

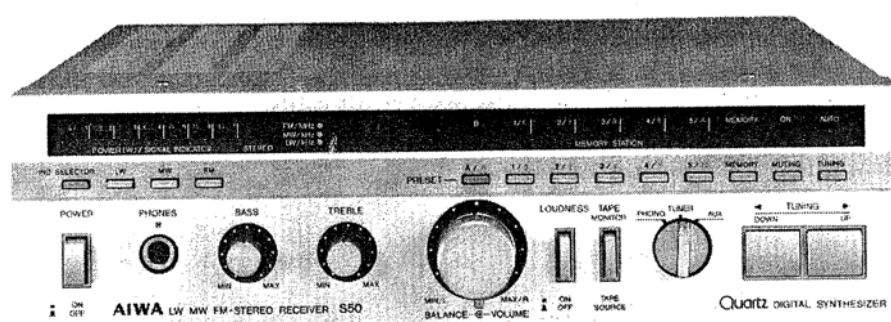
LW/MW/FM STEREO RECEIVER

MODEL NO. AX-S50E,K

AIWA®

(SERVICE MANUAL)

Code No. 06-500-000-18



DATE OF ISSUE 10/1980

SPECIFICATIONS

< GENERAL >

Semiconductors: 16 IC's, 4 FET's, 56 transistors, 69 diodes, 18 LED's

Power source: E model AC 220V
50/60 Hz
K model AC 240V
50/60 Hz

Power consumption: E model 150W
K model 140W

Dimensions: 250(W) x 71(H) x 316(D) mm

Weight: 3.6 kg

< FM tuner section >

Frequency range: 87.5 MHz to 108.0 MHz

Usable sensitivity: Less than 10 dB (at 88, 98, 107.5 MHz) (IHF, THD 3%)

S/N 26 dB sensitivity: 4 ± 3 dB (at 88, 98, 107.5 MHz)

S/N ratio: More than 60 dB (at 88, 98, 107.5 MHz) (Input 60 dB)

Total harmonic distortion: Less than 0.2% (at 98 MHz) (Input 60 dB)

Frequency response: 30 Hz to 15,000 Hz

Image response ratio: More than 65 dB (at 98 MHz)

IF response ratio: More than 70 dB (at 98 MHz)

Capture ratio: Less than 2 dB (at 98 MHz) (Input 60 dB)

Spurious response ratio: More than 80 dB (at 98 MHz)

AM suppression ratio: More than 45 dB (at 98 MHz) (Input 40 dB)

Alternate channel selectivity: More than 50 dB (at 98 MHz, ±400 Hz) (Input 40 dB)

Stereo separation: More than 37 dB (at 98 MHz)

Muting level: 25 ± 6 dB (at 98 MHz)

Auto scan stop level: 25 ± 6 dB (at 98 MHz)

< AM Tuner section >

Frequency range: MW 522 kHz to 1,611 kHz
LW 145 kHz to 350 kHz

Sensitivity: MW 53 ± 4 dB (at 603 kHz)
53 ± 4 dB (at 1,008 kHz)
53 ± 4 dB (at 1,413 kHz)
LW 65 ± 4 dB (at 160 kHz)
62 ± 4 dB (at 200,350 kHz)

S/N ratio: MW More than 33 dB (at 1,008 kHz, 74 dB input)
More than 40 dB (at 1,008 kHz, 100 dB input)
LW More than 35 dB (at 200 kHz, 80 dB input)
More than 40 dB (at 200 kHz, 104 dB input)

Total harmonic distortion: MW Less than 1.3% (at 1,008 kHz)

Image response ratio: MW 45⁺¹⁰₋₅ dB (at 1,008 kHz)
LW 44 ± 5 dB (at 200 kHz)

Selectivity: MW 30 ± 4 dB (at 1,008 kHz)

IF response ratio: MW 35 ± 5 dB (at 1,008 kHz)
LW 32 ± 5 dB (at 200 kHz)

Frequency response: MW 20 Hz to 2,500 Hz

Auto scan stop level: MW 51 ± 9 dB (at 1,008 kHz)

< Amplifier section >

Power output: 20W + 20W
(20Hz ~ 20 kHz, THD 0.5%)

Total harmonic distortion: Less than 1.0%
(20Hz ~ 20 kHz)

Power bandwidth: 10 Hz to 16,000 Hz
(IHF, 10W, THD 1.0%)

Damping factor: More than 20 dB

Separation: More than 35 dB (at 1 kHz)

Cross talk: More than 60 dB

S/N ratio: More than 75 dB (PHONO)
More than 80 dB (IHF-A curve)

PHONO max. input: More than 120mV

RIAA deviation: ±0.7 dB (30 Hz to 15,000 Hz)

Tone controls: BASS 100 Hz ±9 ± 2 dB
TREBLE 10 kHz ±9 ± 2 dB

Loudness response: 100 Hz +6 ± 2 dB
(Volume at -40 dB)
10 kHz +2 ± 1 dB

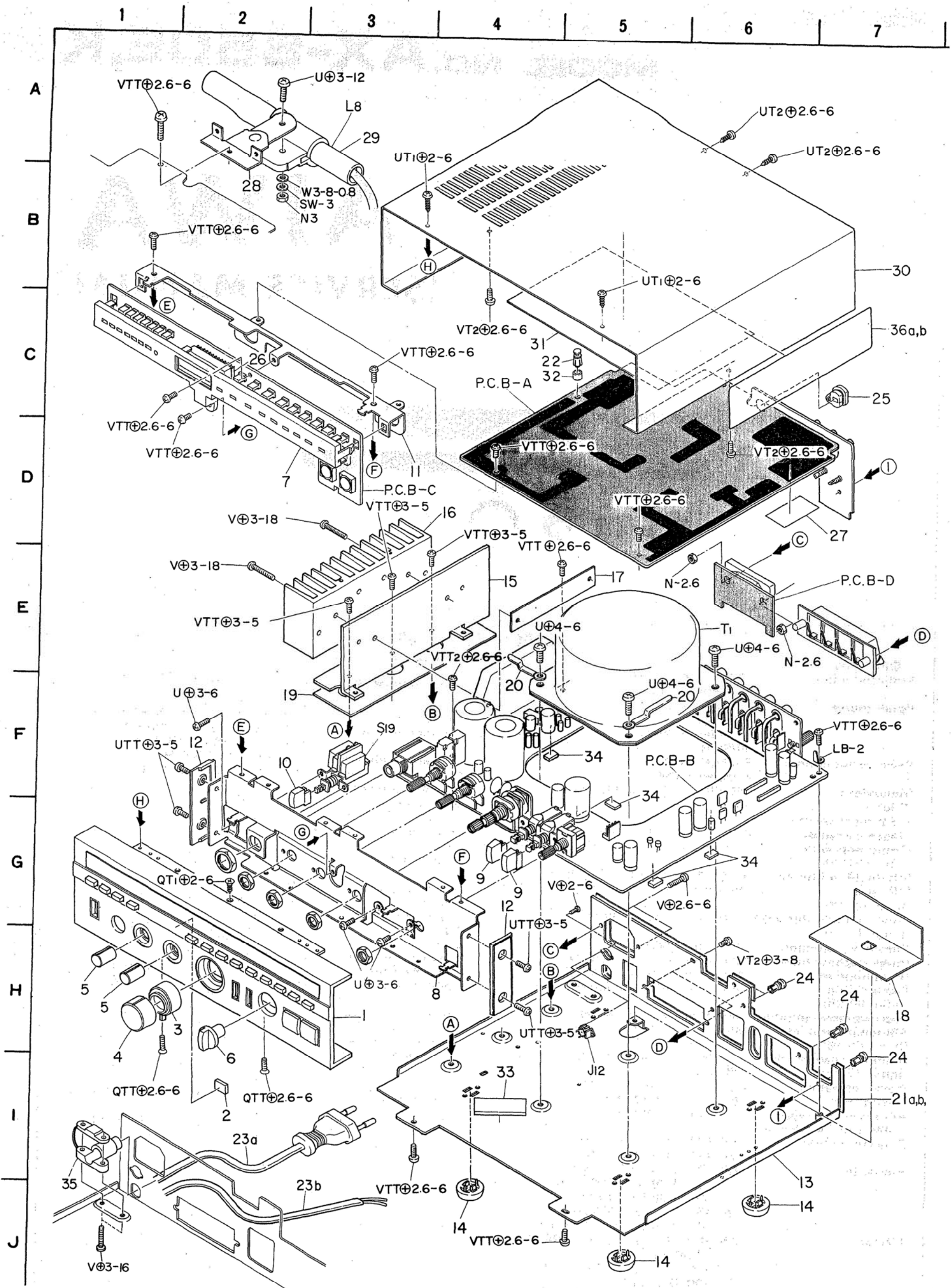
Frequency response: 40 Hz to 16,000 Hz ±1.5 dB

