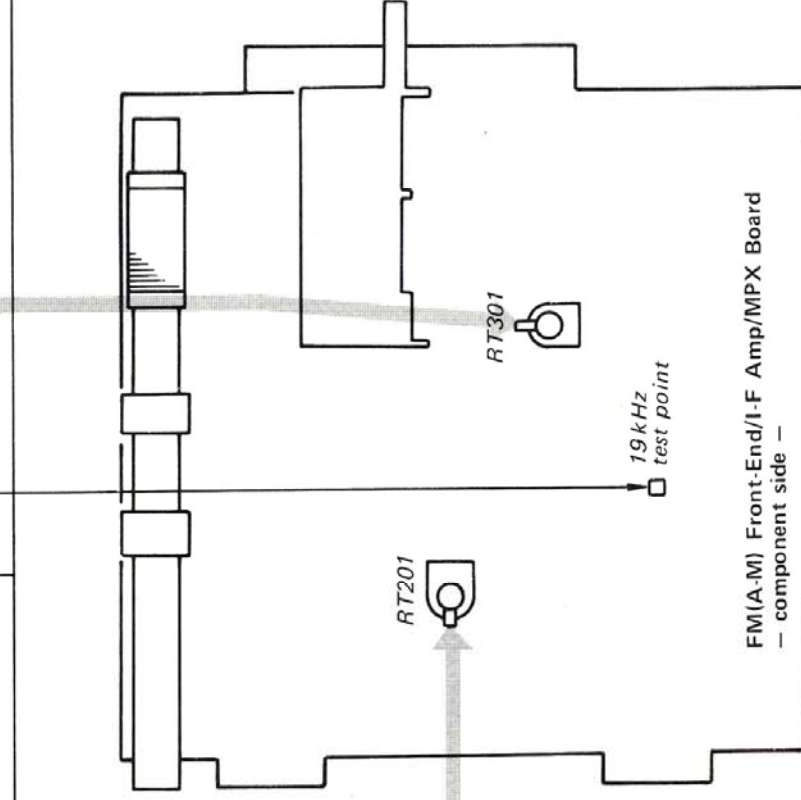
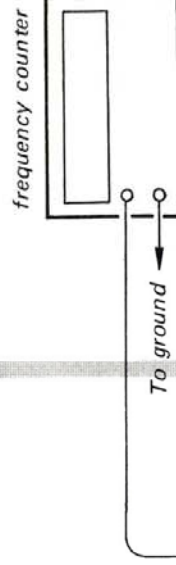


### FM Stereo Signal Generator Setting:

Carrier frequency: 98 MHz  
Modulation: 400 Hz, 75 kHz deviation (100%)  
Output level: 70 dB

