

SUPPLEMENT

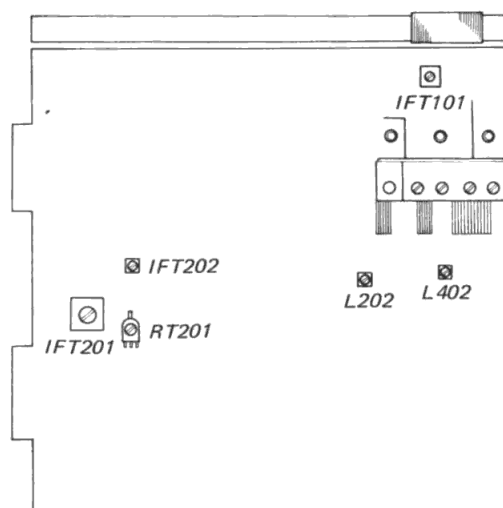
File this supplement with the service manual.

**Subject: FM (AM) Front-end/IF Amp/MPX
Circuit Board Change**

IDENTIFICATION OF SET

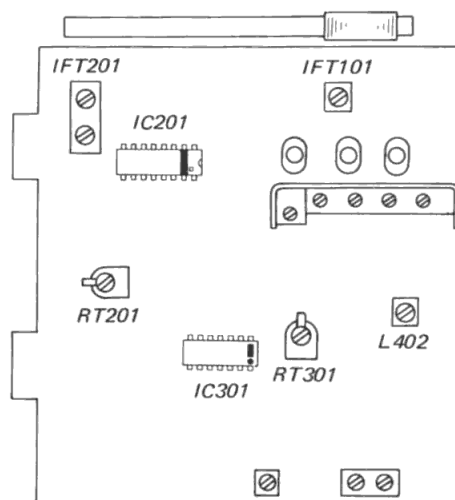
— FM (AM) Front-end/IF Amp/MPX Circuit Board —

Former model



Using transistors in the discriminator
and MPX decoder circuit.

New model



Using ICs in the discriminator and
MPX decoder circuit.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SPECIFICATIONS

GENERAL

Power Requirements: 110, 127, 220, 240 V ac, 50/60 Hz

Power Consumption: 140W (UK model)
230W (AEP model)

Dimensions: 427 (w) × 149 (h) × 345 (d) mm
16 7/8 (w) × 5 7/8 (h) × 13 5/8 (d) inches
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)

FM SECTION

Frequency Range: 87.5–108 MHz

Intermediate Frequency: 10.7 MHz

Antenna Terminals: 300Ω balanced
75Ω unbalanced

Sensitivity: 2.2μV (6.5 dB), IHF
1.7μV (4.5 dB), S/N = 26 dB
(1 kHz, 40 kHz deviation)

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%)
Stereo 0.8% at 400 Hz, 75 kHz
deviation (100%)

Stereo Separation: 35 dB at 400 Hz

Frequency Response: 30 Hz–15 kHz $\pm 0_{-2}$ dB

AM SECTION

Frequency Range: 530–1,605 kHz

Intermediate Frequency: 468 kHz

Antenna: Built-in ferrite-rod antenna and
external antenna terminal

Sensitivity: 250μV/m (48 dB/m), built-in antenna
30μV (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%

AMPLIFIER SECTION

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

Dynamic Power Output: 65W (8Ω)
(IHF constant power
supply method) 80W (4Ω) (AEP model)

Power Bandwidth (IHF): 10 Hz–25 kHz

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

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

Residual Noise: Less than 0.08μW

Damping Factor: 25 at 1 kHz, 8Ω

Input Sensitivity, Impedance and S/N Ratio:

Input	Sensitivity	Impedance	S/N	Weighting Network
PHONO	2.5 mV (–50 dB)	47 kΩ	60 dB	B
MIC	2 mV (–52 dB)	47 kΩ	60 dB	B
AUX	250 mV (–10 dB)	100 kΩ	70 dB	A
TAPE 1, 2 REC/PB (input)	250 mV (–10 dB)	100 kΩ	80 dB	A

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

Output Voltage and Impedance:

Output	Voltage	Impedance	Input Level
REC OUT 1, 2	250 mV (–10 dB)	10 kΩ	PHONO 2.5 mV (–50 dB) MIC 2 mV (–52 dB)
REC/PB (output)	30 mV (–28 dB)	82 kΩ	AUX, TAPE 1, 2 250 mV REC/PB (output) (–10 dB)

Headphones: Accepts 8Ω–10 kΩ headphones

Speaker: 8Ω or more speakers are suitable (UK model)
4–16Ω speakers are suitable (AEP model)

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

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)

MODEL IDENTIFICATION

— Specification Label —

AEP model

SONY [®]	FM STEREO/FM-AM RECEIVER
	MODEL NO. STR-7035
	FREQ RANGE : FM 87.5-108MHz AM 530-1605kHz
	IF : FM 10.7MHz AM 468kHz
	AC 110, 127, 220, 240V ~ 50/60Hz 230W
SERIAL NO.	
MADE IN JAPAN	

UK model

SONY [®]	FM STEREO/FM-AM RECEIVER
	MODEL NO. STR-7035
	FREQ. RANGE : FM 87.5-108MHz AM 530-1605kHz
	IF : FM 10.7MHz AM 468kHz
	AC 110, 127, 220, 240V ~ 50/60Hz 140W
SERIAL NO.	
MADE IN JAPAN	

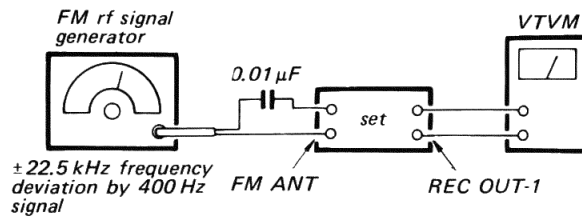
SECTION 1 ADJUSTMENTS

1-1. FM SECTION

Setting:

FUNCTION switch: FM
 MONO switch: MONO
 MUTING switch: OFF

1. FM Frequency Coverage and Tracking Adjustment



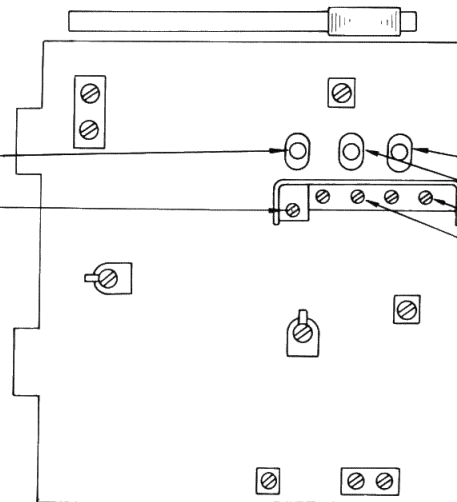
Note: Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by the trimmer capacitors.

FM FREQUENCY COVERAGE ADJUSTMENT

Adjust for a maximum reading on VTVM.

87.2 MHz (87.5 MHz)	L103
108.4 MHz (108.0 MHz)	CT103

(): in West Germany



FM (AM) Front-end/IF Amp/MPX Board

— Component Side —

FM TRACKING ADJUSTMENT

Adjust for a maximum reading on VTVM.

L101	87.2 MHz (87.5 MHz)
L102	
CT101	108.4 MHz (108.0 MHz)
CT102	

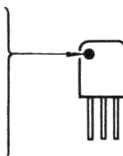
(): in West Germany

2. FM IF Alignment (1)

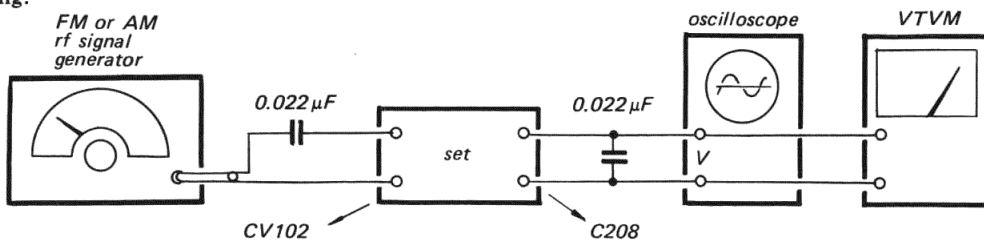
The ceramic filters used in the fm-i-f circuit are color-coded according to their specified center frequencies.

