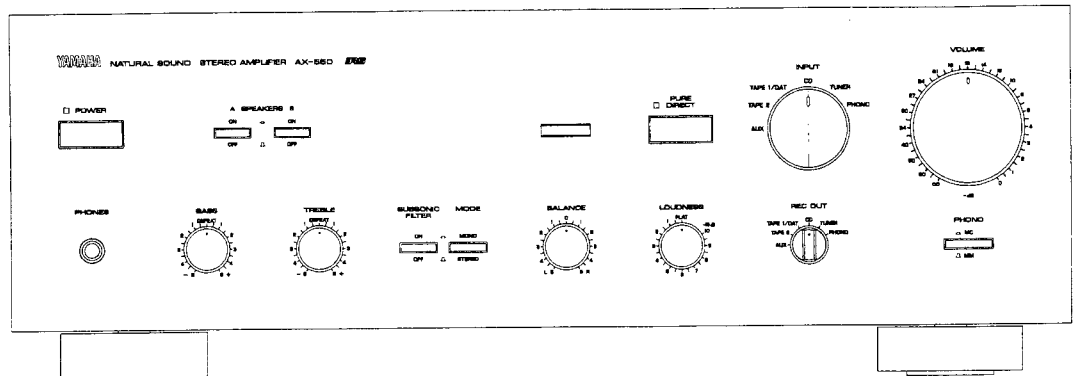
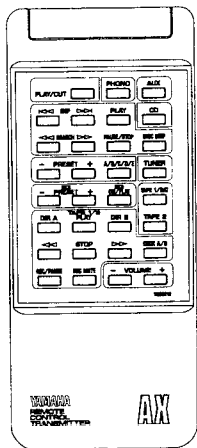


STEREO INTEGRATED AMPLIFIER

AX-550

SERVICE MANUAL



IMPORTANT NOTICE

This manual has been provided for the use of authorized YAMAHA Retailers and their service personnel. It has been assumed that basic service procedures inherent to the industry, and more specifically YAMAHA Products, are already known and understood by the users, and have therefore not been restated.

WARNING: Failure to follow appropriate service and safety procedures when servicing this product may result in personal injury, destruction of expensive components, and failure of the product to perform as specified. For these reasons, we advise all YAMAHA product owners that any service required should be performed by an authorized YAMAHA Retailer or the appointed service representative.

IMPORTANT: The presentation or sale of this manual to any individual or firm does not constitute authorization, certification or recognition of any applicable technical capabilities, or establish a principle-agent relationship of any form.

The data provided is believed to be accurate and applicable to the unit(s) indicated on the cover. The research, engineering, and service departments of YAMAHA are continually striving to improve YAMAHA products. Modifications are, therefore, inevitable and specifications are subject to change without notice or obligation to retrofit. Should any discrepancy appear to exist, please contact the distributor's Service Division.

WARNING: Static discharges can destroy expensive components. Discharge any static electricity your body may have accumulated by grounding yourself to the ground buss in the unit (heavy gauge black wires connect to this buss).

IMPORTANT: Turn the unit OFF during disassembly and part replacement. Recheck all work before you apply power to the unit.

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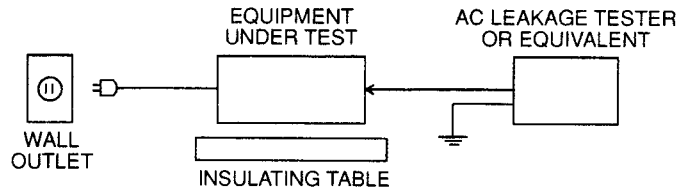
SCHEMATIC DIAGRAM12~13

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■ TO SERVICE PERSONNEL

1. Critical Components Information.
Components having special characteristics are marked  and must be replaced with parts having specifications equal to those originally installed.
2. Leakage Current Measurement (For 120 V Model Only).
When service has been completed, it is imperative that you verify that all exposed conductive surfaces are properly insulated from supply circuits.
 - Meter impedance should be equivalent to 1500 ohm shunted by 0.15 µF.
 - Leakage current must not exceed 0.5 mA.
 - Be sure to test for leakage with the AC plug in both polarities.



• POLARIZATION

This product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. (U.C model only)

WARNING: CHEMICAL CONTENT NOTICE!

The solder used in the production of this product contains LEAD. In addition, other electrical/electronic and/or plastic (where applicable) components may also contain traces of chemicals found by the California Health and Welfare Agency (and possibly other entities) to cause cancer and/or birth defects or other reproductive harm.