### Procedure:

1. Tune the receiver to 98 MHz.
2. Adjust **RT301** for 19 kHz  $\pm 30$  Hz on the counter.





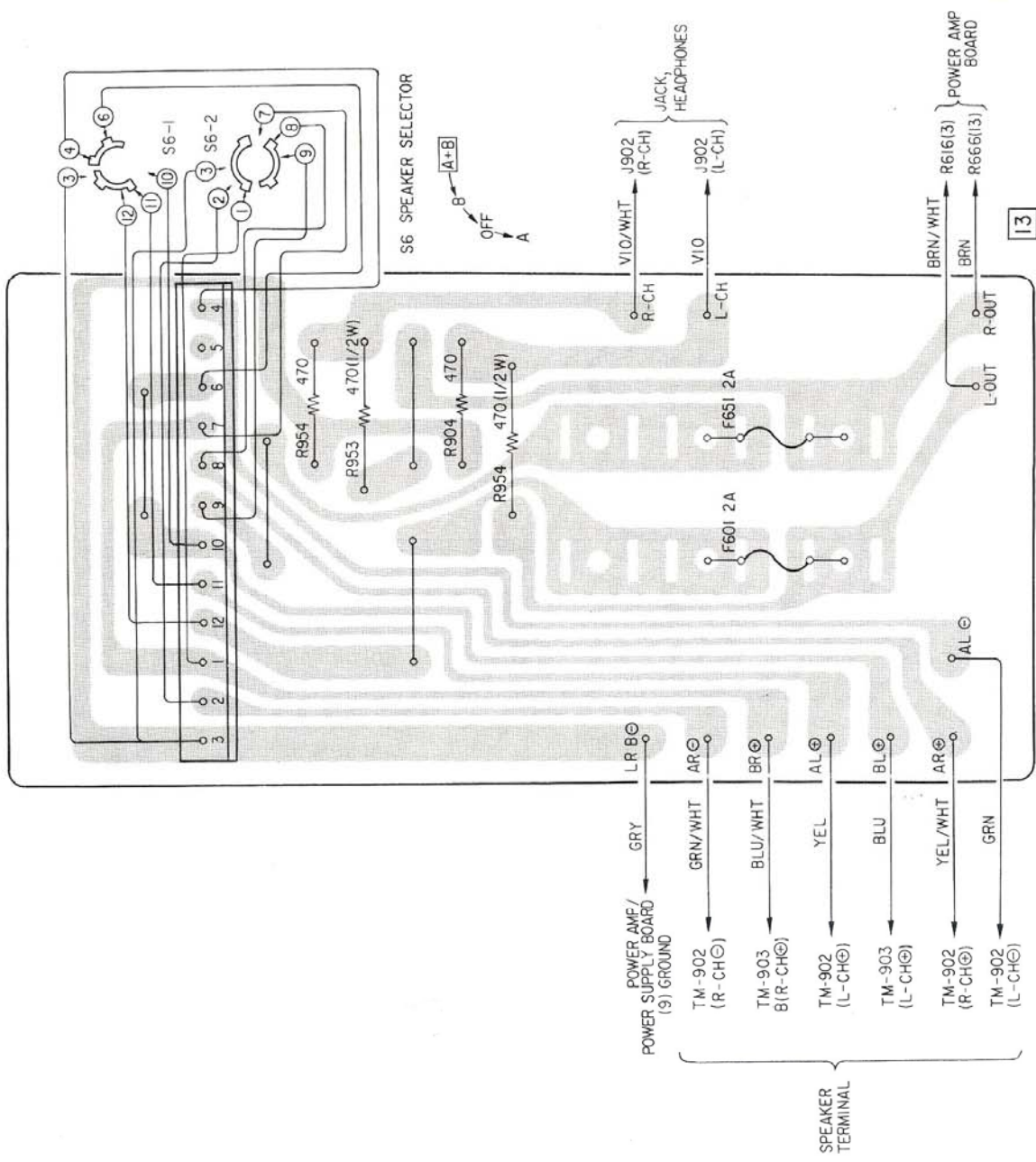
# MEMO

A series of horizontal dotted lines for writing, spanning the width of the page.

# SECTION 4 DIAGRAMS

4-1. MOUNTING DIAGRAM — AC/Speaker Board —  
— Conductor Side —