Input terminals: 2.5 mV/47 kohms (PHONO)
150 mV/ 47 kohm (TUNER, AUX, TAPE)

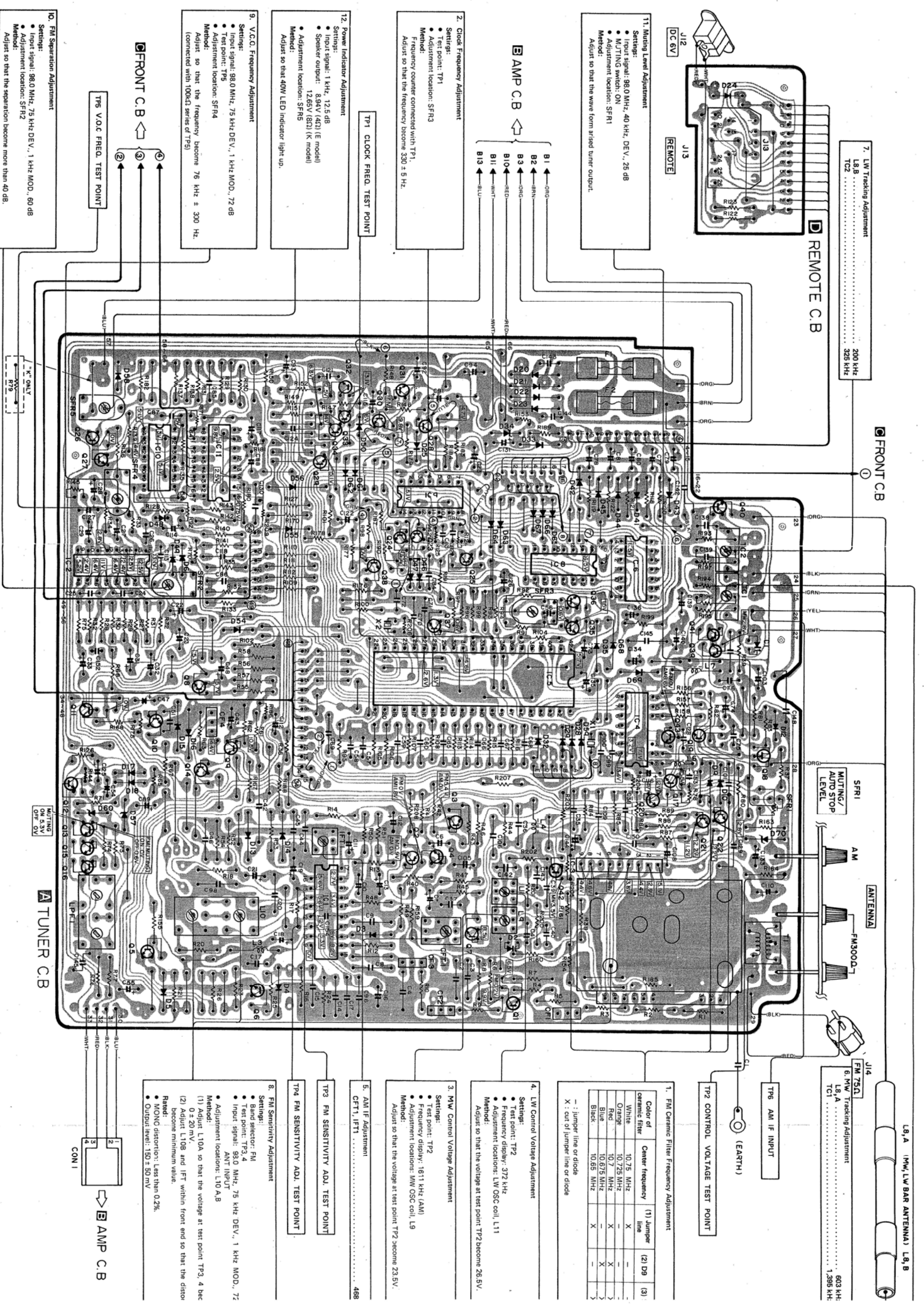
Output terminals: 150 mV/3.3 kohm (TUNER, TAPE)
4 to 16 ohms (HEAD PHONES)
0.6 mW/1W (4 ohms) (SPEAKERS)

- The specifications and external appearance of this set are subject to change without prior notice.

EXPLODED VIEW



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



7. LW Tracking Adjustment
L.B. 200 KHz
T.C2 328 KHz

FRONT C.B.

L9, A (MW, LW BAR ANTENNA) L9, B

11. Muting Level Adjustment
Settings:
• Input signal: 98.0 MHz, 40 kHz, DEV., 26 dB
• MUTING switch: ON
• Adjustment location: SFR1
Method:
Adjust so that the wave form varied tuner output.

AMP C.B.

2. Clock Frequency Adjustment
Settings:
• Test point: TP1
• Adjustment location: SFR3
Method:
Frequency counter connected with TP1.
Adjust so that the frequency become 330 ± 5 Hz.

TP1 CLOCK FREQ. TEST POINT

12. Power Indicator Adjustment
Settings:
• Input signal: 1 kHz, 12.5 dB
• Speaker output: 8.94V (42) (E model)
• Adjustment location: SFR5
Method:
Adjust so that 40W LED indicator light up.

9. V.C.O. Frequency Adjustment
Settings:
• Input signal: 98.0 MHz, 75 kHz DEV., 1 kHz MOD., 72 dB
• Test point: TP5
• Adjustment location: SFR4
Method:
Adjust so that the frequency become 76 kHz ± 300 Hz.
(connected with 100kΩ series of TP5)

FRONT C.B.