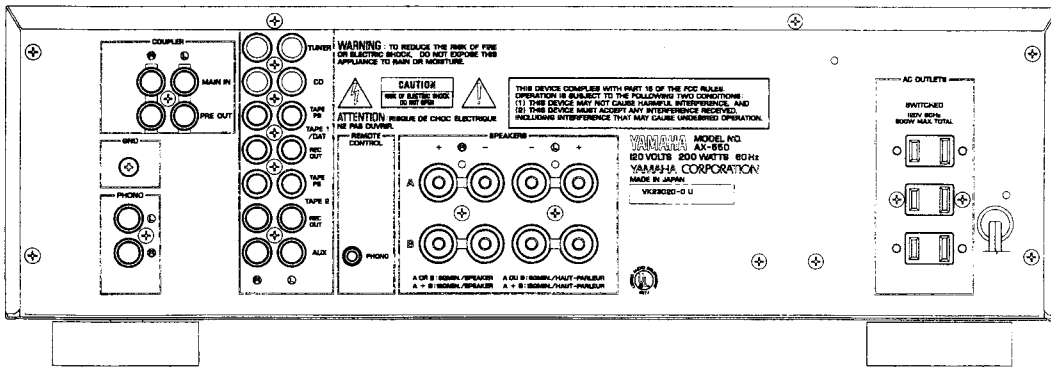
DO NOT PLACE SOLDER, ELECTRICAL/ELECTRONIC OR PLASTIC COMPONENTS IN YOUR MOUTH FOR ANY REASON WHAT SO EVER!

Avoid prolonged, unprotected contact between solder and your skin! When soldering, do not inhale solder fumes or expose eyes to solder/flux vapor!

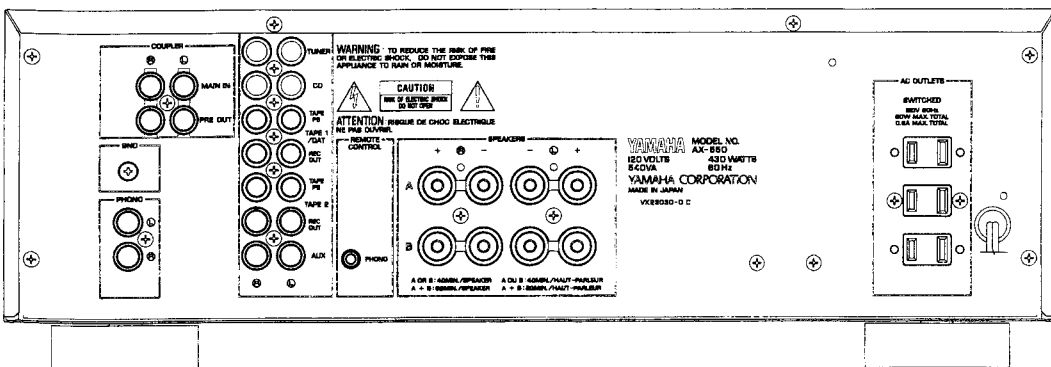
If you come in contact with solder or components located inside the enclosure of this product, wash your hands before handling food.