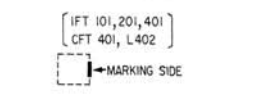
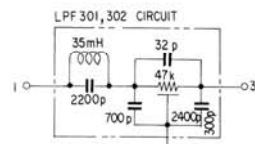
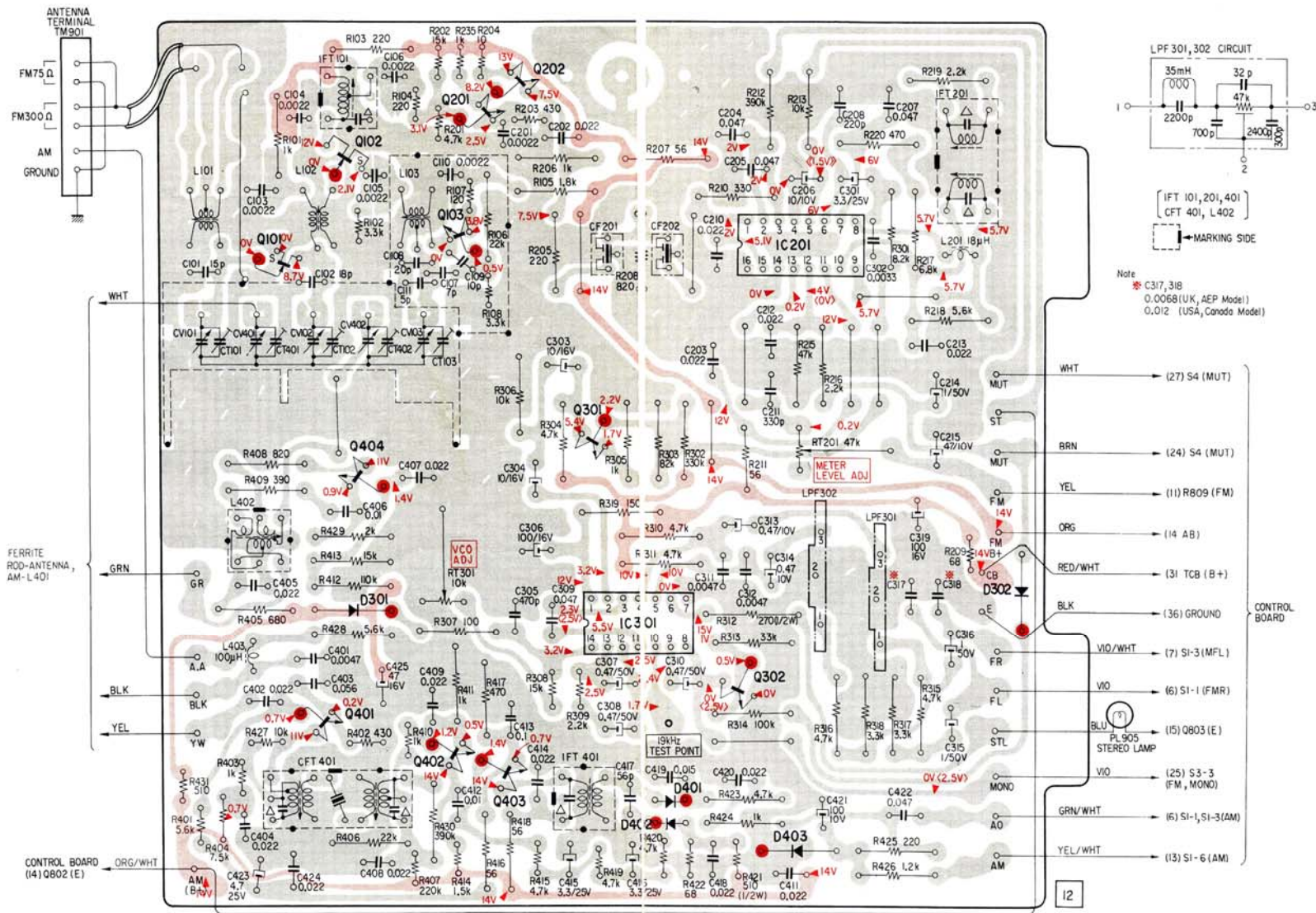
- USA Model ..... Serial No. 802,001 and later
- Canada Model ..... Serial No. 700,001 and later
- UK Model ..... Serial No. 600,001 and later
- AEP Model ..... Serial No. 500,001 and later