TP5 V.O.C FREQ. TEST POINT

10. FM Separation Adjustment
Settings:
• Input signal: 98.0 MHz, 75 kHz DEV., 1 kHz MOD., 60 dB
• Adjustment location: SFR2
Method:
Adjust so that the separation become more than 40 dB.

NOTES (1) B(+) Pattern B(-) Pattern Others pattern
(2) The voltage is the reference value measured with a tester (20 K ohms/V DC) when there are no signals.

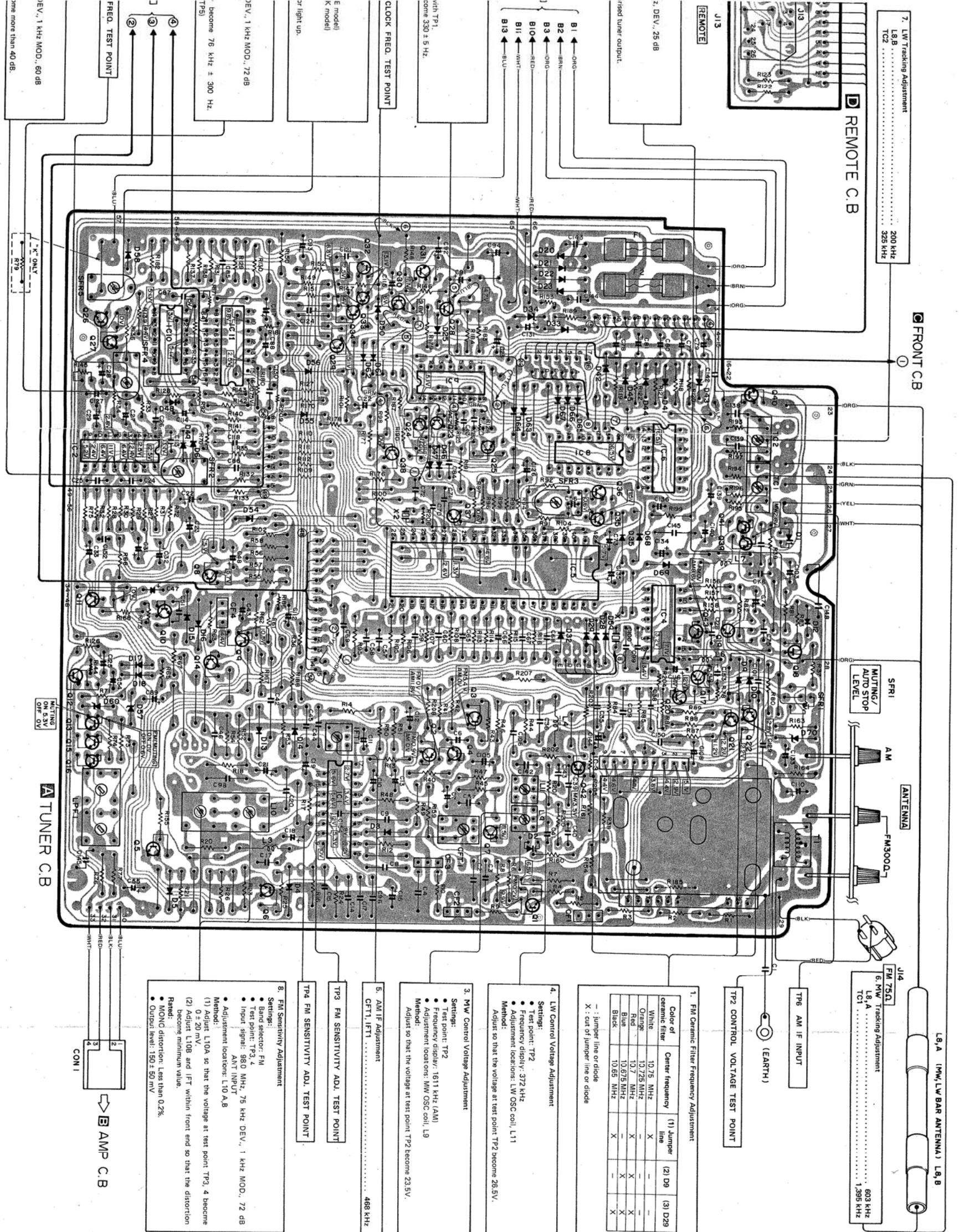
TUNER C.B.

AMP C.B.

C-MOS IC handling precautions

- (1) The C-MOS IC's construction makes this part susceptible to damage by static electricity and so take sufficient care.
- (2) Do not perform a continuity test with a tester, etc. Refer to the circuit voltages of each part.

4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19



1. FM Ceramic Filter Frequency Adjustment

Color of ceramic filter	Center frequency	(1) Jumper line	(2) D9	(3) D29
White	10.75 MHz	X	-	-
Orange	10.725 MHz	X	X	X
Red	10.7 MHz	X	X	X
Blue	10.675 MHz	X	X	X
Black	10.65 MHz	X	-	X

- : jumper line or diode
X : cut off jumper line or diode

4. LW Control Voltage Adjustment
 Settings:
 • Test point: TP2
 • Frequency display: 372 KHz
 • Adjustment locations: LW OSC coil, L11
 Method:
 Adjust so that the voltage at test point TP2 become 25.5V.

3. MW Control Voltage Adjustment
 Settings:
 • Test point: TP2
 • Frequency display: 1611 KHz (AM)
 • Adjustment locations: MW OSC coil, L9
 Method:
 Adjust so that the voltage at test point TP2 become 23.5V.

5. AM IF Adjustment
 CFT1, LFT1 468 KHz

TP3 FM SENSITIVITY ADJ. TEST POINT
 TP4 FM SENSITIVITY ADJ. TEST POINT

8. FM Sensitivity Adjustment
 Settings:
 • Band selector: FM
 • Test point: TP3, 4
 • Input signal: 98.0 MHz, 75 kHz DEV., 1 kHz MOD., 72 dB ANT INPUT
 • Adjustment locations: L10 A,B
 Method:
 (1) Adjust L10A so that the voltage at test point TP3, 4 become 0 ± 20 mV.
 (2) Adjust L10B and LFT within front end so that the distortion become minimum value.
 Rated:
 • M/DNG distortion: less than 0.2%
 • Output level: 150 ± 50 mV

CON 1 → AMP C.B.

C-MOS IC handling precautions

- (1) The C-MOS IC's construction makes this part susceptible to damage by static electricity and so take sufficient care.
- (2) Do not perform a continuity test with a tester, etc. Refer to the circuit voltages of each part.

B (-) Pattern Others pattern
 e reference value measured with a tester (20 K ohms/V DC) when there are no signals.

7. LW Tracking Adjustment
 L8.B 200 kHz
 TC2 325 kHz

REMOTE C.B.

FRONT C.B.

2. DEV., 25 dB
 rised tuner output.

B1 ← ORG
 B2 ← BRN
 B3 ← ORG
 B10 ← WHT
 B11 ← WHT
 B13 ← BLU

CLOCK FREQ. TEST POINT
 with TP1,
 come 330 ± 5 Hz.

E model
 K model

or light up.