FM IF CERAMIC FILTERS

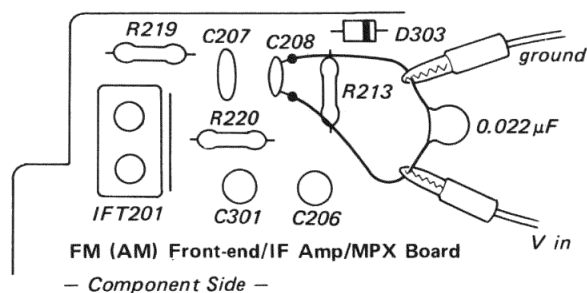
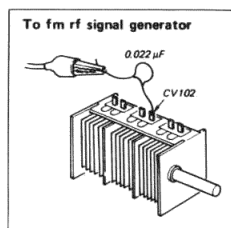
Part No.	Specified Center Freq.	Color
1-527-220-11	10.70 MHz	red
1-527-220-21	10.67 MHz	blue
1-527-220-31	10.73 MHz	orange
1-527-220-41	10.64 MHz	black
1-527-220-51	10.76 MHz	white



Setting:

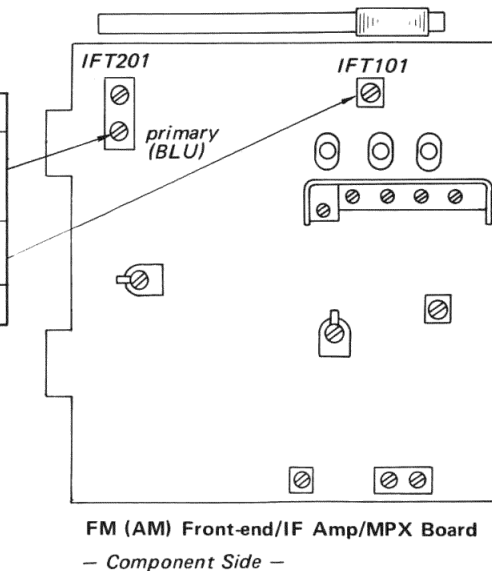


Carrier frequency: center freq. of ceramic filter
FM 400 Hz 100%



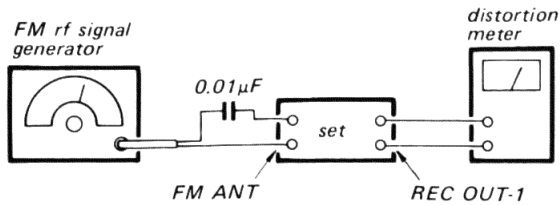
Procedure:

Step	Modulation	Procedure
1	AM 400 Hz 30%	Adjust to minimize the waveform amplitude on the screen.
2	FM 400 Hz 75 kHz deviation	Adjust for a maximum reading on VTVM.
3	Repeat above steps several times.	



3. FM IF Alignment (2)

Procedure:



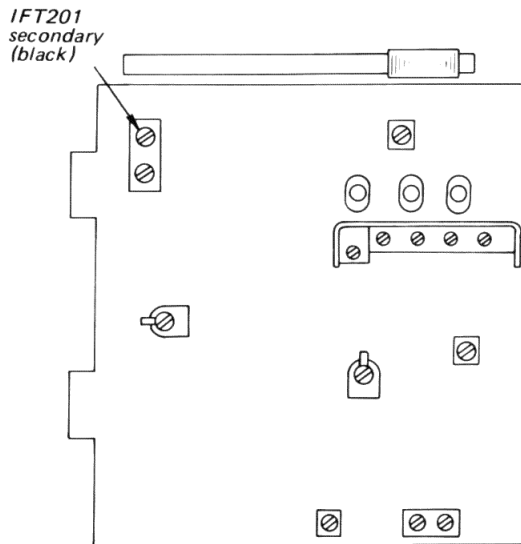
Carrier frequency: 98 MHz
 Modulation: 400 Hz, 75 kHz deviation (100%)

Output level: 1 mV (60 dB)

Tune the set to 98 MHz and adjust the secondary-side core (black) of IFT201 for a minimum distortion reading.

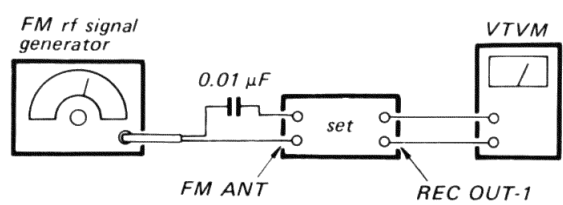
Adjustment Location:

FM (AM) Front-end/IF Amp/MPX Board
 – Component Side –



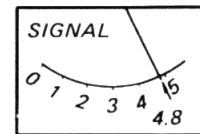
4. Signal Meter Adjustment

Procedure:



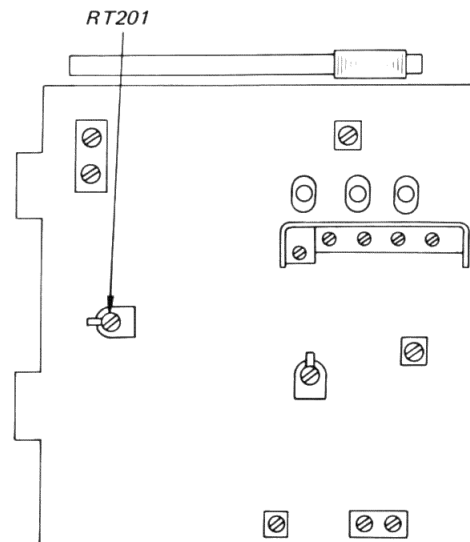
Carrier frequency: 98 MHz
 Modulation: no modulation
 Output level: 3.2 mV (70 dB)

Tune the set to 98 MHz and adjust RT201 for specified pointer position (See figure below.) on the SIGNAL meter.



Adjustment Location:

FM (AM) Front-end/IF Amp/MPX Board
 – Component Side –

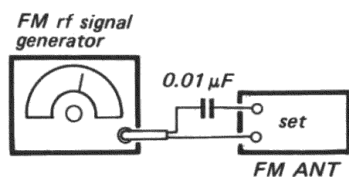


5. MPX Adjustment

Setting:

MONO switch: STEREO

Procedure:



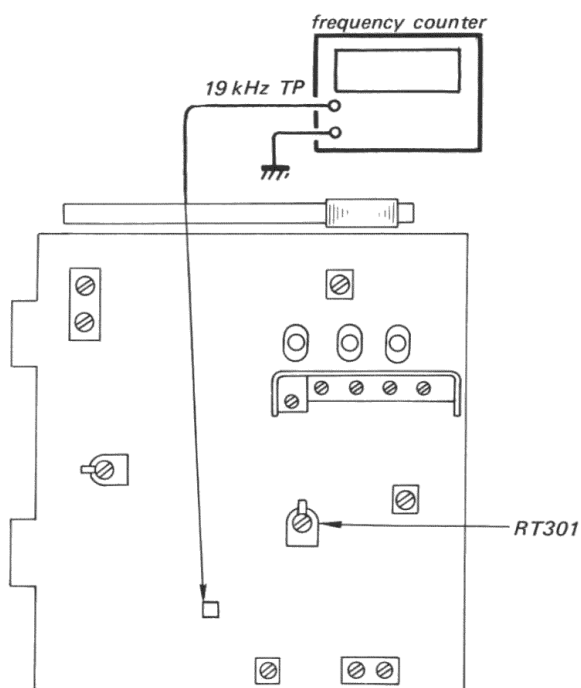
Carrier frequency: 98 MHz
 Modulation: no modulation
 Output level: 3.2 mV (70 dB)

1. Tune the set to 98 MHz.
2. Adjust RT301 for 19 kHz $\pm$ 100 Hz on the counter.

Note: Perform this adjustment after the power switch turned ON and one minute passed.

Adjustment Location:

FM (AM) Front-end/IF Amp/MPX Board
 — Component Side —

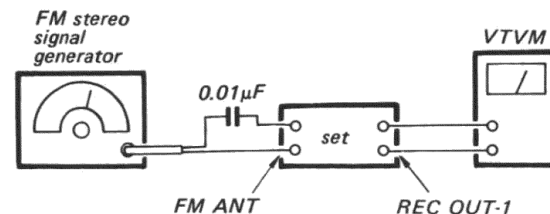


6. FM Stereo Separation Adjustment

Setting:

MONO switch: STEREO

Procedure:



Carrier frequency: 98 MHz
 Output level: 1 mV (60 dB)
 Mode: Stereo
 Modulation:
 Audio (400 Hz): 67.5 kHz deviation (90%)
 Pilot (19 kHz): 7.5 kHz deviation (10%)

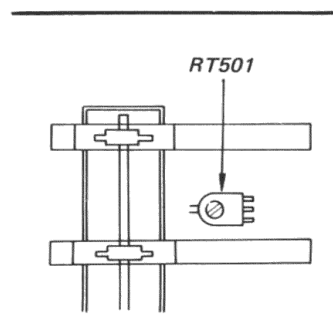
FM stereo signal generator output channel	VTVM connection	VTVM reading
L-CH	L-CH	(A) Adjust RT501 for maximum reading.
R-CH	L-CH	(B)
R-CH	R-CH	(C)
L-CH	R-CH	(D)

Stereo separation: (A) - (B), (C) - (D).