■ REAR PANELS

● U.S.A model

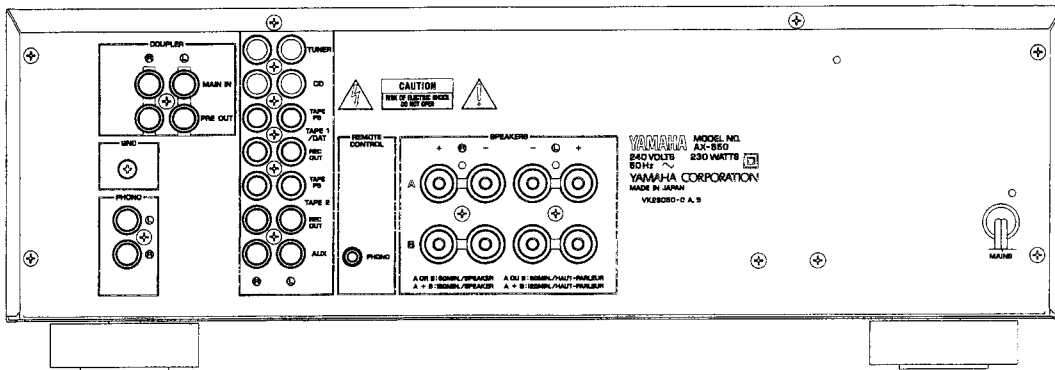


● Canadian model

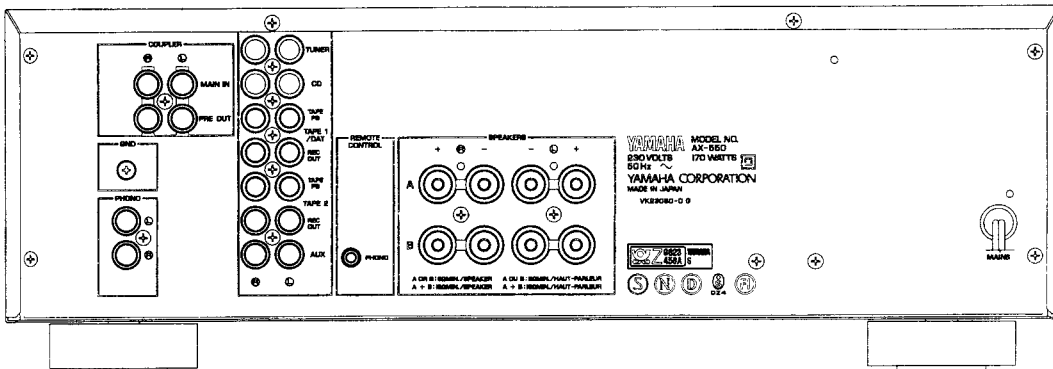


AX-550

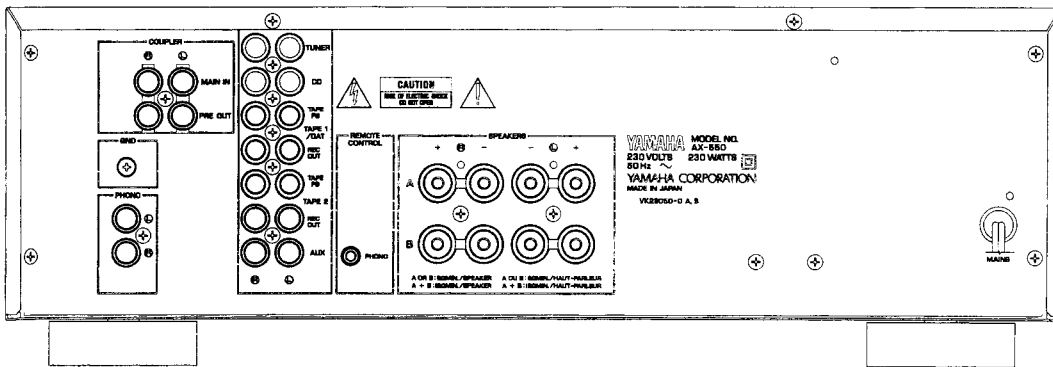
● Australian and British models



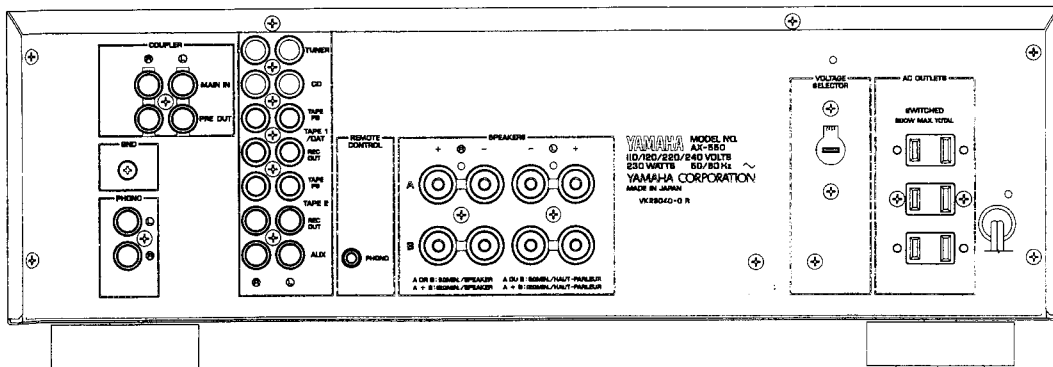
● North European model



● German model



● General model



AX-550

■ SPECIFICATIONS

Minimum RMS Output Power Per Channel

AX-550
 20 Hz - 20 kHz 0.015% THD 8Ω 85W
 20 Hz - 20 kHz 0.03% THD 6Ω
 U.S.A. model 95W
 Except U.S.A. model 100W

Dynamic Power Per Channel
 (by IHF Dynamic Headroom Measuring Method)

AX-550
 8Ω/6Ω/4Ω/2Ω 135W/160W/195W/230W

DIN Standard Output Power Per Channel
 (European model)

AX-550
 1 kHz 0.7% THD 4Ω 140W

Dynamic Headroom (U.S.A., Canadian and
 General models)

AX-550
 8Ω 2.01 dB
 6Ω 2.26 dB

IEC Power (European model)

AX-550
 1 kHz 0.01% THD 8Ω 105W

Power Bandwidth

AX-550
 0.03% THD 42.5W 8Ω 10 Hz - 50 kHz

Damping Factor

1 kHz 8Ω 250 or more

Input Sensitivity/Impedance

Phono MC 160 μV 220Ω
 MM 2.5 mV/47 kΩ
 CD/TUNER/AUX/TAPE/DAT
 150 mV/47 kΩ
 MAIN IN (AX-550 only) 1V/14 kΩ

Input Sensitivity (New IHF) (U.S.A., Canadian and
 General models)

Phono MC 19 μV
 MM 0.27 mV
 CD/AUX/TUNER/TAPE/DAT 15.5 mV

Maximum Input level (1 kHz 0.01% THD)

Phono MC 10 mV
 MM 150 mV

Output Level/Impedance

REC OUT 150 mV 220Ω
 PRE OUT (AX-550 only) 1V/470Ω

Maximum Voltage Output (AX-550 only)