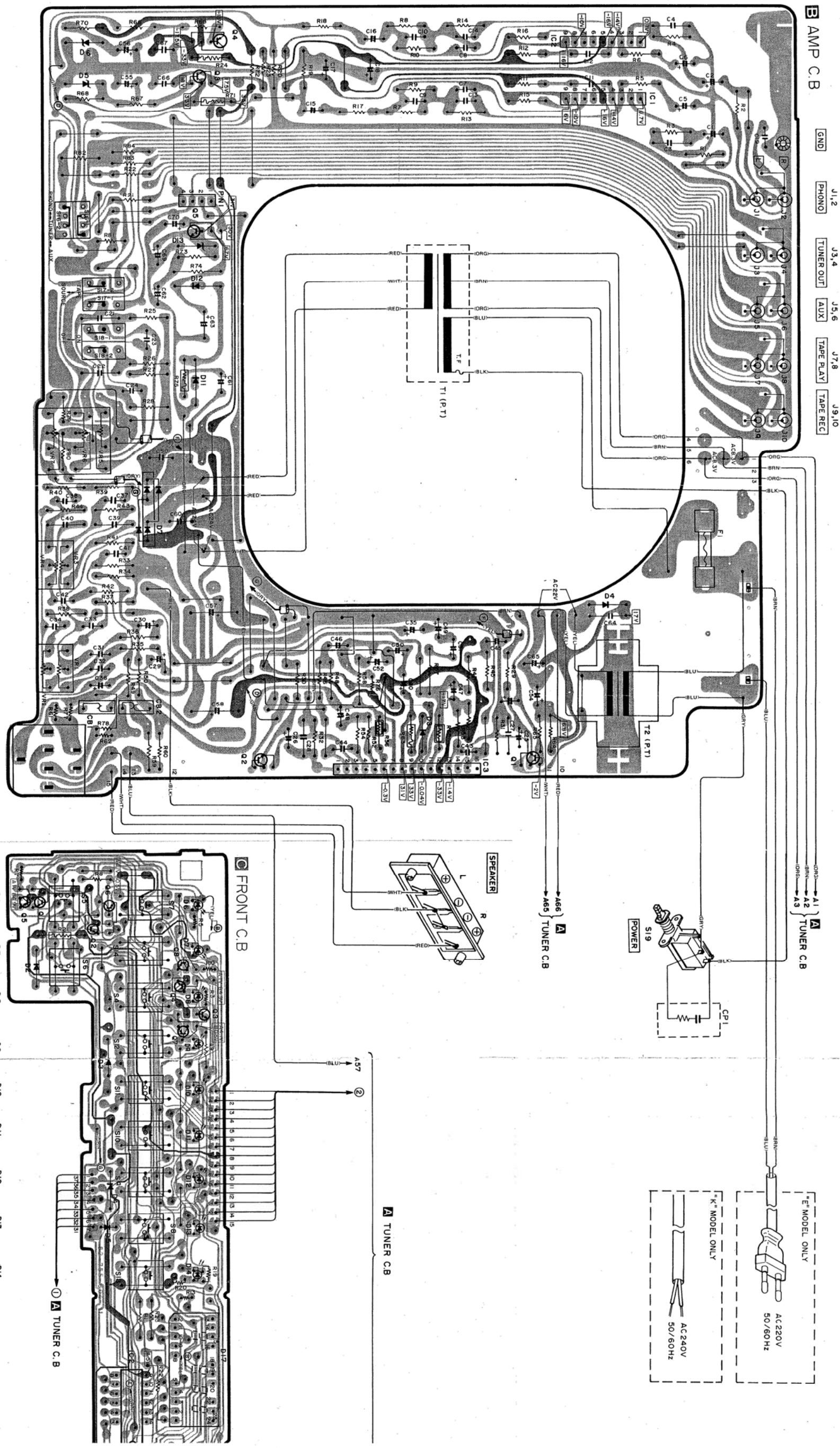
DEV., 1 kHz MOD., 72 dB
 TP5) become 75 kHz ± 300 Hz.

FREQ. TEST POINT

DEV., 1 kHz MOD., 80 dB
 more than 40 dB.