The difference between separations (A) $\rightarrow$ (B) and (C) $\rightarrow$ (D) should be equal.

Adjustment Location:

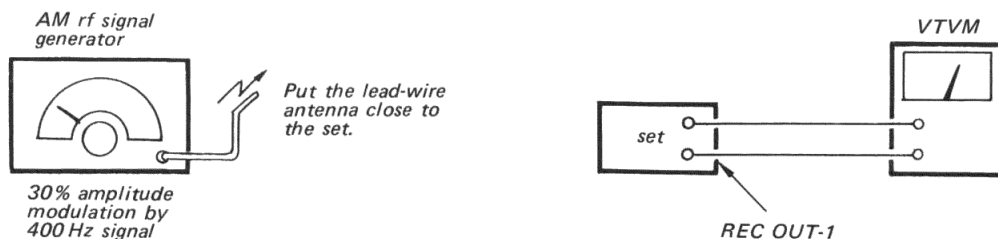
Control Board
 — Component Side —



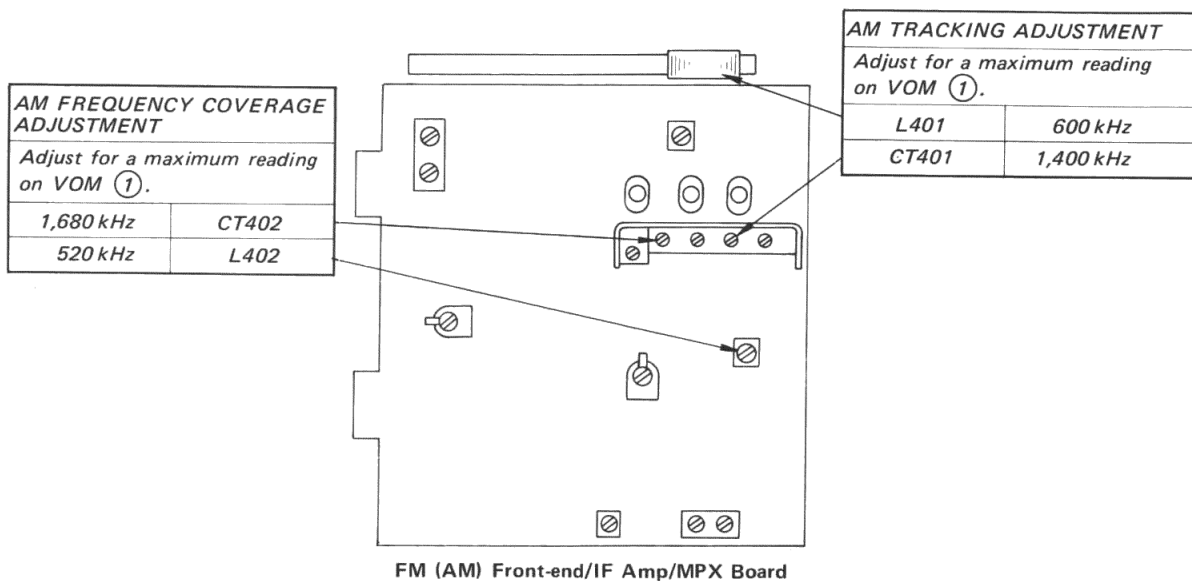
1-2. AM SECTION

Setting:

FUNCTION switch: AM

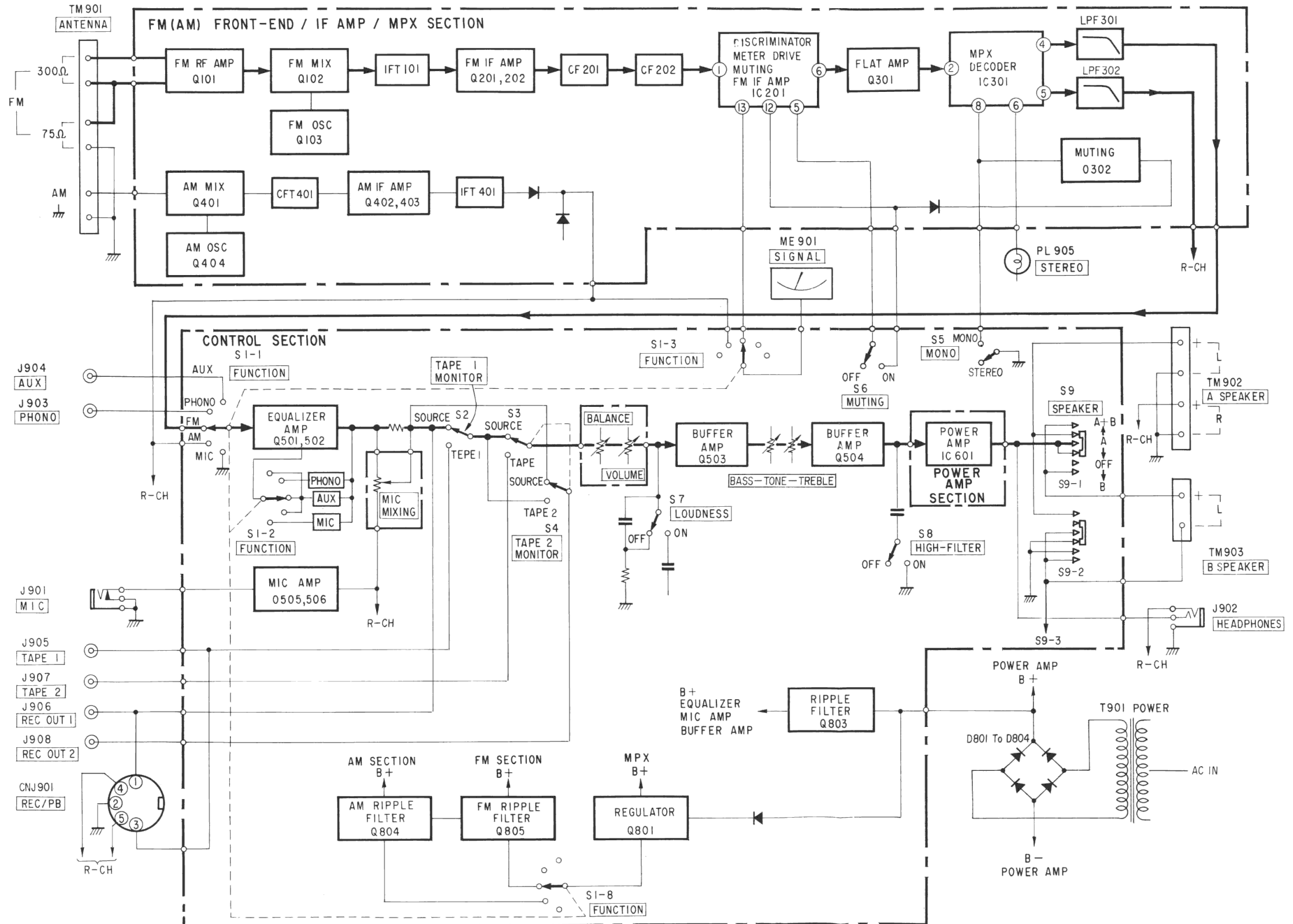


Note: Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by the trimmer capacitors.



SECTION 2 DIAGRAMS

2-1. BLOCK DIAGRAM



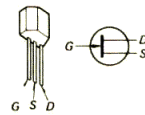
2-2. MOUNTING DIAGRAM — FM (AM) Front-end/IF Amp/MPX Board —

— Conductor Side —

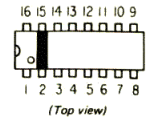
Replacement Semiconductors

For replacement, use semiconductors except in ().