4-2. MOUNTING DIAGRAM - Fm (A-m) Front-End/I-f Amp/MPX Board -

- Conductor Side -

USA Model ..... Serial No. 802,001 and later  
 Canada Model ..... Serial No. 700,001 and later  
 UK Model ..... Serial No. 600,001 and later  
 AEP Model ..... Serial No. 500,001 and later



Note  
 \* C317, 318  
 0.0068 (UK, AEP Model)  
 0.012 (USA, Canada Model)

- Q101** 2SK42
- Q102** 2SK23
- Q201, 202** 2SC403C
- Q301** 2SC631A
- Q302, 401** 2SC633A
- Q103, 402** 2SC710
- Q403, 404** 2SC710
- D301, 302** 1S1555
- D401, 402** 1T22A
- D403** 1T40
- IC201** HA1137
- IC301** HA1156

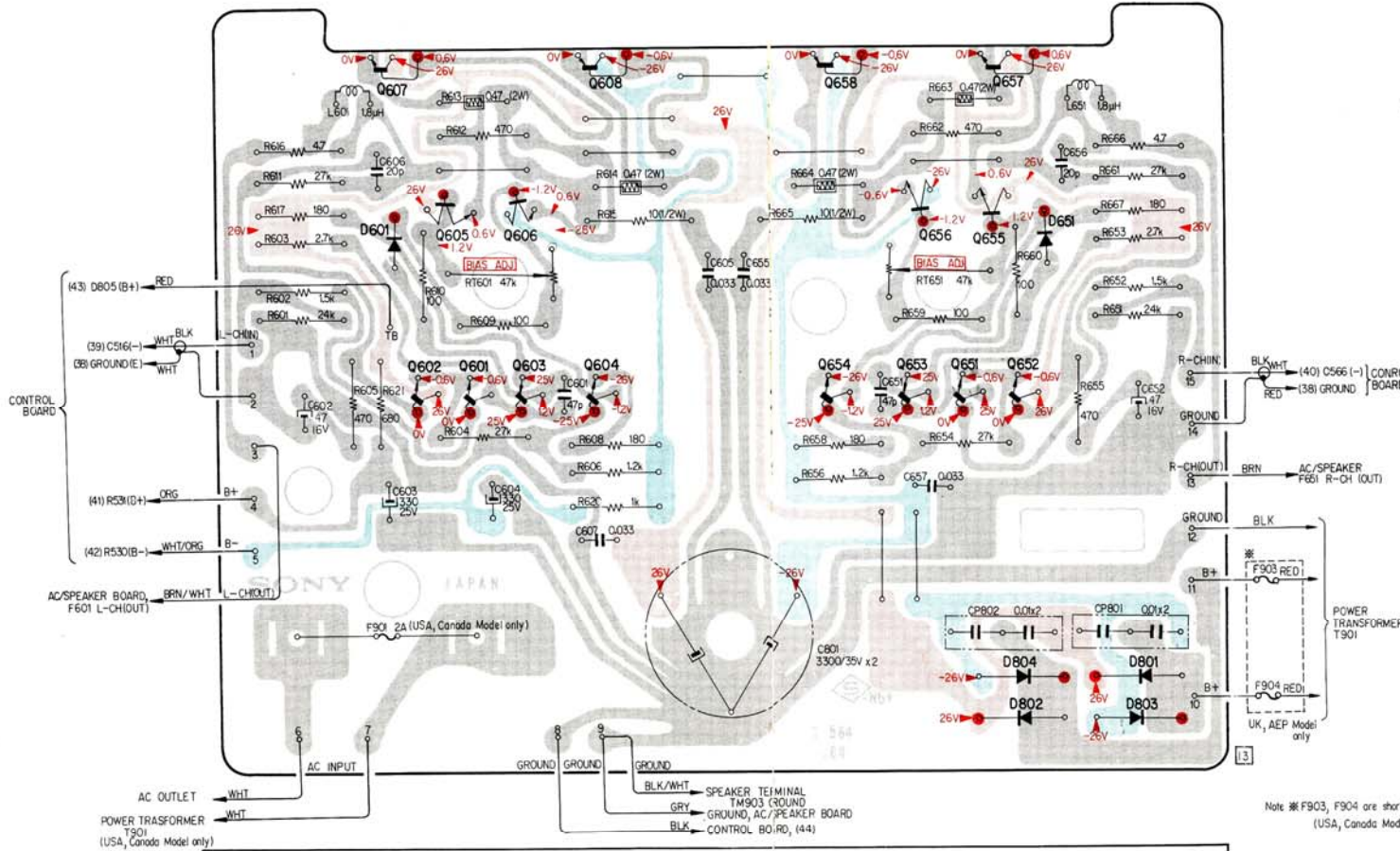
Note: < > : STEREO operation  
 ▲ ▼ : MUTING ON  
 [ ] : B+ pattern