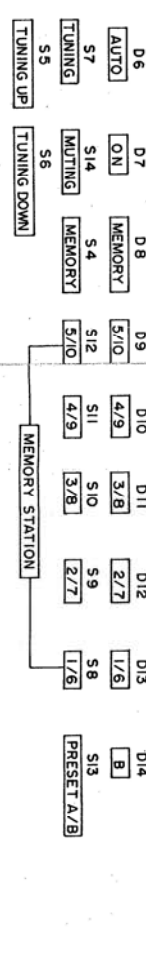
WIRING-2

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



NOTES (1) B(+) Pattern Others pattern

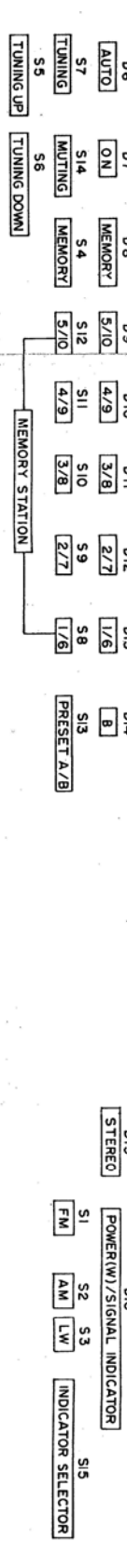
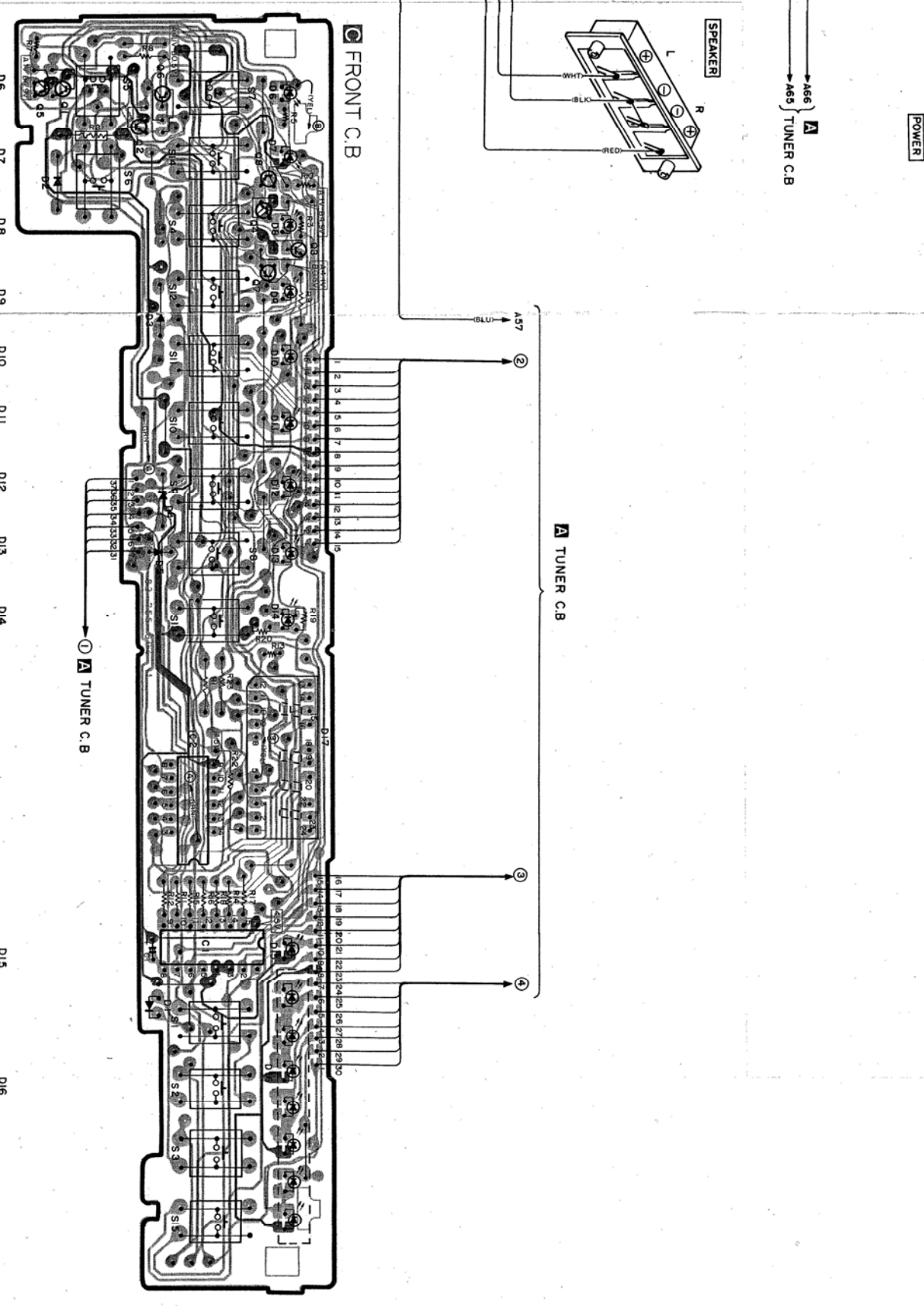
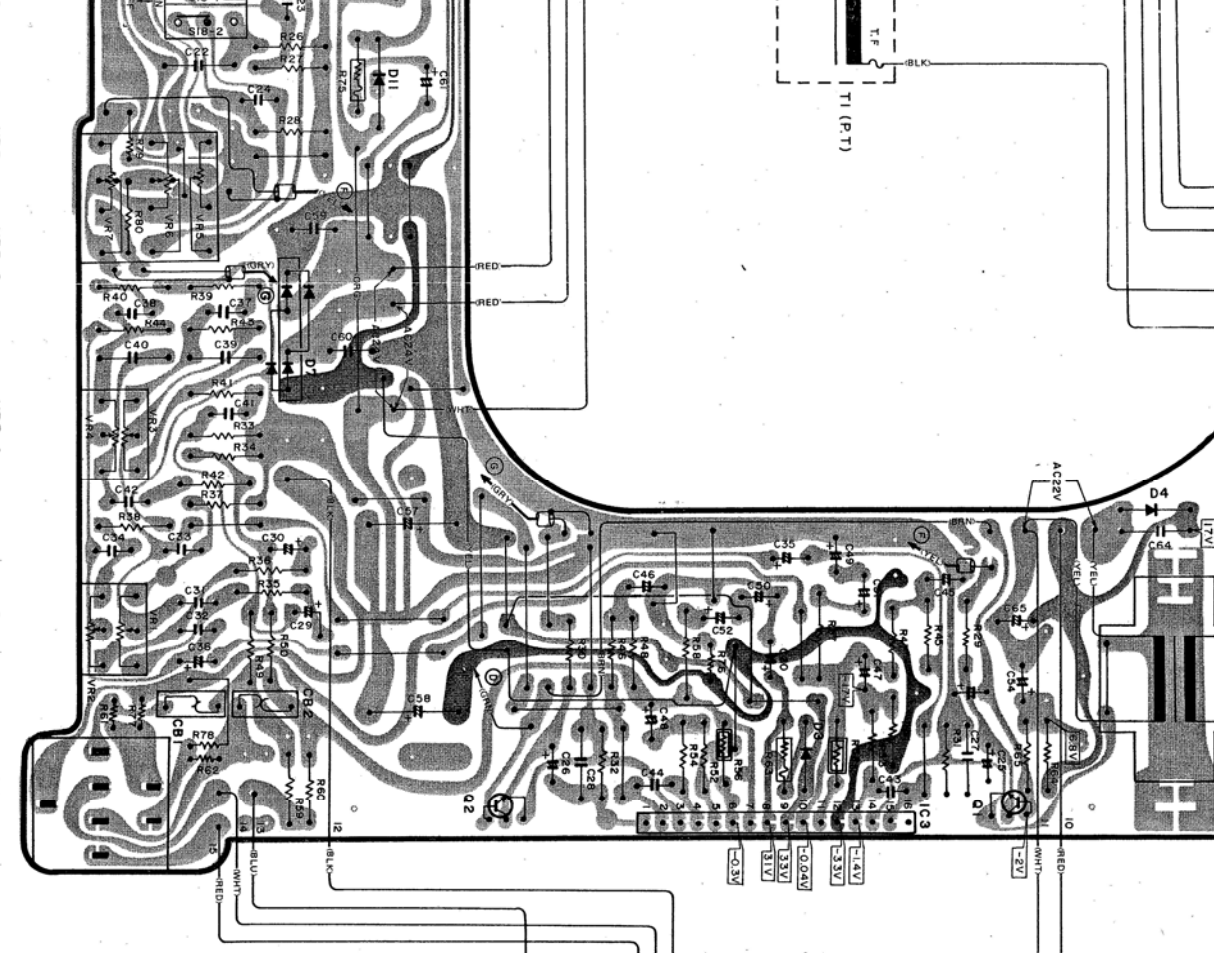
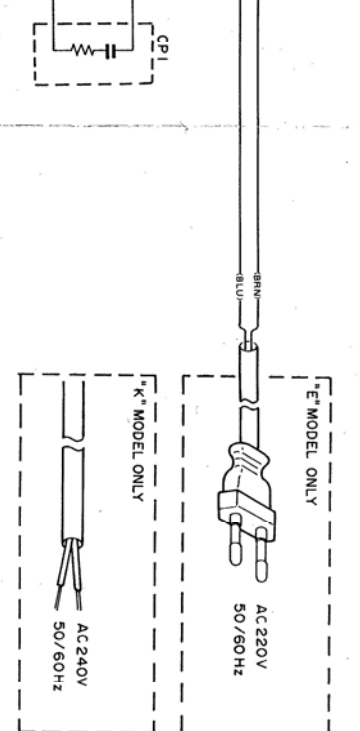
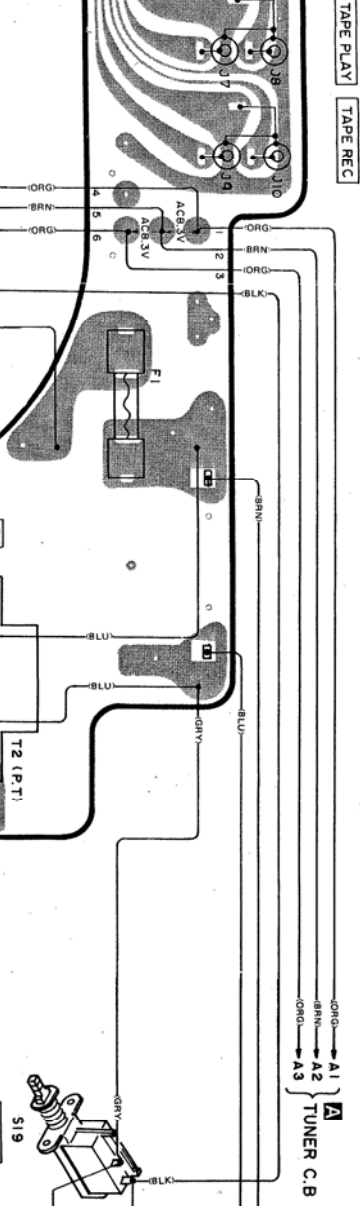
(2) The voltage is the reference value measured with a tester (20 K ohms/V DC) when there are no signals. But () is with AM reception.