20 Hz - 20 kHz 0.01% THD 6.0V

Headphone Jack Rated Output/Impedance

AX-550
 0.015% THD RL=8Ω 0.52V/390Ω

Frequency Response

CD/TUNER/AUX/TAPE/DAT
 20 Hz - 20 kHz, 0 ± 0.5 dB
 MAIN IN (AX-550 only)
 20 Hz - 20 kHz, 0 ± 0.5 dB

RIAA Equalization Deviation

20 Hz - 20 kHz,
 Phono MC ± 0.5 dB
 MM ± 0.3 dB

Total Harmonic Distortion 20 Hz - 20 kHz

Phono MC to REC OUT, 3V 0.007%
 MM to REC OUT, 3V 0.003%

AX-550
 CD/TUNER/AUX/TAPE/DAT to
 Pre Out, 3V 0.005%
 CD/TUNER/AUX/TAPE/DAT to
 Sp Out, 42.5W/8Ω 0.008%
 MAIN IN to Sp Out, 42.5W/8Ω 0.006%

Intermodulation Distortion

CD/TUNER/AUX/TAPE/DAT
 Rated Output/8Ω 0.01%

Signal-to-Noise Ratio (IHF-A Network)
 (Pure Direct Switch: ON)

AX-550
 Phono MC (500 μV Input Shorted) 76 dB
 MM (5 mV Input Shorted) 92 dB
 CD/TUNER/AUX/TAPE/DAT (Shorted)
 110 dB

Signal-to-Noise Ratio (New IHF)
 (Pure Direct Switch: ON)

AX-550
 Phono MC 75 dB
 MM 77 dB
 CD/AUX/TUNER/TAPE/DAT 87 dB

Residual Noise (IHF-A Network)
 (Pure Direct Switch: ON) 70 μV

Channel Separation Vol -30 dB
 Phono MC, MM Input shorted
 1 kHz/10 kHz 75 dB/60 dB
 CD/TUNER/AUX/TAPE/DAT
 Input 5.1 kΩ
 Terminated 1 kHz/10 kHz 65 dB/50 dB

Tone Control Characteristics

Bass
 Boost / Cut ± 10 dB (20 Hz)
 Turnover frequency 350 Hz

Treble
 Boost / Cut ± 10 dB (20 kHz)
 Turnover frequency 3.5 kHz

Filter Characteristics (Subsonic)

AX-550 15 Hz, 18 dB/oct

Continuous Loudness Control (Level Related
 Equalization)
 Attenuation -40dB (1 kHz)

Gain Tracking Error (0 - -60 dB)

AX-550 2 dB

Power Supply

U.S.A. and Canadian model ... AC 120V/60 Hz
 British and Australian models
 AC 240V/50 Hz
 European model AC 230V/50 Hz
 General model
 AC 110/120/220/240V, 60/50 Hz

Power Consumption

U.S.A. model 200W
 Canadian model 430W
 British, Australian, Europe (except Scandinavia)
 and General models 230W
 Scandinavian model 170W

AC Outlets Switched (3) (U.S.A., Canadian and
 General Models)
 U.S.A. and General models 200W max.
 Canadian model
 AX-550 80W max.

Dimensions (W x H x D)
 435 x 150 x 388.5 mm
 (17-1/8" x 5-7/8" x 15-5/16")

Weight

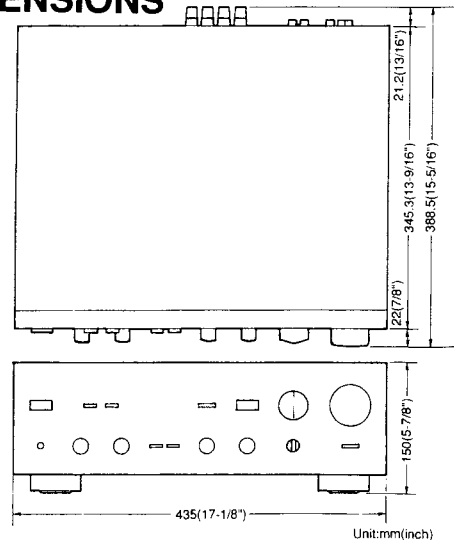
AX-550 11 kg
 (24 lbs. 3 oz.)

Accessories Remote control transmitter
 Batteries

* Specifications subject to change without notice.

U U.S.A. model
 C Canadian model
 A Australian model
 H North European model
 B British model
 R General model
 W German model

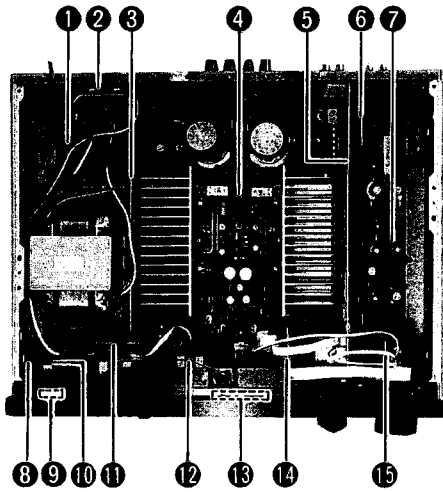
■ DIMENSIONS



Unit:mm(inch)