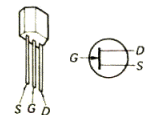
Q101: 2SK42-4 (2SK42)



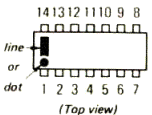
IC201: HA1137W



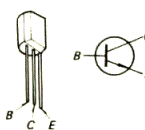
Q102: 2SK23A-840 (blue)



IC301: HA1156W



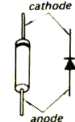
Q103, 402-404: 2SC710



D301-303: 1S1555

D401, 402: 1T22A

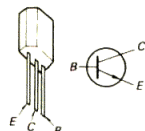
D403: 1S1555 (1T40)



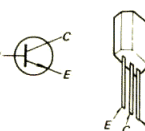
Q201, 202: 2SC403C

Q301: 2SC632A (2SC631A)

Q302: 2SC634A (2SC633A)

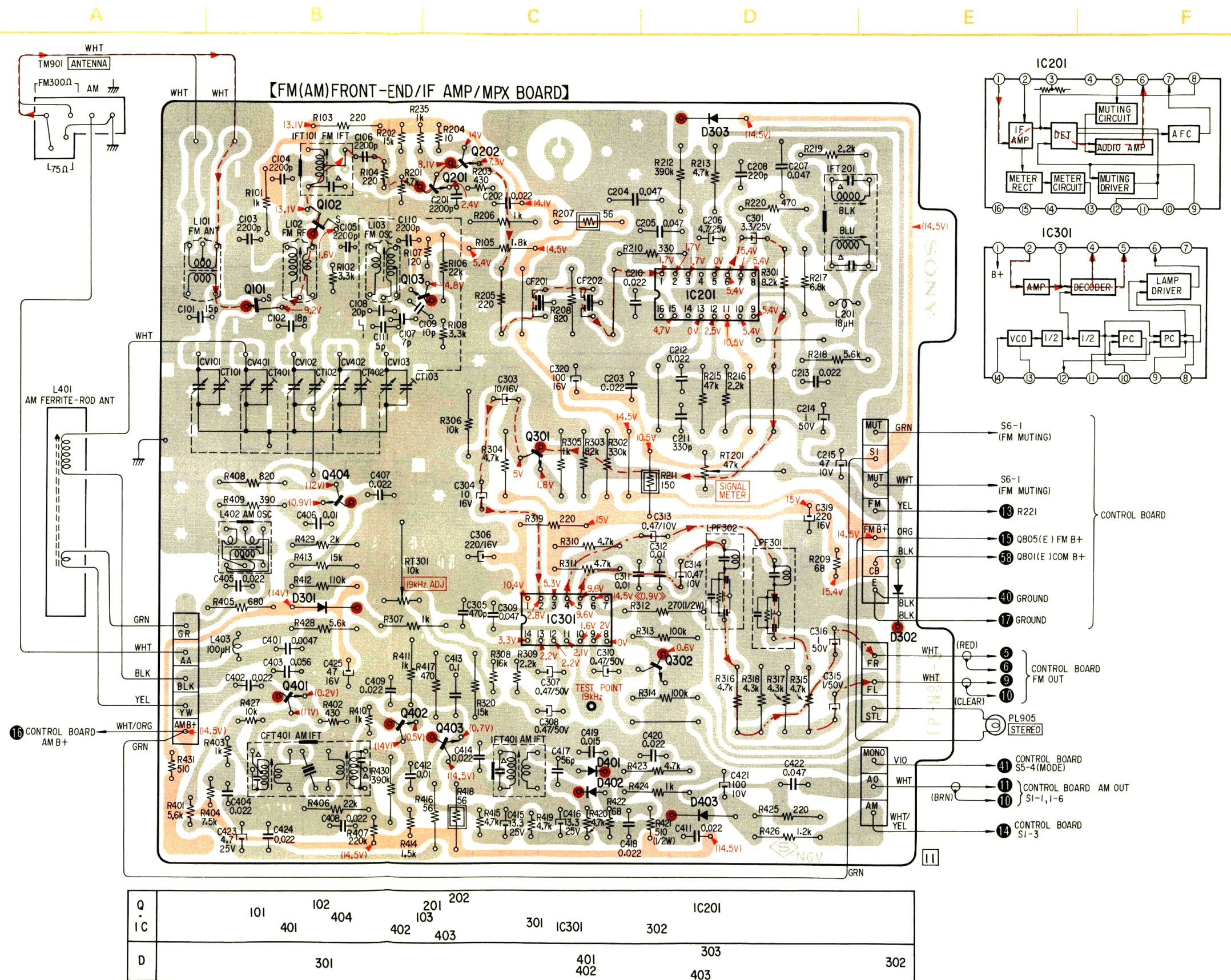
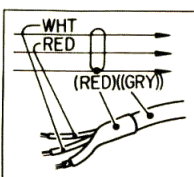


Q401: 2SC710 (2SC633A)

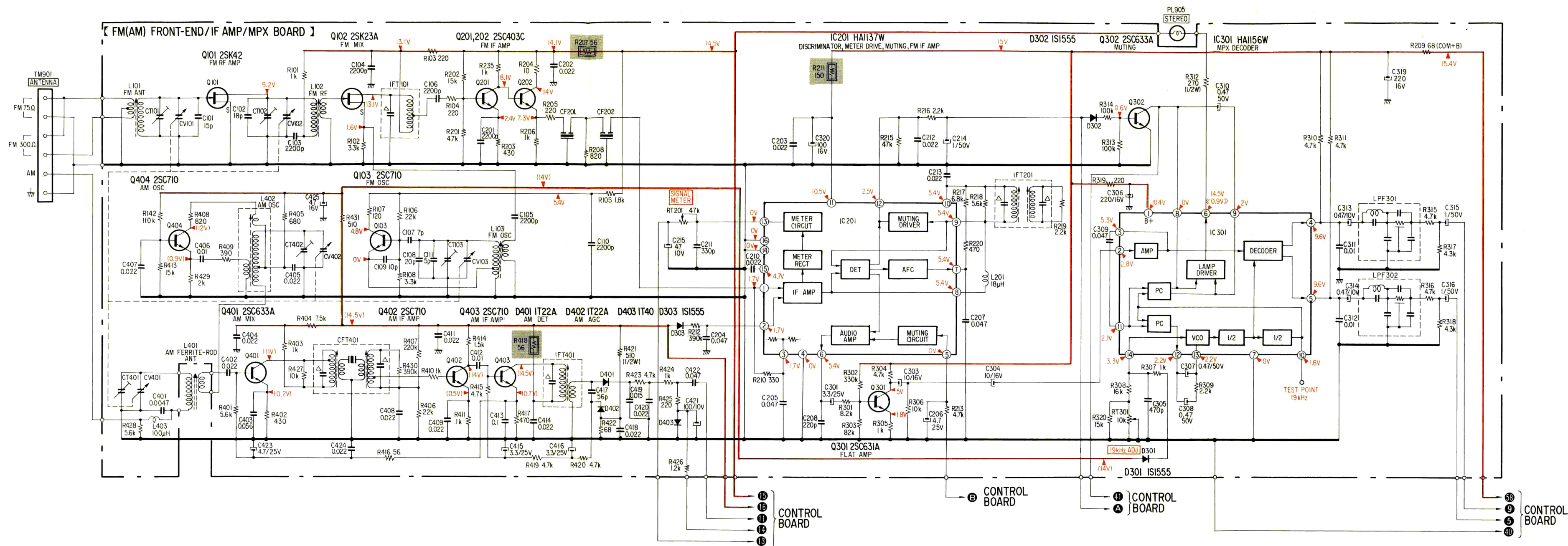


Note:

- [Symbol] : indicates side identified with part number.
- [Symbol] : B+ pattern.
- Signal path.
- [Symbol] : RF or FM composite
- [Symbol] : L-CH
- [Symbol] : R-CH
- Color code of sleeving over the end of the jacket.