NOTES (1) B(+) Pattern Component side pattern Others pa

5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

J7.8 J9.10
TAPES PLAY TAPE REC





NOTES (1) ■ B(+) Pattern ■ Component side pattern ■ Others pattern

Others pattern
ence value measured with a tester (20 K ohms/V DC) when there are no signals.
AM reception.








- D6 AUTO
- S7 TUNING
- S5 TUNING UP/ TUNING DOWN
- D7 ON
- S14 MUTING
- S6 TUNING DOWN
- D8 MEMORY
- S4 MEMORY
- D9 5/I/O
- S12 5/I/O
- D10 4/9
- S11 4/9
- D11 3/8
- S10 3/8
- D12 2/7
- S9 2/7
- D13 1/6
- S8 1/6
- D14 8
- S13 PRESET A/B
- D15 STEREO
- S1 POWER(W)/SIGNAL INDICATOR
- S2 AM
- S3 LW
- S5 INDICATOR SELECTOR








ELECTRICAL MAIN PARTS LIST


Symbol No.	Part No.	Description
« TUNER CIRCUIT BOARD SECTION »		
PCB-A	82-755-665-01	Tuner circuit board
CP1	82-755-610-01	Front end U
IC1	82-494-791-01	IC, HA11211
IC2	87-027-576-01	IC, HA12016
IC3	87-027-546-01	IC, TD6102 (P)
IC4	87-027-547-01	IC, TC9125 (P)
IC5	87-027-639-01	IC, TC9129 (P)
IC6,8,9	87-027-427-01	IC, MSM4016
IC10	87-027-668-01	IC, HD74LS73P
IC11	87-027-690-01	IC, IR2E02
Q1	89-319-233-01	Transistor, 2SC1923 (O)
Q2	89-110-154-01	Transistor, 2SA1015 (Y)
Q3,4,5,6, 8,9,10,11 12,14,17, 19,20,21, 22,23,24, 25,26,27, 28,31,33, 34,37,38, 39,41,43	89-318-154-01	Transistor, 2SC1815 (Y)
Q7	89-303-803-01	Transistor, 2SC380 (O)
Q13,29,35 36,40	89-318-155-01	Transistor, 2SC1815 (GR)
Q15,16	89-320-011-01	Transistor, 2SC2001 (K)
Q18	89-500-303-01	FET, 2SK30 (O)
Q30,32	89-408-804-01	Transistor, 2SD880 (Y)
Q42	89-318-156-01	Transistor 2SC1815 (BL)
D1,2	87-027-535-01	Diode, KV1226 (Y)
D3,4,5,6 9,10,12,17 18,25,28,29 32,35,41,42 43,44,45,46 47,48,49,52 54,55,56,59 61,62,63,64 65,66,67,68 69	87-027-097-01	Diode, 1S1555
D13,14,15, 16,33	88-052-188-11	Diode, 1S188 (FM)
D20,21,22 23,50	87-027-365-01	Diode, S5277 (B)
D34	87-027-552-01	Zener diode, HZ6B3L
D57	87-027-385-91	Zener diode, HZ11A3L
D60	87-027-393-01	Zener diode, HZ4C2
D70	87-027-375-01	Zener diode, HZ7C3L
L2	87-005-126-01	Choke coil, 1mH
L3,4,6,7	87-005-121-01	Choke coil, 2.2μH
L9	82-775-607-01	MW OSC coil
L10	82-742-641-01	Coil, Quad
L11	82-755-608-01	LW OSC coil
X1	82-742-676-01	Crystal, 9 MHz
X2	82-755-643-01	Ceramic resonator
LPF1	87-030-070-01	Low-pass filter
TC1	87-011-108-01	Trimmer, 8p
TC2	87-011-109-01	Trimmer, 15p
CF1	87-008-221-01	Ceramic filter HS 2GYHZ (E model only)
CF1	87-008-206-01	Ceramic filter FMMA8H (K model only)
CF2,3	87-008-206-01	FM ceramic filter FMMA8H

Symbol No.	Part No.	Description
CF4	87-008-217-01	FM ceramic filter, CFM2-468Z
CFT1	87-008-216-01	AM ceramic filter transformer CFMA-468
IFT1	87-008-160-01	AM IFT (DET)
T1	87-006-053-01	Balun
SFR1	87-021-557-01	Semi-fixed resistor, 10k Ω -B
SFR2	87-021-571-01	Semi-fixed resistor, 200k Ω -B
SFR3	87-021-573-01	Semi-fixed resistor, 3k Ω -B
SFR4	87-021-566-01	Semi-fixed resistor, 5k Ω -B
SFR5	87-021-567-01	Semi-fixed resistor 10k Ω -B (E model only)
SFR5	87-021-571-01	Semi-fixed resistor 20k Ω -B (K model only)
 F1,2	87-035-219-01	Fuse, "T" 500mA
 F1,2	87-033-147-01	Fuse clamp
	82-755-606-01	Antenna terminal ass'y (ANTENNA) (E model only)
	82-755-613-01	Antenna terminal ass'y (ANTENNA) (K model only)
		< Capacitors >
C94	87-015-615-01	1000 μ F 25V Electrolytic
C56	87-015-566-01	0.47 μ F 16V Tantalum
C142	87-014-042-01	240PF PP
C41	87-014-048-01	430pF PP
C24,25,26	87-014-057-01	1000pF PP
C138	87-014-063-01	1800pF PP

« AMP CIRCUIT BOARD SECTION »