Q	101	102	201	202			
IC		404	103		301	IC201	
		401	402	403		302	
D		301			401	403	302
					402		

4-3. MOUNTING DIAGRAM – Power Amp/Power Supply Board –

– Conductor Side –

USA Model ..... Serial No. 802,001 and later  
 Canada Model ..... Serial No. 700,001 and later  
 UK Model ..... Serial No. 600,001 and later  
 AEP Model ..... Serial No. 500,001 and later



- |                   |                    |                        |        |
|-------------------|--------------------|------------------------|--------|
| Q601, 602<br>Q604 | 2SC632A<br>2SC634A | Q606                   | 2SA706 |
|                   |                    |                        |        |
| Q603              | 2SA705             | Q608                   | 2SA671 |
|                   |                    |                        |        |
| Q605              | 2SC1124            | D601, 651              | SV-04F |
|                   |                    |                        |        |
| Q607              | 2SC1061            | D801, 802<br>D803, 804 | 10E-2  |
|                   |                    |                        |        |

Note \* F903, F904 are short-circuited (USA, Canada Model only)

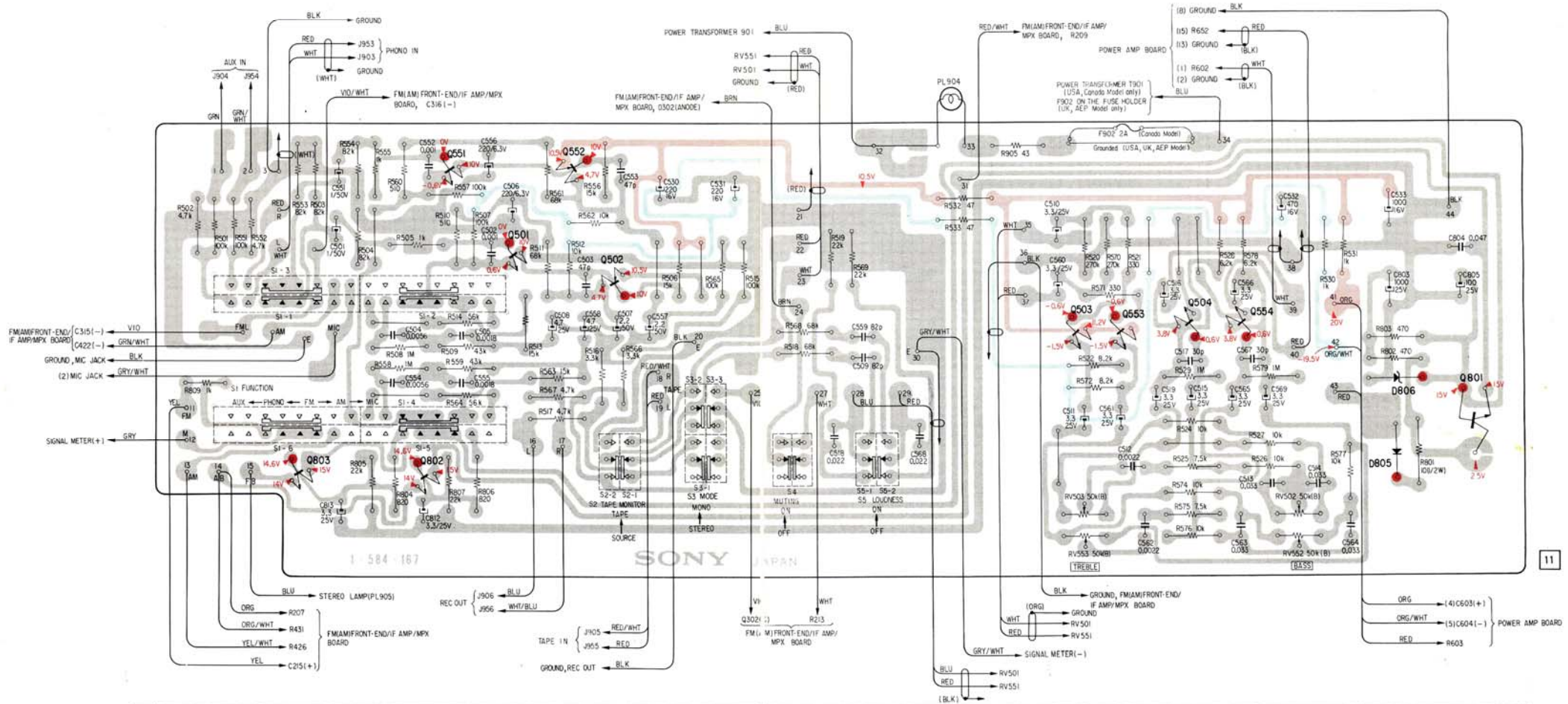
Note:    : B+ pattern  
   : B- pattern

Q	607	605	601	606	603	604	658	656	651	655	652		
D		601									804	651	801
											802		803

4-4. MOUNTING DIAGRAM - Control Board -

- Conductor Side -

USA Model ..... Serial No. 802,001 and later  
 Canada Model ..... Serial No. 700,001 and later  
 UK Model ..... Serial No. 600,001 and later  
 AEP Model ..... Serial No. 500,001 and later



Q		551	501	552	502		503	553	504	554		801
D	803	802										806 805

Q501, 551 } 2SC631A  
 Q504, 554 }  
 Q503, 553 } 2SC634A

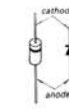
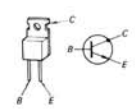
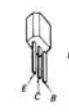
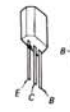
Q502, 552 2SA705