2-3. SCHEMATIC DIAGRAM — FM (A-M) Front-end/I-F Amp/MPX Section —

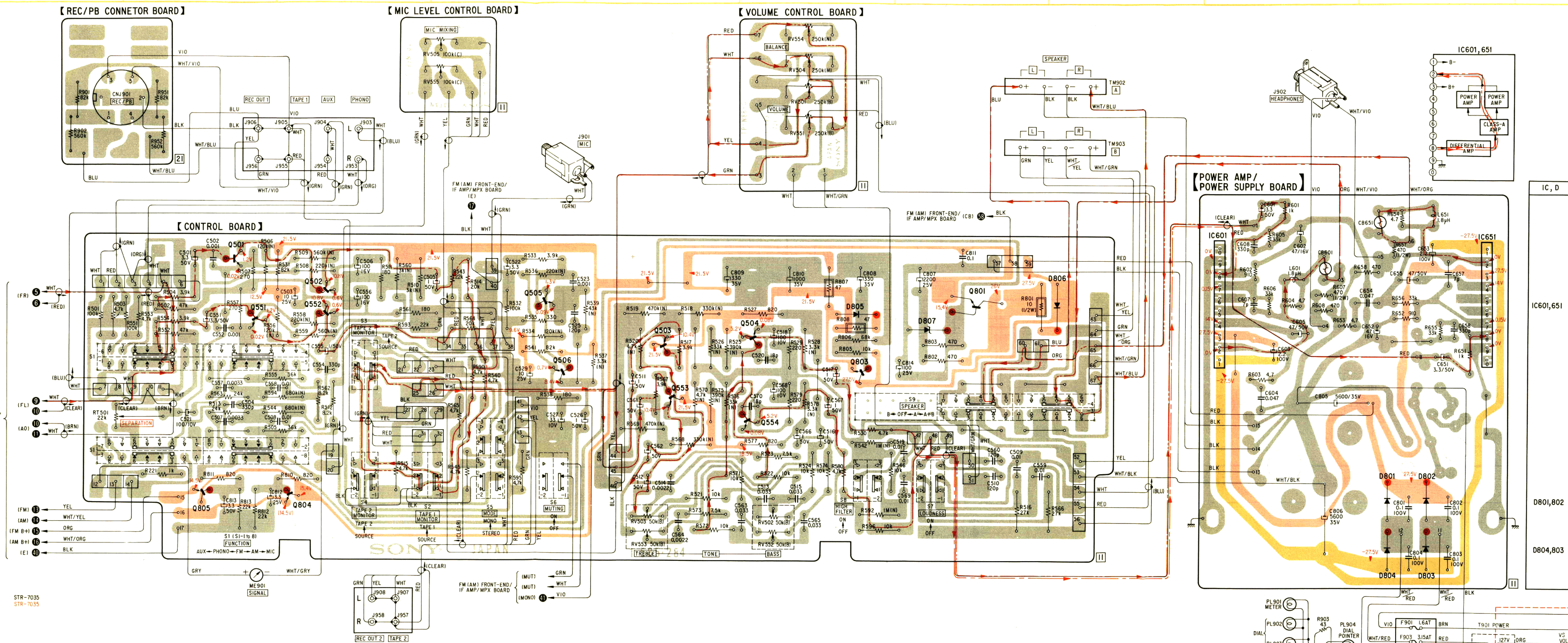


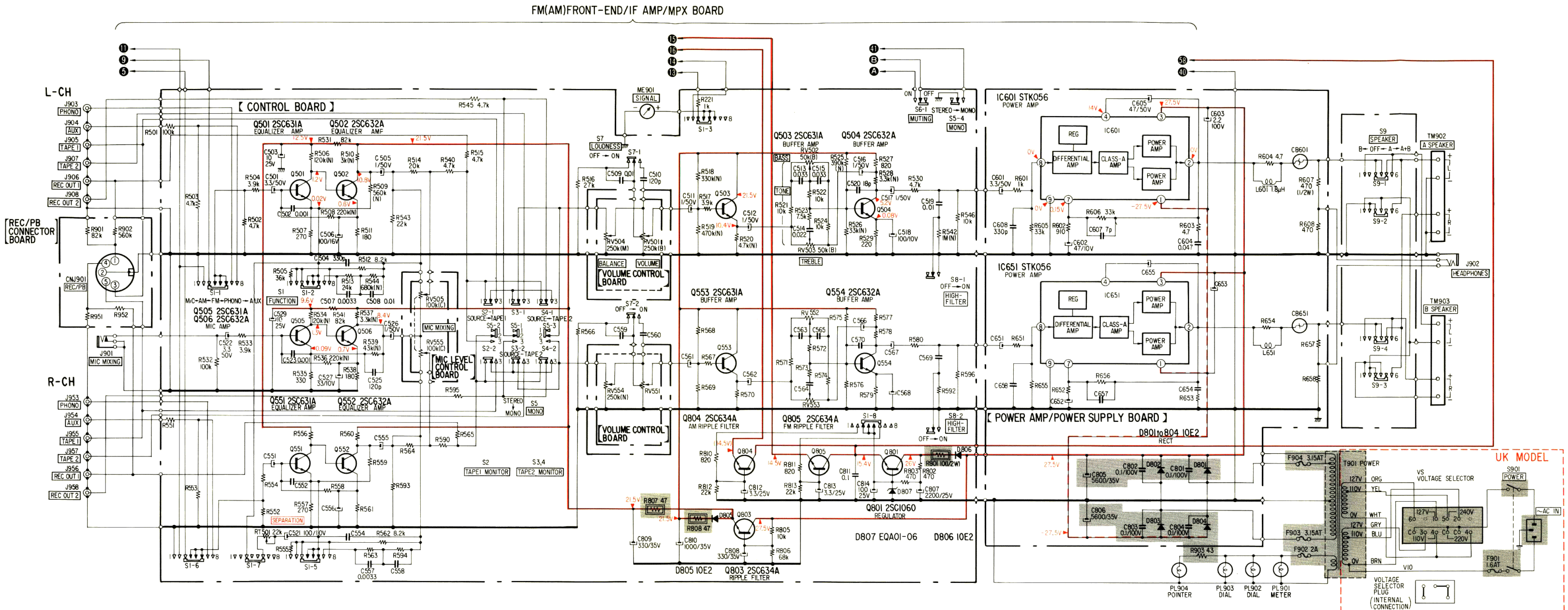
Note:

- All capacitors are in μF unless otherwise noted. $\text{pF} = \mu\mu\text{F}$
- 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, $\frac{1}{4}\text{W}$ unless otherwise noted.
- $\text{k}\Omega = 1000\Omega$, $\text{M}\Omega = 1000\text{k}\Omega$
-  : nonflammable resistor.
- $\triangle$: internal component.
-  : B+ bus.
-  : panel designation.
-  : adjustment for repair.

- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under no signal (detuned) conditions with a VOM (20 k Ω /V).
() : AM mode
« » : FM stereo mode
no marking: FM mode
MUTING switch: OFF
- Voltage variations may be noted due to normal production tolerances.

Note: The components identified by shading are critical for safety. Replace only with part number specified.

STR-7035
STR-7035



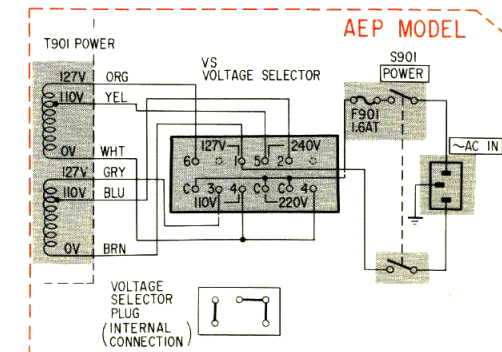
Note:

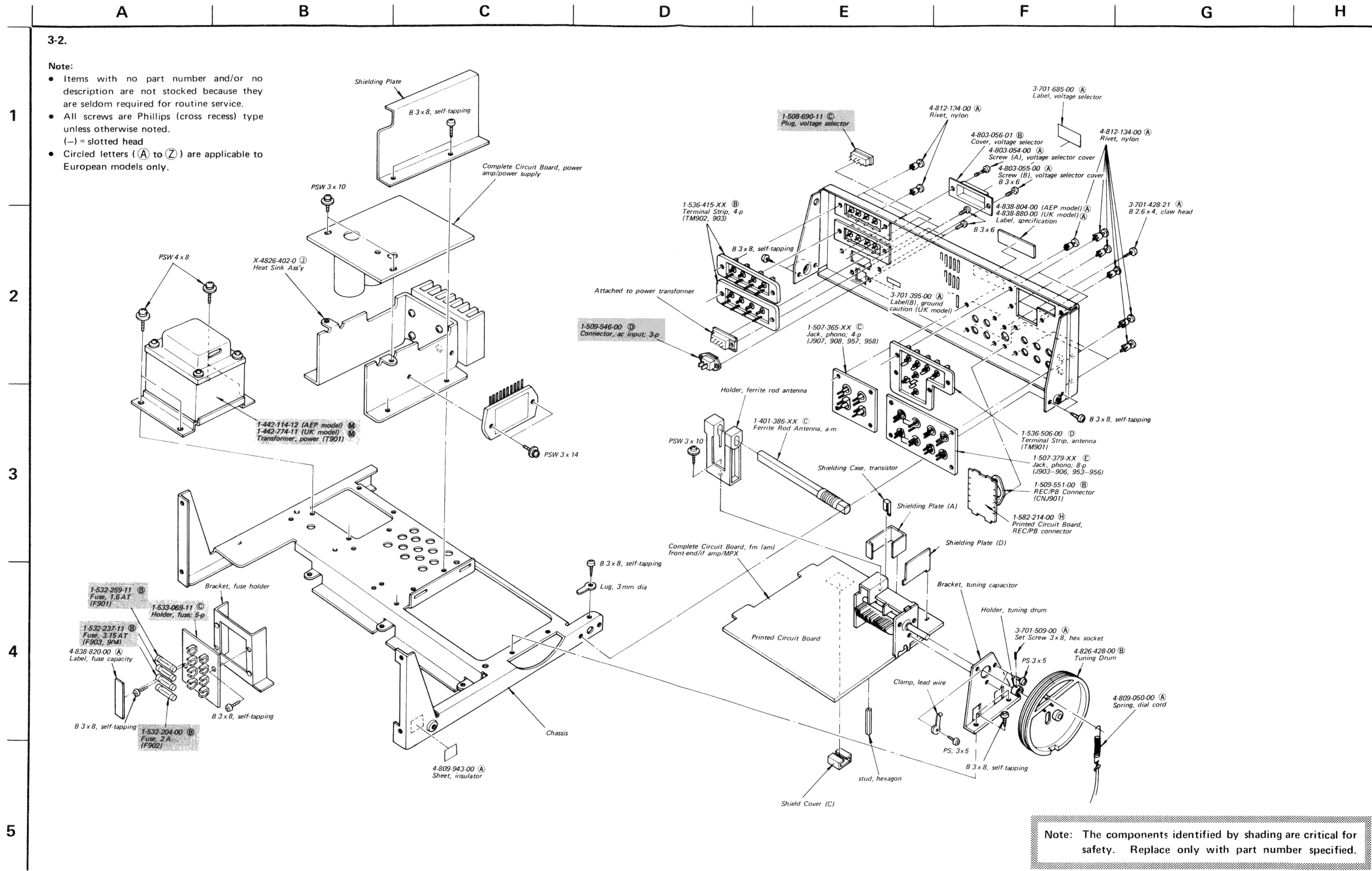
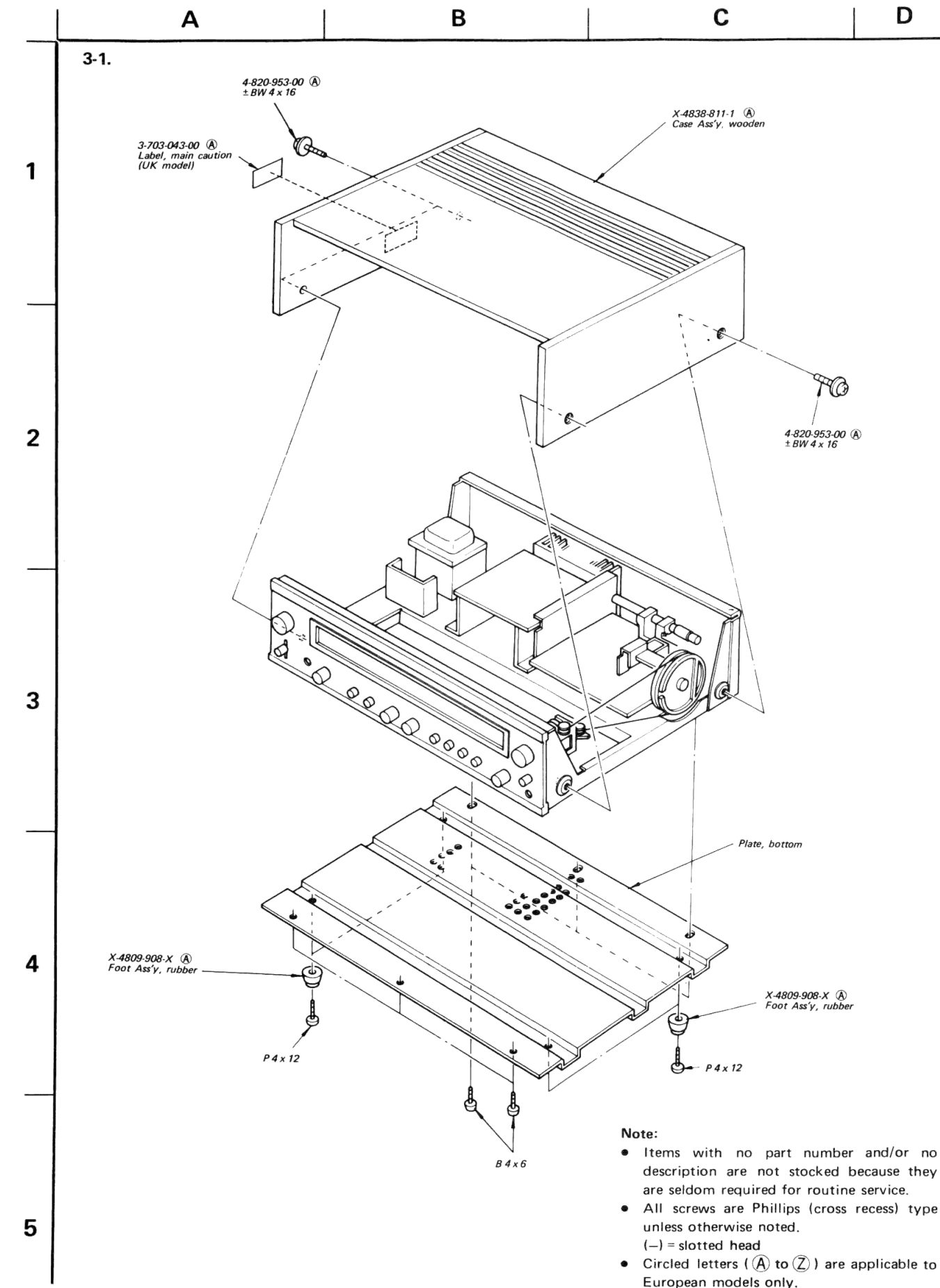
- Components for right channel have same values as for left channel.
- All capacitors are in μF unless otherwise noted. $\text{pF} = \mu\mu\text{F}$ 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, $\frac{1}{2}\text{W}$ unless otherwise noted. $\text{k}\Omega = 1000\Omega$, $\text{M}\Omega = 1000\text{k}\Omega$
- $\square$: nonflammable resistor.
- (N): low-noise resistor.
- —: B+ bus.
- ---: B- bus.
- : panel designation.
- : adjustment for repair.
- $\equiv$: Direct connection to points marked $\equiv$ on the chassis.
- Voltages are dc with respect to ground unless otherwise noted.

- Readings are taken under no signal conditions with a VOM (20 k Ω /V).
- Voltage variations may be noted due to normal production tolerances.
- Switch

Ref. No.	Switch	Position
S1	FUNCTION	FM
S2	TAPE 1 MONITOR	SOURCE
S3, 4	TAPE 2 MONITOR	SOURCE
S5	MODE	STEREO
S6	FM MUTING	OFF
S7	LOUDNESS	OFF
S8	HIGH FILTER	OFF
S9	SPEAKER	A
S901	POWER	OFF
VS	VOLTAGE SELECTOR	

Note: The components identified by shading are critical for safety. Replace only with part number specified.





SECTION 4
ELECTRICAL PARTS LIST

Note:
Circled letters (A to Z) are applicable to
European models only.

Ref. No. Part No. Description

PRINTED CIRCUIT BOARDS

1-582-214-00 (H) REC/PB Connector

1-583-330-00 (B) Lamp

SEMICONDUCTORS

Transistors

⇒ Q101 (C) 2SK42-4
Q102 (C) 2SK23A-840 (blue)
Q103 (B) 2SC710

Q201,202 (B) 2SC403C

⇒ Q301 (B) 2SC632A

⇒ Q302 (B) 2SC634A

⇒ Q401 (B) 2SC710

Q402-404 (B) 2SC710

⇒ Q501,551 (B) 2SC632A

Q502,552 (B) 2SC632A

⇒ Q503,553 (B) 2SC632A

Q504,554 (B) 2SC632A

⇒ Q505 (B) 2SC632A

Q506 (B) 2SC632A

⇒ Q801 (D) 2SC1061

ICs

IC201 (H) HA1137W

IC301 (J) HA1156W

IC601,651 (L) STK-056A

Diodes

D301-303 (B) 1S1555

D401,402 (B) 1T22A

⇒ D403 (B) 1S1555

D801-804 (B) 10E2

D805,806 (B) 10E2

⇒ D807 (B) EQB01-16

TRANSFORMERS, COILS AND INDUCTORS

CFT401 1-403-830-00 (C) AM IFT, w/ceramic filter, 468 kHz

⇒ Due to standardization, interchangeable replacements
may be substituted for parts specified in the diagrams.