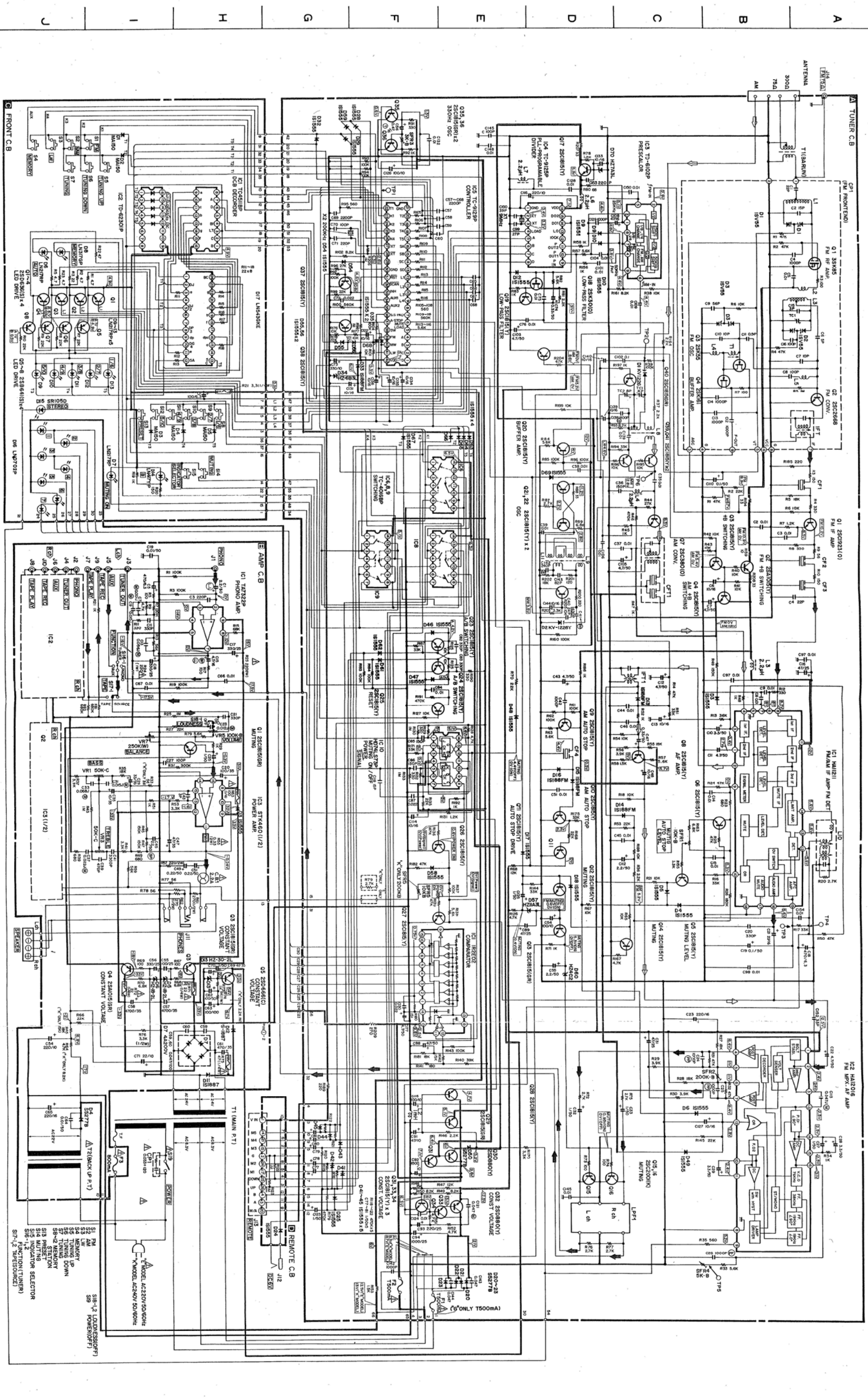
PCB-B	82-755-648-21	Amp. circuit board
IC1,2	87-027-529-01	IC, TA7322P
IC3	87-027-658-01	IC, STK460
Q1,2,3	89-318-155-01	Transistor, 2SC1815 (GR)
Q4	89-110-155-01	Transistor, 2SA1015 (GR)
Q5	89-406-663-01	Transistor, 2SD666 (C)
D3	87-027-097-01	Diode, 1S1555
D4	87-027-365-01	Diode, S5277B
D5,6	87-027-347-01	Zener diode, HZ18-2L
D7	87-027-155-01	Encapsulated diode
D11,12	87-027-324-01	Diode, 1S1887
D13	87-027-661-01	Zener diode, H-30-2L
CB1,2	82-493-703-01	Circuit braker 2.5A (E model only)
CB1,2	87-030-077-01	Circuit braker, 2.2A(K model only)
J1~10	82-755-623-01	Jack plate ass'y
J11	87-049-011-01	Jack, 6.3 ϕ w/switch (PHONES)
VR1,2	87-021-638-01	Volume, 50k Ω -C (BASS)
VR3,4	87-021-637-01	Volume, 50k Ω -C (TREBLE)
VR5,6,7	87-021-636-01	Volume, 250k Ω -W, 100k Ω -Bx2 (VOLUME, BALANCE)
S16	87-031-585-01	Rotary switch (FUNCTION)
S17,18	87-031-584-01	Push-switch (TAPE, LOUDNESS)
PIN-1	87-032-904-01	Pin, 4P
 T2	82-755-653-01	Back-up power transformer
 F3	87-035-221-01	Fuse, "T" 800mA
 F3	87-033-147-01	Fuse clamp
		< Resistor >
 R75	87-029-107-01	3.3 Ω 1/4w Fuse resistor
 R71,72	87-029-090-01	22 Ω 1/4w Fuse resistor
 R75	87-029-102-01	47 Ω 1/4w Fuse resistor
 R63	87-029-119-01	100 Ω 1/4w Fuse resistor
R23,24	87-025-311-01	220 Ω 1w Metal film
R74	87-025-213-01	1k Ω 1w Non flame (E model only)

Symbol No.	Part No.	Description
R74	87-025-176-01	2.2k Ω 1w Non flame (K model only)
R25,26	87-025-270-01	0.33 Ω 2w Cement resistor
		< Capacitors >
C1,2	87-015-242-01	2.2 μ F 50V Electrolytic LL
C45,46	87-015-387-01	2.2 μ F 50V Electrolytic BP LL
C15,16	87-015-507-01	4.7 μ F 16V Electrolytic BP LL
« FRONT CIRCUIT BOARD SECTION »		
PCB-C	82-755-604-11	Front circuit board
IC1	87-027-590-01	IC, TC4511 (BP)
IC2	87-027-426-01	IC, IR2403
Q1,2,3,4	89-406-365-01	Transistor, 2SD636 (S)
Q5,6,7,8	89-206-415-01	Transistor, 2SB641 (S)
D1,2,3,4,5	87-027-219-01	Diode, MA150
D6,7,9,10 11,12,13	87-027-542-01	Light emitting diode, LN217RP (AUTO, ON, 5/10, 4/9, 3/8, 2/7, 1/6 INDICATOR)
D8	87-027-543-01	Light emitting diode, LN317GP (MEMORY INDICATOR)
D14	87-027-671-01	Light emitting diode, LN417YP (PRESET B INDICATOR)
D15	87-027-687-01	Light emitting diode, SR-505D (STEREO INDICATOR)
D16	82-553-603-01	Light emitting diode, LN07202 (P)
D17	87-027-670-01	Light emitting diode, LN543GK, E (FREQUENCY DISPLAY)
S1,2,3,4,5,6 7,8,9,10,11 12,13,14,15	87-031-498-01	Push-switch
« REMOTE CIRCUIT BOARD SECTION »		
PCB-D	82-755-666-01	Remote circuit board
D24	87-027-097-01	Diode, 1S1555
J13	82-747-615-11	Connector ass'y (REMOTE)
« MISCELLANEOUS »		
 T1	82-755-618-01	Power transformer (E model only)
 T1	82-755-650-01	Power transformer (K model only)
L8	82-755-615-01	MW/LW bar antenna
J12	82-755-627-01	DC jack
	82-755-677-01	Speaker terminal
 S19	87-031-467-01	Push-switch (POWER)
	87-034-877-01	AC power cord (E model only)
	87-034-872-01	AC power cord (K model only)
	87-085-180-01	Cord bushing
	87-085-166-01	Holder, AC power cord
CON-1	82-755-635-01	Connector ass'y, 4P
	82-304-743-01	1P, Terminal
	82-755-656-01	Core ring E,K
		< Capacitors >
 C1	87-019-104-01	0.01 μ F PP

 This symbol is given to important parts which serve to maintain the safety of the product, and which are made to conform to special safety specifications. Therefore, when replacing a component with this symbol, make absolutely sure that you use a designated part.