Q801 2SC1060

Q802, 803 2 C1364

D806 EQA-01-16

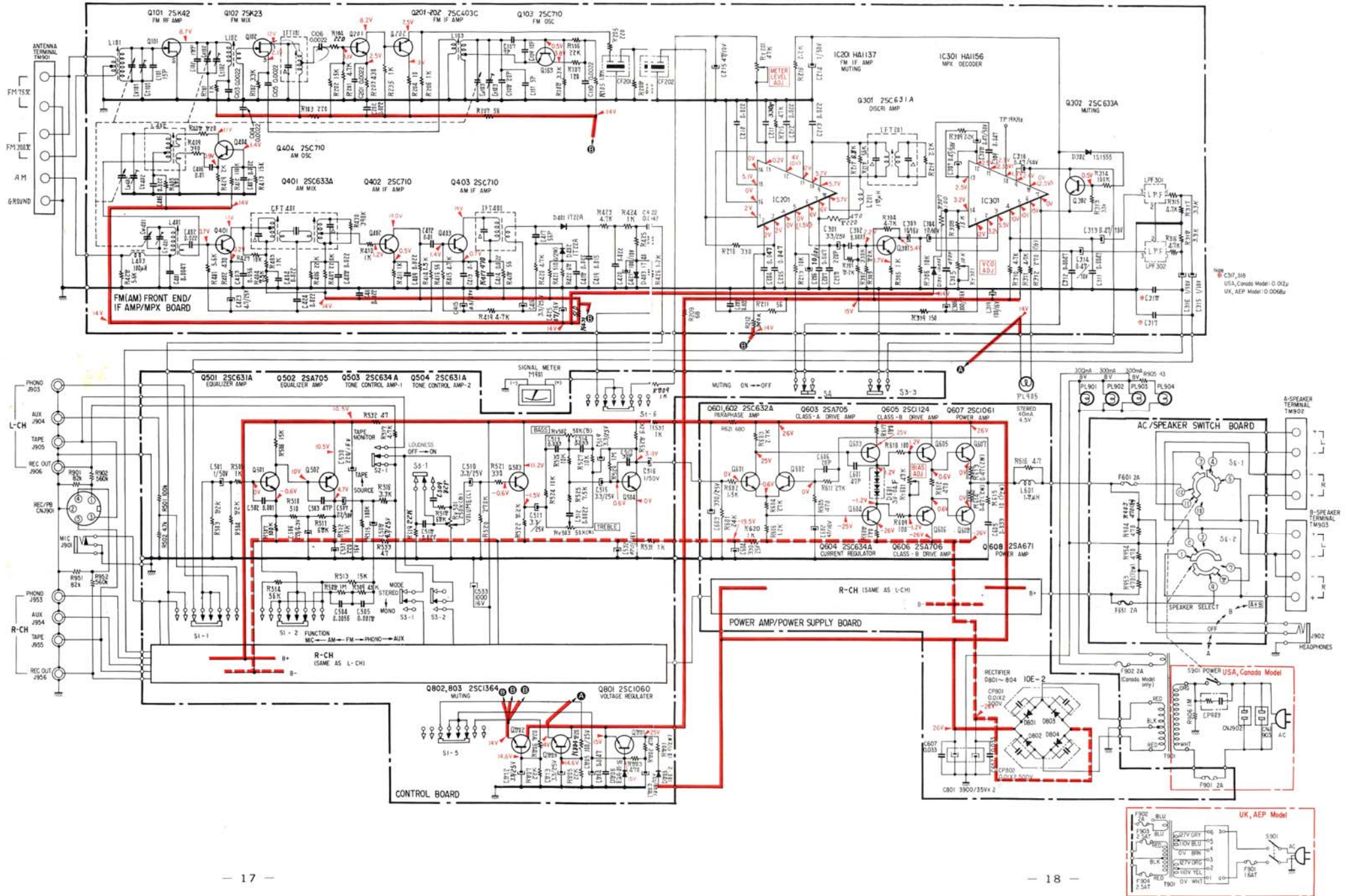
D805 10E-2



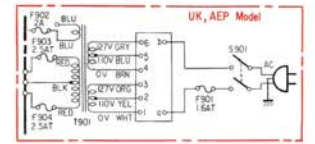
Note: — : B+ pattern  
— : B- pattern

4-5. SCHEMATIC DIAGRAM

USA Model ..... Serial No. 802,001 and later  
 Canada Model ..... Serial No. 700,001 and later  
 UK Model ..... Serial No. 600,001 and later  
 AEP Model ..... Serial No. 500,001 and later



NS C37, 318  
 USA, Canada Model: 0.012  
 UK, AEP Model: 0.0066



**Note:**

- All capacitors are in  $\mu\text{F}$  unless otherwise noted. 50 or less working volts are omitted except for electrolytic type.  
p =  $\mu\mu\text{F}$
- All resistors are in  $\Omega$ ,  $\frac{1}{2}\text{W}$ , unless otherwise noted.  
k = 1,000 M = 1,000 k
- Voltages are DC with respect to ground unless otherwise noted. Readings taken under no-signal conditions with a VOM (20k $\Omega$ /V).
- Voltage variations may be noted due to normal production tolerances.

◀ : STEREO operation

▶ : MUTING ON

■ : indicates B + line

■ : indicates B - line

● **Switch Mode:**

Ref. No.	Switch	Position
S1	FUNCTION	FM
S2	MONITOR	SOURCE
S3	MODE	STEREO
S4	MUTING	OFF
S5	LOUDNESS	OFF
S6	SPEAKER	A + B
S7	POWER	OFF