AX-550

■ INTERNAL VIEW



- ① Main circuit board (2)
- ② Main circuit board (6) : General model only
- ③ Main circuit board (10)
- ④ Main circuit board (1)
- ⑤ Function circuit board (2)
- ⑥ Function circuit board (3)
- ⑦ Function circuit board (1)
- ⑧ Main circuit board (9)
- ⑨ Function circuit board (6) : Power indicator
- ⑩ Main circuit board (5) : Bottom side
- ⑪ Main circuit board (8)
- ⑫ Function circuit board (4)
- ⑬ Function circuit board (5)
- ⑭ Main circuit board (4)
- ⑮ Main circuit board (3)

■ DISASSEMBLY PROCEDURES

(Remove parts in disassembly order as numbered)

1. Removal of Top Cover

Remove 7 screws (①,②,③) in Fig. 1, and slide the Top Cover back.

2. Removal of Front Panel

Remove 6 screws (④,⑤) in Fig. 1, and pull the Front Panel forward.

3. Removal of Bottom Cover

- a. Remove 9 screws (⑥) in Fig. 1.
- b. Remove 8 screws (⑦) in Fig. 1.

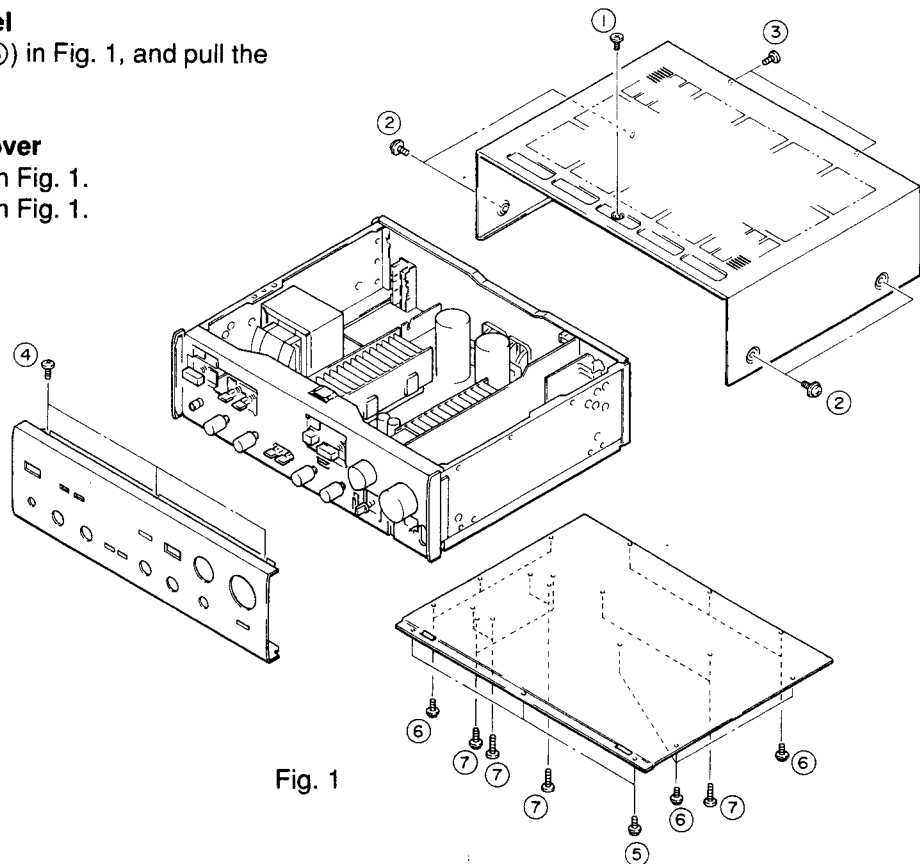


Fig. 1

ADJUSTMENTS

1. Before Adjustment

- Make sure that AC line voltage is within:

2. Instruments required

- ACVM or dual channel ACVM
- DCVM

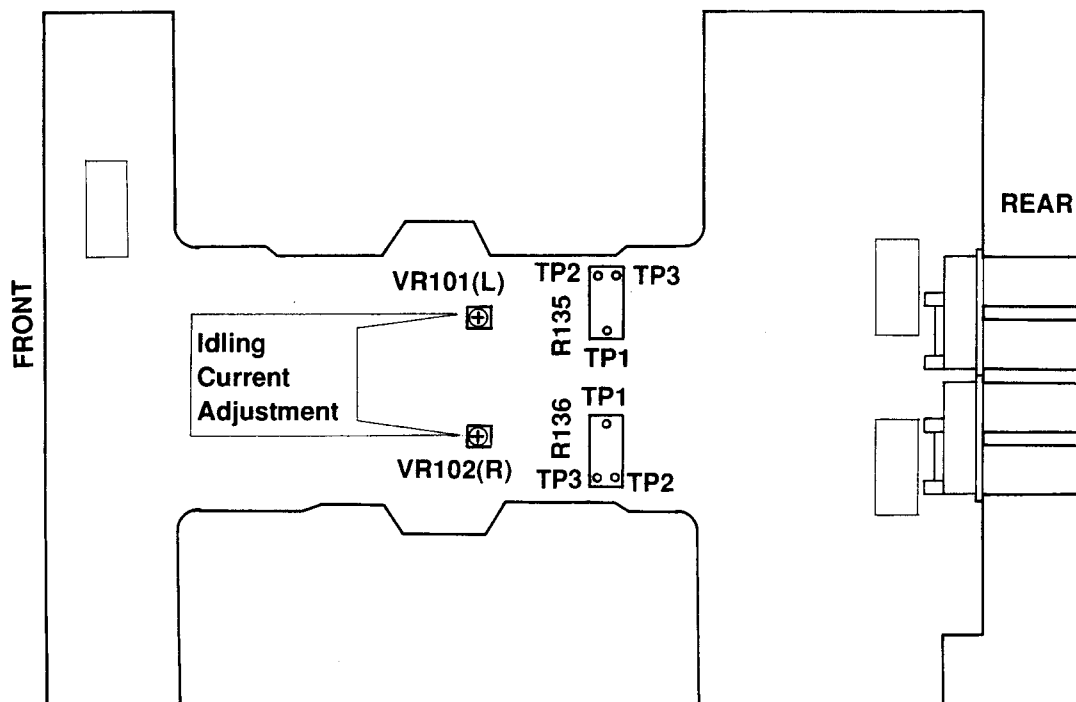
Model	AC line voltage
U, C	120 V ± 10%
W, H	230 V ± 10%
A, B	240 V ± 10%

● IDLING CURRENT ADJUSTMENT

- When replacing the power and drive transistors, adjust idling current.
- After the power has been turned on, age about 10 minutes in non loaded condition.
- Adjust VR101 (Lch) and VR102 (Rch) so that the voltage across the terminals of R135 and R136 comes to 10mV±4mV DC.

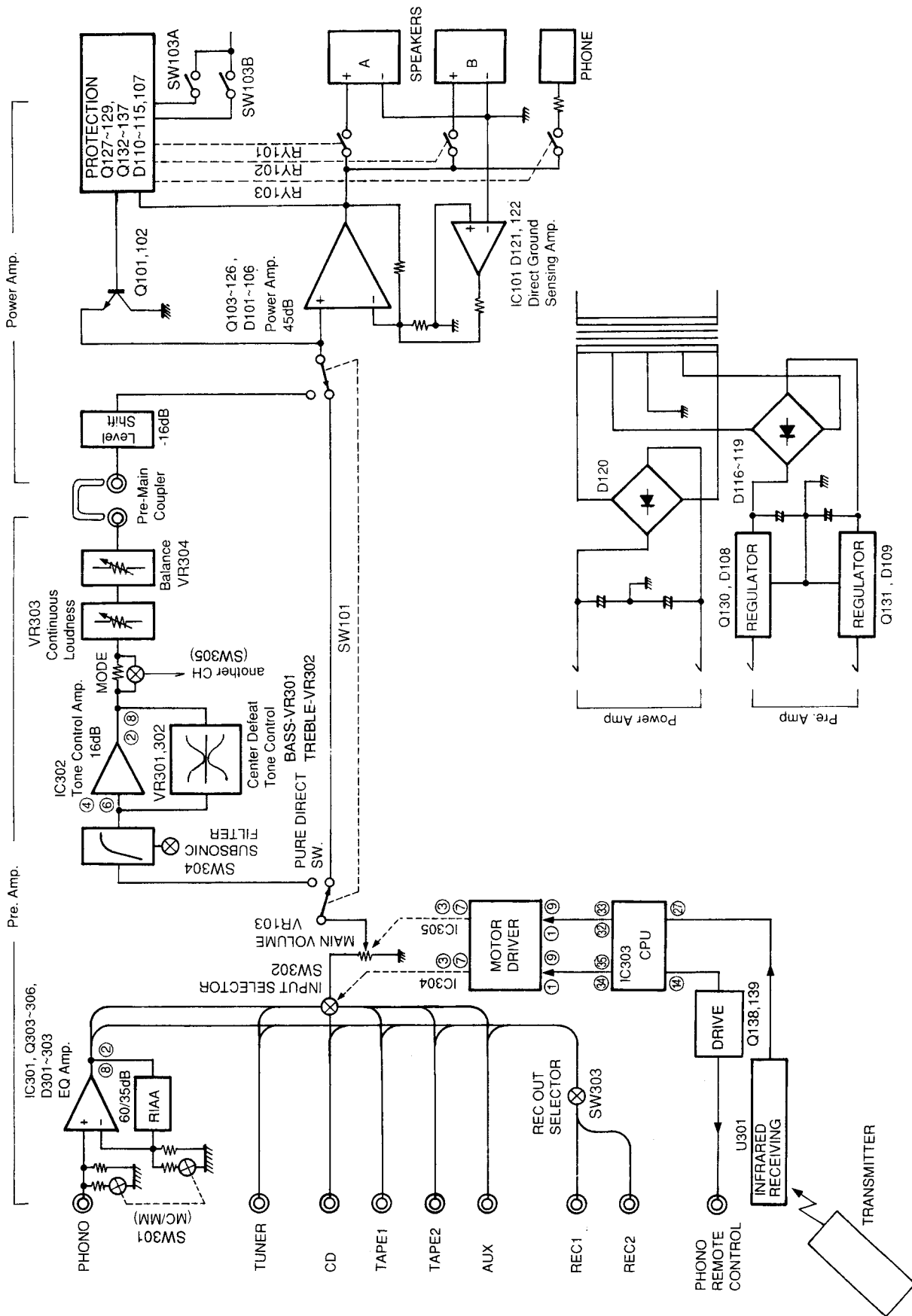
	Test Points	Adjustment Points	Rating
Lch	Across the terminals of R135 (TP1 ↔ TP2 or TP1 ↔ TP3)	VR101	10 mV ± 4 mV DC
Rch	Across the terminals of R136 (TP1 ↔ TP2 or TP1 ↔ TP3)	VR102	10 mV ± 4 mV DC