Ref. No. Part No. Description

IFT101 1-403-914-00 (B) FM IFT, 10.7 MHz

IFT201 1-404-011-00 (C) Transformer, discriminator

IFT401 1-403-149-00 (B) AM IFT

L101 1-401-541-00 (B) Coil, FM Antenna

L102 1-405-599-00 (B) Coil, FM RF

L103 1-405-598-00 (B) Coil, FM Osc

L201 1-407-160-XX (A) Microinductor, 18μH

L401 1-401-386-XX (C) AM Ferrite-rod Antenna

L402 1-405-444-00 (B) Coil, AM Osc

L403 1-407-169-XX (A) Microinductor, 100μH

L601,651 1-407-592-00 (B) Microinductor, 1.8μH

LPF301,302 1-231-301-00 Filter, low pass

T901 1-442-114-00 (M) Transformer, power (AEP model)

1-442-774-11 (M) Transformer, power (UK model)

CAPACITORS

All capacitors are in μF and ceramic unless
otherwise noted.
50WV or less are not indicated except for
electrolytics. pF = μF, elect = electrolytic

C101 1-102-951-11 (A) 15p

C102 1-102-953-11 (A) 18p

C103-106 1-102-257-11 (A) 2200p

C107 1-102-875-11 (A) 7p

C108 1-102-671-11 (A) 20p

C109 1-101-978-11 (A) 10p

C110 1-102-257-11 (A) 2200p

C111 1-102-872-00 (A) 5p

C201 1-102-257-11 (A) 2200p

C202,203 1-101-924-11 (A) 0.022

C204,205 1-101-925-11 (A) 0.047

C206 1-121-395-11 (A) 4.7 25V elect

C207 1-108-845-12 (A) 0.047 mylar

C208 1-102-978-11 (A) 220p

C210 1-102-924-11 (A) 0.022

Note: The components identified by shading are critical for
safety. Replace only with part number specified.

Note: The components identified by shading are critical for
safety. Replace only with part number specified.

Note:

- Items with no part number and/or no description are not stocked because they are seldom required for routine service.
- All screws are Phillips (cross recess) type unless otherwise noted.
- (-) = slotted head
- Circled letters (A to Z) are applicable to European models only.

Note: Circled letters (Ⓐ to ⓩ) are applicable to European models only.

<i>Ref. No.</i>	<i>Part No.</i>	<i>Description</i>		
C211	1-102-820-11	Ⓐ 330p		
C212,213	1-101-924-11	Ⓐ 0.022		
C214	1-121-391-11	Ⓐ 1	50V	elect
C215	1-121-352-11	Ⓐ 47	10V	elect
C301	1-121-392-11	Ⓐ 3.3	25V	elect
C303,304	1-121-651-11	Ⓐ 10	16V	elect
C305	1-103-717-11	Ⓐ 470p		polystyrol
C306	1-123-421-11	Ⓑ 220	16V	elect
C307,308	1-121-726-11	Ⓐ 0.47	50V	elect
C309	1-108-845-12	Ⓐ 0.047		mylar
C310	1-121-726-11	Ⓐ 0.47	50V	elect
C311,312	1-108-804-12	Ⓐ 0.01		mylar
C313,314	1-127-022-11	Ⓑ 0.47	10V	solid aluminum
C315,316	1-121-391-11	Ⓐ 1	50V	elect
C319	1-121-421-11	Ⓑ 220	16V	elect
C320	1-121-415-11	Ⓑ 100	16V	elect
C401	1-108-841-12	Ⓐ 0.022		mylar
C402	1-101-924-11	Ⓐ 0.022		
C403	1-108-846-12	Ⓐ 0.056		mylar
C404	1-101-924-11	Ⓐ 0.022		
C405	1-108-841-12	Ⓐ 0.022		mylar
C406	1-108-837-12	Ⓐ 0.01		mylar
C407	1-108-841-12	Ⓐ 0.022		mylar
C408,409	1-101-924-11	Ⓐ 0.022		
C411				
C412	1-101-923-11	Ⓐ 0.01		
C413	1-108-849-12	Ⓑ 0.1		mylar
C414	1-101-924-11	Ⓐ 0.022		
C415,416	1-121-392-11	Ⓐ 3.3	25V	elect
C417	1-101-884-11	Ⓐ 56p		
C418	1-101-924-11	Ⓐ 0.022		
C419	1-108-839-12	Ⓐ 0.015		mylar
C420	1-108-841-12	Ⓐ 0.022		mylar
C421	1-121-414-11	Ⓔ 100	10V	elect
C422	1-108-845-12	Ⓐ 0.047		mylar
C423	1-121-395-11	Ⓐ 4.7	25V	elect
C424	1-101-924-11	Ⓐ 0.022		
C425	1-121-409-11	Ⓑ 47	16V	elect
C501,551	1-121-914-11	Ⓐ 3.3	50V	elect

<i>Ref. No.</i>	<i>Part No.</i>	<i>Description</i>		
C502,552	1-108-825-12	Ⓐ 0.001		mylar
C503	1-121-748-11	Ⓐ 10	25V	elect
C504,554	1-102-112-11	Ⓐ 330p		
C505,555	1-121-912-11	Ⓐ 1	50V	elect
C506,556	1-121-415-11	Ⓑ 100	16V	elect
C507,557	1-108-831-12	Ⓐ 0.0033		mylar
C508,558	1-108-837-12	Ⓐ 0.01		mylar
C509,559				
C510,560	1-102-816-11	Ⓐ 120p		
C511,561	1-121-912-11	Ⓐ 1	50V	elect
C512,562				
C513,563	1-108-843-12	Ⓐ 0.033		mylar
C514,564	1-108-829-12	Ⓐ 0.0022		mylar
C515,565	1-108-843-12	Ⓐ 0.033		mylar
C516,566	1-121-912-11	Ⓐ 1	50V	elect
C517,567				
C518,568	1-121-414-11	Ⓔ 100	10V	elect
C519,569	1-108-837-12	Ⓐ 0.01		mylar
C520,570	1-102-957-11	Ⓐ 18p		
C521	1-121-414-11	Ⓔ 100	10V	elect
C522	1-121-914-11	Ⓐ 3.3	50V	elect
C523	1-108-825-12	Ⓐ 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
C601,651	1-121-914-11	Ⓐ 3.3	50V	elect
C602,652	1-121-409-11	Ⓐ 47	16V	elect
C603,653	1-123-025-11	Ⓐ 2.2	100V	elect
C604,654	1-105-681-12	Ⓐ 0.047		mylar
C605,655	1-123-058-11	Ⓑ 47	50V	elect
C607,657	1-102-944-11	Ⓐ 7p		
C608,658	1-102-112-11	Ⓐ 330p		
C801–804	1-105-725-12	Ⓑ 0.1	100V	mylar
C805-806	1-123-135-11	Ⓔ 5600	35V	elect
C807	1-123-067-11	Ⓔ 2200	25V	elect
C808,809	1-123-064-11	Ⓑ 330	35V	elect
C810	1-121-945-11	Ⓒ 1000	35V	elect
C811	1-108-825-12	Ⓐ 0.1		mylar
C812,813	1-121-392-11	Ⓐ 3.3	25V	elect

<i>Ref. No.</i>	<i>Part No.</i>	<i>Description</i>		
C814	1-121-935-11	Ⓑ 100	25 V	elect
CT101-103 CT401,402	1-151-263-11	Ⓒ Trimmer		
CV101-103 CV401,402	1-151-263-11	Ⓒ Tuning		
RESISTORS				
All resistors are in ohms. Common ¼W carbon resistors are omitted. Check schematic diagram for values.				
R207	1-211-516-11	Ⓐ 56	¼W	carbon (non
R211	1-211-526-11	Ⓐ 150	¼W	carbon (non
R312	1-202-559-11	Ⓐ 270	½W	com
R418	1-211-516-11	Ⓐ 56	¼W	carbon (non
R421	1-202-566-11	Ⓐ 510	½W	comp
R607,657	1-202-565-11	Ⓐ 470	½W	comp
R801	1-211-590-11	Ⓐ 10	½W	carbon (non
R807,808	1-211-514-11	Ⓐ 47	¼W	carbon (non
R903	1-244-640-11	Ⓐ 43	¼W	carbon
RT201	1-224-647-XX	Ⓑ 47 k, adjustable		
RT301	1-224-645-XX	Ⓑ 10 k, adjustable		
RT501	1-224-646-XX	Ⓑ 22 k, adjustable		
RV501,551	1-224-102-00	Ⓔ Variable, 250 k (B); V		
RV502,552	1-230-300-XX	Ⓒ Variable, 50 k; BASS, TREBLE, TONE		
RV503,553				
RV504,554	1-224-102-00	Ⓔ Variable, 250 k; BAL		
RV505,555	1-222-542-00	Ⓔ Variable, 100 k; MIC		

All resistors are in ohms. Common ¼W carbon resistors are omitted. Check schematic diagram for values.