## SECTION 6 ELECTRICAL PARTS LIST

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
<b>COMPLETE CIRCUIT BOARDS</b>					
A-4351-039-A	Fm (A-m)	Front-End/I-f Amp/MPX (USA, Canada Model)	C103~106 C107	1-102-257-11	0.0022 ceramic
A-4351-040-A	Fm (A-m)	Front-End/I-f Amp/MPX (UK, AEP Model)	C108	1-102-804-11	20 p ceramic
A-4375-042-A	Control (USA, UK, AEP Model)		C109	1-101-978-11	10 p ceramic
A-4375-043-A	Control (Canada Model)		C110	1-102-257-11	0.0022 ceramic
A-4388-057-A	Power Amp/Power Supply (USA, Canada Model)		C111	1-102-872-11	5 p ceramic
A-4388-058-A	Power Amp/Power Supply (UK, AEP Model)		C201	1-102-257-11	0.0022 ceramic
A-4474-020-A	AC/Speaker		C202,203	1-101-924-11	0.022 ceramic
X-4826-421-A	Connector, REC/PB		C204,205	1-101-925-11	0.047 ceramic
			C206	1-121-469-11	10 10 V elect
			C207	1-105-681-12	0.047 mylar
			C208	1-102-978-11	220 p ceramic
			C210	1-101-924-11	0.022 ceramic
			C211	1-102-820-11	330 p ceramic
			C212,213	1-101-924-11	0.022 ceramic
			C214	1-121-391-11	1 50 V elect
			C215	1-121-352-11	47 10 V elect
			C301	1-121-392-11	3.3 25 V elect
			C302	1-105-667-12	0.0033 mylar
			C303,304	1-121-651-11	10 16 V elect
			C305	1-103-717-11	470 p styrol
			C306	1-121-415-11	100 16 V elect
			C307,308	1-121-726-11	0.47 50 V elect
			C309	1-105-681-12	0.047 mylar
			C310	1-121-726-11	0.47 50 V elect
			C311,312	1-105-669-12	0.0047 mylar
			C313,314	1-127-022-11	0.47 10 V solid aluminum
			C315,316	1-121-391-11	1 50 V elect
			C317,318	1-105-514-12	0.012 mylar (USA, Canada Model)
				1-105-671-12	0.0068 mylar (UK, AEP Model)
			C319	1-121-415-11	100 16 V elect
			C401	1-105-669-12	0.0047 mylar
			C402	1-101-924-11	0.022 ceramic
			C403	1-105-682-12	0.056 ceramic
			C404	1-101-924-11	0.022 ceramic
			C405	1-105-677-12	0.022 mylar
			C406	1-105-673-12	0.01 mylar
			C407	1-105-677-12	0.022 mylar
<b>TRANSFORMERS, COILS AND INDUCTORS</b>					
IFT101	1-403-914-00	IFT, 10.7 MHz			
IFT201	1-404-011-00	Transformer, discriminator			
IFT401	1-403-149-00	IFT, 455 kHz			
	1-403-150-00	I-f Trans./Ceramic Filter (USA, Canada Model)			
CFT401	1-403-830-00	I-f Trans./Ceramic Filter (UK, AEP Model)			
L101	1-401-541-00	Coil, fm antenna			
L102	1-405-599-00	Coil, fm rf			
L103	1-405-598-00	Coil, fm osc			
L201	1-407-160-XX	Microinductor 18 $\mu$ H			
L401	1-401-425-41	Ferrite rod antenna, a-m			
L402	1-405-444-00	Coil, a-m osc			
L403	1-407-169-XX	Microinductor 100 $\mu$ H			
L601,651	1-407-592-51	Microinductor 1.8 $\mu$ H			
	1-442-478-00	Transformer, power (AEP Model)			
	1-442-479-00	Transformer, power (Canada Model)			
	1-442-480-00	Transformer, power (USA Model)			
	1-442-482-00	Transformer, power (UK Model)			
T901					
<b>CAPACITORS</b>					
All capacitors are in $\mu$ F unless otherwise indicated. 50 or less working volts are omitted except for electrolytic type. (elect = electrolytic, p = $\mu$ F)					
C101	1-102-951-11	15 p ceramic			
C102	1-102-953-11	18 p ceramic			

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
C408,409	1-101-924-11	0.022 ceramic	C605,655	1-105-679-12	0.033 mylar
C411	1-101-924-11	0.022 ceramic	C606,656	1-102-958-11	20p ceramic
C412	1-101-923-11	0.01 ceramic	C607,657	1-105-679-12	0.033 mylar
C413	1-105-685-12	0.1 mylar			
C414	1-101-924-11	0.022 ceramic	C801	1-125-095-11	(3900 + 3900) 35 V elect
			C802		
C415,416	1-121-392-11	3.3 25 V elect	C803	1-123-066-11	1000 25 V elect
C417	1-101-884-11	56p ceramic	C804	1-105-681-12	0.047 mylar
C418	1-101-924-11	0.022 ceramic	C805	1-121-935-11	100 25 V elect
C419	1-105-675-12	0.015 mylar	C812,813	1-121-392-11	3.3 25 V elect
C420	1-105-677-12	0.022 mylar			
C421	1-121-414-11	100 10 V elect			
C422	1-105-681-12	0.047 mylar			
C423	1-121-395-11	4.7 25 V elect			
C424	1-101-924-11	0.022 ceramic			
C425	1-121-409-11	47 16 V elect			
C501,551	1-121-912-11	1 50 V elect	R312	1-202-559-11	270 ¼ W composition
C502,552	1-105-661-12	0.001 mylar	R421	1-202-566-11	510 ½ W composition
C503,553	1-101-880-11	47p ceramic	R529,579	1-244-745-09	1 M ¼ W low-noise
C504,554	1-105-670-12	0.0056 mylar	R530,531	1-211-935-11	1 k ¼ W nonflammable
C505,555	1-105-664-12	0.0018 mylar	R532,533	1-211-514-11	47 ¼ W nonflammable
C506,556	1-121-419-11	220 6.3 V elect	R608,658	1-211-528-11	180 ¼ W nonflammable
C507,557	1-123-050-11	2.2 50 V elect	R613,663		
C508,558	1-121-395-11	4.7 25 V elect	R614,664	1-217-153-11	0.47 2 W nonflammable
C509,559	1-102-971-11	82p ceramic	R615,665	1-202-525-11	10 ½ W composition
C510,560			R617,667	1-211-528-11	180 ¼ W nonflammable
C511,561	1-121-913-11	3.3 25 V elect			
			R620	1-211-935-11	1 k ¼ W nonflammable
C512,562	1-105-665-12	0.0022 mylar	R621	1-211-542-11	680 ¼ W nonflammable
C513,563	1-105-679-12	0.033 mylar			
C514,564			R801	1-211-590-11	10 ½ W nonflammable
C515,565	1-121-913-11	3.3 25 V elect	R802,803	1-211-538-11	470 ¼ W nonflammable
C516,566	1-121-912-11	1 50 V elect			
			R903,953	1-202-565-11	470 ½ W composition
C517,567	1-102-962-11	30p ceramic	R906	1-202-719-11	1 M ½ W composition
C518,568	1-105-677-12	0.022 mylar			(USA, Canada Model only)
C519,569	1-121-913-11	3.3 25 V elect	RT201	1-222-765-00	47k adjustable
			RT301	1-222-752-00	10k adjustable
C530,531	1-121-421-11	220 16 V elect	RT601,651	1-222-765-00	47k adjustable
C532	1-121-426-11	470 16 V elect			
C533	1-121-245-11	1000 16 V elect	RV501	1-224-674-00	250k (B) variable (VOLUME)
C601,651	1-101-880-11	47p ceramic	RV502,552		
C602,652	1-121-409-11	47 16 V elect	RV503,553	1-222-544-00	50k (B) variable (TONE)
C603,604	1-121-654-11	330 25 V elect			