SCHEMATIC DIAGRAM

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

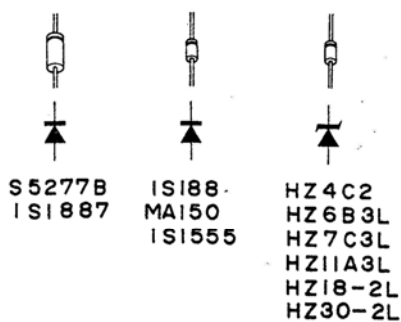
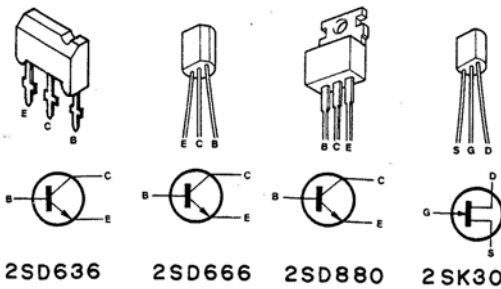
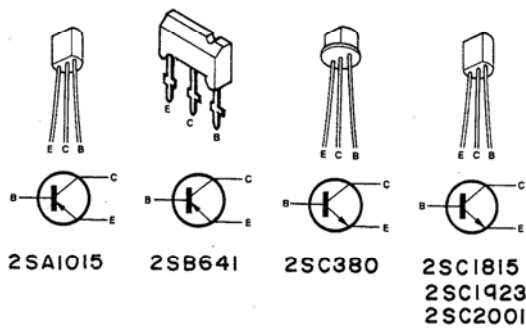


NOTES:

- 1) B (+) power supply B (-) power supply
- 2) Signal path
 Rec path, AM signal path.
- 3) The voltage is the reference value measured with a tester (20 k-ohms/V DC) when there are no signals. But () is with AM reception or recording. An asterisk (*) indicates that the value was measured with a vacuum-tube voltmeter during recording.
- 4) Resistors with no designation have a rated power of 1/4W and a tolerance of ±5%.
- 5) Capacitors with no designation have a dielectric strength of less than 50WV.
- 6) The only capacitor tolerances indicated are ±5% (J) and ±10% (K).
- 7) Ceramic capacitor symbols:
 - For temperature compensation (SL)
 - High dielectric constant system (YY)
 - High dielectric constant system (YW, YP, YZ)
 - Semiconductor ceramic
 - For temperature compensation (SH)
- 8) Explanation of symbols
 - Mylar capacitor
 - Aluminum solid capacitor
 - Polypropylene film capacitor
 - Bi-polarized capacitor
 - Low-leakage capacitor
 - Tantalum capacitor
 - Safety component symbol

This symbol is given to important parts which serve to maintain the safety of the product, and which are made to conform to special safety specifications. Therefore, when replacing a component with this symbol, make absolutely sure that you use a designated part.

 - This schematic diagram is subject to change without notice in the interests of improved performance.



PARTS LIST

MECHANICAL PARTS

* mark in this part list shows exclusive part (which is used) for only Model No. AX-S50.

Ref. No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
1-1	09-047-186-01		Front panel ass'y	*	1
	82-755-002-01		Front panel U	*	1
	82-747-003-01		Window	ST-R50	1
	82-747-009-01		Guide E	ST-R50	1
	82-745-011-01		Guide, Push-button B		1
	82-755-024-01		Decorative plate, Balance knob	*	1
	82-745-014-01		Decorative plate, Knob		2
	82-745-012-01		Guide, Push-button C		1
	82-755-006-01		Guide	*	1
	82-755-003-01		Guide	*	1
	82-747-006-01		Push-key E	ST-R50	2
	82-747-206-01		Leaf plate spring B	ST-R50	1
	82-755-016-01		Push-key G	*	11
	82-755-025-01		Push-key (Tank G)	*	2
	82-755-210-01		Plate spring	*	3
	82-755-211-01		Plate spring I	*	1
1-2	82-755-223-01		S-cushion, Display	*	1
1-3	82-751-002-01		Knob, Balance	SA-C30	1
1-4	82-751-001-01		Knob, Volume	SA-C30	1
1-5	82-751-013-01		Knob	SA-C30	2
1-6	82-753-006-01		Knob, Selector		1
1-7	82-755-005-01		Display E	*	1
1-8	82-755-201-01		Chassis, Front	*	1
1-9	82-745-009-01		Push-button B		2
1-10	82-745-010-01		Push-button C		1
1-11	82-755-207-01		Chassis Tuner	*	1
1-12	82-745-003-01		Side panel L		2
1-13	82-755-204-01		Amp. chassis E ass'y	*	1
1-14	82-745-019-01		Foot		4
1-15	82-755-601-01		Heatsink A	*	1
1-16	82-758-601-01		Heatsink C		1
1-17	82-731-204-01		Holder, IC		1
1-18	82-755-217-01		Insulation sheet E	*	1
1-19	82-755-602-01		Heatsink B	*	1
1-20	87-064-080-01		Wire binder		2
1-21a	82-755-010-01		Jack plate E (E model only)	*	1
1-21b	82-755-026-01		Jack plate K (K model only)	*	1
1-22	87-085-090-01		Nylon rivet		1
1-23a	87-034-877-01		AC power cord (E model only)		1
1-23b	87-034-872-01		AC power cord (K model only)		1
1-24	87-084-063-01		Nylon rivet		4
1-25	87-085-180-01		Cord bushing		1
1-26	82-747-209-01		Spacer, Counter	ST-R50	1
1-27	82-756-657-01		Shield plate	*	1
1-28	82-755-208-01		Antenna holder ass'y	*	1
1-29	82-755-642-01		Bar antenna D	*	1
1-30	82-755-008-01		Cabinet, steel	*	1
1-31	82-755-220-01		Insulation sheet A	*	1
1-32	82-439-226-01		Coller, FR slide plate	TPR-300	1
1-33	87-063-113-01		Cushion WA		1
1-34	82-755-221-01		G cushion	*	4
1-35	87-085-166-01		Holder, AC power cord		1
1-36a	82-755-012-01		Name plate, Spec. (E model only)	*	1
1-36b	82-755-012-01		Name plate, Spec. (K model only)	*	1

AIWA

ACCESSORIES/PACKAGE

Ref. No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
1	82-755-853-01		Printed indiv., Packing	*	1
2	82-747-853-21		Cushion L, Printed indiv.	ST-R50	1
3	82-747-854-21		Cushion R, Printed indiv.	ST-R50	1
4	87-051-135-11		Poly-vinyl sack (for AC power cord)		1
5	87-056-604-01		Poly-vinyl sack (for case)		1
6a	82-755-907-01		Instructions booklet (E model only)	*	1
6b	82-755-908-01		Instructions booklet (K model only)	*	1
7	87-051-171-11		Poly-vinyl sack		1
8	87-056-009-01		Distributors list		1
9	87-043-051-01		FM feeder antenna		1