Note: Circled letters (Ⓐ to ⓩ) are applicable to European models only.

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
SWITCHES		
S1	1-516-676-00	(I) Rotary/Slide, FUNCTION
S2	1-516-675-00	(H) Pushbutton, 4-key; MONITOR, MODE, MUTING
S3	1-514-907-00	(B) Slide, MONITOR
S4-6	1-516-675-00	(H) Pushbutton, 4-key; MONITOR, MODE, MUTING
S7,8	1-516-674-00	(E) Pushbutton, 2-key; LOUDNESS, HI-FILTER
S9	1-516-673-00	(G) Rotary/Slide, SPEAKER
S901	1-516-315-00	(E) Lever, power
FILTERS		
CF201,202	1-527-220-XX	(F) Fm I-F, ceramic; 10.7 MHz
FUSES		
F901	1-532-259-11	(B) 1.6AT
F902	1-532-204-11	(B) 2AT
F903,904	1-532-237-11	(B) 3.15AT
LAMPS		
PL901	1-518-236-00	(B) Meter
PL902,903	1-518-070-XX	(B) Dial, 8 V 300 mA
PL904	1-518-230-00	(E) Pointer, dial
PL905	1-518-169-XX	(B) STEREO, 4.5 V 40 mA
MISCELLANEOUS		
CB601,651	1-532-380-41	(E) Circuit Breaker, 2.2A
CNJ901	1-509-551-00	(B) Connector, REC/PB
J901	1-507-448-00	(B) Jack, MIC
J902	1-507-479-XX	(B) Jack, HEADPHONES
J903-906, J953-956	1-507-379-XX	(E) Jack, phono; 8-p
J907,957, J908,958	1-507-365-XX	(C) Jack, TAPE-2, REC OUT-2
LP301,302	1-231-303-00	(B) Filter, low-pass
ME901	1-520-130-33	(G) Meter, SIGNAL
TM901	1-536-506-00	(D) Terminal Strip, ANTENNA
TM902,903	1-536-415-XX	(B) Terminal Strip, 4-p; A. SPEAKER, B. SPEAKER

- 1-508-690-00 Ⓒ Plug, voltage selector
- 1-509-546-00 Ⓒ Connector, ac input; 3-p
- 1-533-051-XX Ⓑ Holder, dial lamp
- 1-533-069-XX Ⓒ Holder, fuse; 4-p
- 1-536-430-00 Ⓑ Terminal Strip, 1L 1

ACCESSORIES AND PACKING MATERIALS

<i>Part No.</i>	<i>Description</i>
X-4490-002-1	Ⓑ Cloth Ass'y, polishing
1-506-161-11	Ⓔ Feeder Antenna
1-534-819-12	Ⓒ Cord, power (UK model)
3-429-126-00	Ⓑ Bag, plastic
3-701-020-00	Ⓐ Bag, check sheet for speaker
3-701-622-00	Ⓐ Bag, plastic (UK model)
3-780-481-13	Ⓒ Manual, instruction (AEP model)
3-780-481-14	Ⓒ Manual, instruction (UK model)
4-838-830-03	Ⓔ Carton
4-838-831-01	Ⓒ Cushion

1 / 4 WATT CARBON RESISTORS

Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.
1.0	1-244-601-11	10	1-244-625-11	100	1-244-649-11	1.0k	1-244-673-11	10k	1-244-697-11	100k	1-244-721-11	1.0M	1-244-745-11
1.1	1-244-602-11	11	1-244-626-11	110	1-244-650-11	1.1k	1-244-674-11	11k	1-244-698-11	110k	1-244-722-11	1.1M	1-244-746-11
1.2	1-244-603-11	12	1-244-627-11	120	1-244-651-11	1.2k	1-244-675-11	12k	1-244-699-11	120k	1-244-723-11	1.2M	1-244-747-11
1.3	1-244-604-11	13	1-244-628-11	130	1-244-652-11	1.3k	1-244-676-11	13k	1-244-700-11	130k	1-244-724-11	1.3M	1-244-748-11
1.5	1-244-605-11	15	1-244-629-11	150	1-244-653-11	1.5k	1-244-677-11	15k	1-244-701-11	150k	1-244-725-11	1.5M	1-244-749-11
1.6	1-244-606-11	16	1-244-630-11	160	1-244-654-11	1.6k	1-244-678-11	16k	1-244-702-11	160k	1-244-726-11	1.6M	1-244-750-11
1.8	1-244-607-11	18	1-244-631-11	180	1-244-655-11	1.8k	1-244-679-11	18k	1-244-703-11	180k	1-244-737-11	1.8M	1-244-751-11
2.0	1-244-608-11	20	1-244-632-11	200	1-244-656-11	2.0k	1-244-680-11	20k	1-244-704-11	200k	1-244-728-11	2.0M	1-244-752-11
2.2	1-244-609-11	22	1-244-633-11	220	1-244-657-11	2.2k	1-244-681-11	22k	1-244-705-11	220k	1-244-729-11	2.2M	1-244-753-11
2.4	1-244-610-11	24	1-244-634-11	240	1-244-658-11	2.4k	1-244-682-11	24k	1-244-706-11	240k	1-244-730-11	2.4M	1-244-754-11
2.7	1-244-611-11	27	1-244-635-11	270	1-244-659-11	2.7k	1-244-683-11	27k	1-244-707-11	270k	1-244-731-11	2.7M	1-244-755-11
3.0	1-244-612-11	30	1-244-636-11	300	1-244-660-11	3.0k	1-244-684-11	30k	1-244-708-11	300k	1-244-732-11	3.0M	1-244-756-11
3.3	1-244-613-11	33	1-244-637-11	330	1-244-661-11	3.3k	1-244-685-11	33k	1-244-709-11	330k	1-244-733-11	3.3M	1-244-757-11
3.6	1-244-614-11	36	1-244-638-11	360	1-244-662-11	3.6k	1-244-686-11	36k	1-244-710-11	360k	1-244-734-11	3.6M	1-244-758-11
3.9	1-244-615-11	39	1-244-639-11	390	1-244-663-11	3.9k	1-244-687-11	39k	1-244-711-11	390k	1-244-735-11	3.9M	1-244-759-11
4.3	1-244-616-11	43	1-244-640-11	430	1-244-664-11	4.3k	1-244-688-11	43k	1-244-712-11	430k	1-244-736-11	4.3M	1-244-760-11
4.7	1-244-617-11	47	1-244-641-11	470	1-244-665-11	4.7k	1-244-689-11	47k	1-244-713-11	470k	1-244-737-11	4.7M	1-244-761-11
5.1	1-244-618-11	51	1-244-642-11	510	1-244-666-11	5.1k	1-244-690-11	51k	1-244-714-11	510k	1-244-738-11	5.1M	1-244-762-11
5.6	1-244-619-11	56	1-244-643-11	560	1-244-667-11	5.6k	1-244-691-11	56k	1-244-715-11	560k	1-244-739-11		
6.2	1-244-620-11	62	1-244-644-11	620	1-244-668-11	6.2k	1-244-692-11	62k	1-244-716-11	620k	1-244-740-11		
6.8	1-244-621-11	68	1-244-645-11	680	1-244-669-11	6.8k	1-244-693-11	68k	1-244-717-11	680k	1-244-741-11		
7.5	1-244-622-11	75	1-244-646-11	750	1-244-670-11	7.5k	1-244-694-11	75k	1-244-718-11	750k	1-244-742-11		
8.2	1-244-623-11	82	1-244-647-11	820	1-244-671-11	8.2k	1-244-695-11	82k	1-244-719-11	820k	1-244-743-11		
9.1	1-244-624-11	91	1-244-648-11	910	1-244-672-11	9.1k	1-244-696-11	91k	1-244-720-11	910k	1-244-744-11		