**RESISTORS**

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

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
<b>SWITCHES</b>		
S1	1-516-676-00	Rotary/Slide (FUNCTION)
S2~5	1-516-794-00	4-key (MONITOR, MONO, MUTING, LOUDNESS)
S6	1-516-793-00	Rotary (SPEAKER)/POWER (USA Model)
S901	1-516-795-00	Rotary (SPEAKER)/POWER (Canada, UK, AEP Model)
<b>LAMPS</b>		
PL901	1-518-237-00	Meter, 8 V 300 mA
PL902,903	1-518-070-XX	Dial, 8 V 300 mA
PL904	1-518-230-00	Pointer, dial
PL905	1-518-169-XX	Stereo, 4.5 V 40 mA
<b>MISCELLANEOUS</b>		
1-508-690-00		Plug, voltage selector (UK, AEP Model)
1-509-546-00		Connector, ac input; 3-p (UK, AEP Model)
1-509-551-00		Connector, REC/PB
CNI902,903	1-526-528-00	Outlet, AC (USA, Canada Model)
CP801,802	1-102-355-11	Capacitor, ceramic 0.01 $\mu$ 500 V
CP903	1-231-057-31	Encapsulated Component (USA, Canada Model)
CTI101,401	1-151-263-00	Capacitor, tuning
CTI102,402		
CTI103		
CV101,401		
CV102,402		
CV103		
CF201,202	1-527-220-00	Filter, ceramic; fm i-f
F601,602	1-532-455-XX	Fuse, 2 A
F901	1-532-363-XX	Fuse, 2 A (USA, Canada Model)
		Fuse, 1.6 AT (UK, AEP Model)
F903,904	1-532-259-00	Fuse, 2.5 AT (UK, AEP Model)
		Fuse, 2 A (Canada Model)
F902	1-532-268-00	Fuse, 2 A (UK, AEP Model)
		Fuse, 2 A (UK, AEP Model)
F601,651	1-532-204-00	Fuse, 2 A (USA Model)
		Fuse, 2 A (Canada Model)
1-533-069-XX	1-532-455-XX	Holder, fuse; 4 p (UK, AEP Model)
		Cord, power (USA, Canada Model)
1-534-985-XX		

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
J901	1-507-448-00	Jack, MIC
J902	1-507-479-XX	Jack, HEADPHONES
LPF301,302	1-231-303-00	Low Pass Filter
M901	1-520-130-00	Meter, signal
TM901	1-536-469-00	Terminal, strip (ANTENNA)
TM902,903	1-536-415-00	Terminal, strip (APEAKER)

#### HARDWARE

#### SCREWS

All screws are phillips type (cross recess type) unless otherwise indicated.

7-682-163-01	P	4 x 12
7-682-547-01	B	3 x 6
7-682-549-01	B	3 x 10
7-682-560-01	B	4 x 6
7-682-646-01	PS	3 x 5
7-682-948-01	PSW	3 x 8
7-682-949-01	PSW	3 x 10
7-682-951-01	PSW	3 x 14
7-682-961-01	PSW	4 x 8
7-685-533-21	B	2.6 x 6, self-tapping
7-685-546-21	B	3 x 8, self-tapping

#### MISCELLANEOUS

7-623-408-07	Washer, lock (external tooth); 3 mm dia
7-623-508-01	Lug, 3 mm dia
7-624-109-01	Retaining Ring, 5 mm dia
7-684-013-01	Nut, 3 mm dia

<u>Part No.</u>	<u>Description</u>
<b>ACCESSORIES</b>	
X-4490-002-0	Cloth Ass'y, polishing
1-501-083-21	Ribbon Antenna, fm
3-780-685-21	Manual, instruction (USA Model)
3-780-685-11	Manual, instruction (Canada, UK, AEP Model)
1-534-819-11	Cord, power; 3 p (UK Model)

**Sony Corporation**