● TEST POINT

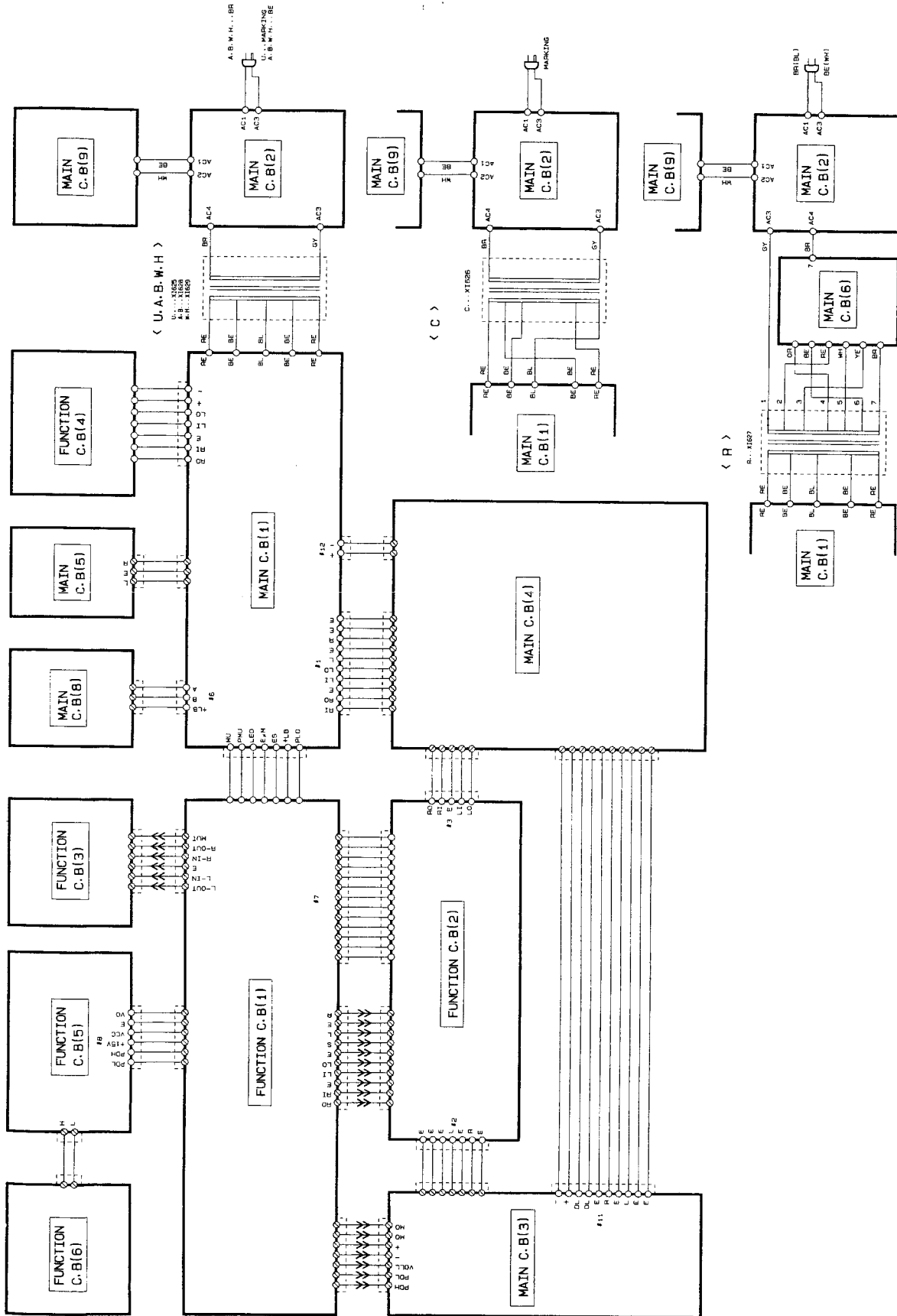


AX-550

■ BLOCK DIAGRAM



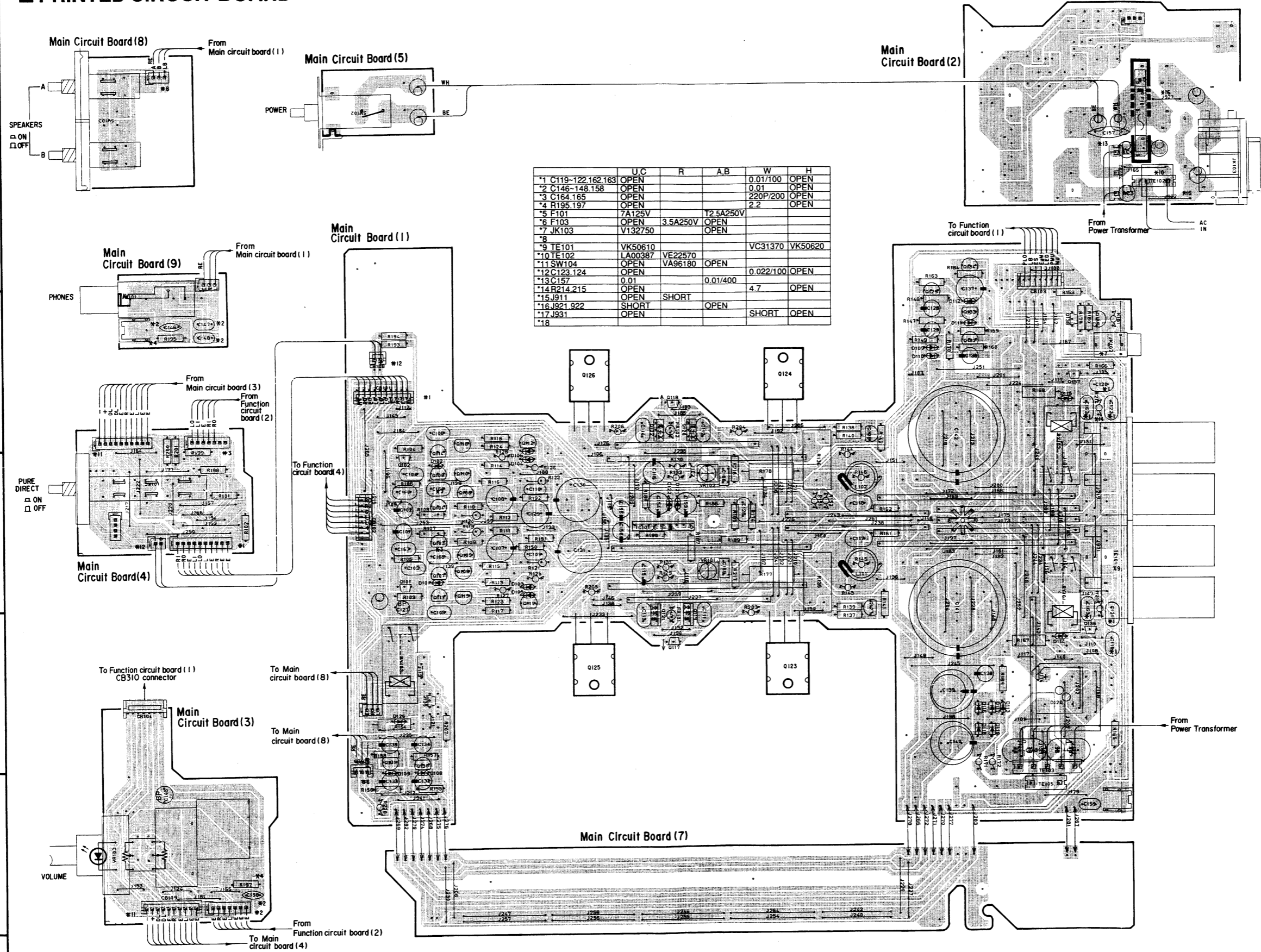
WIRING



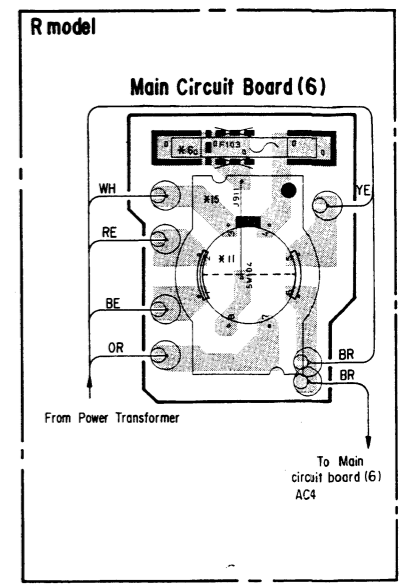
AX-550
PRINTED CIRCUIT BOARD

AX-550

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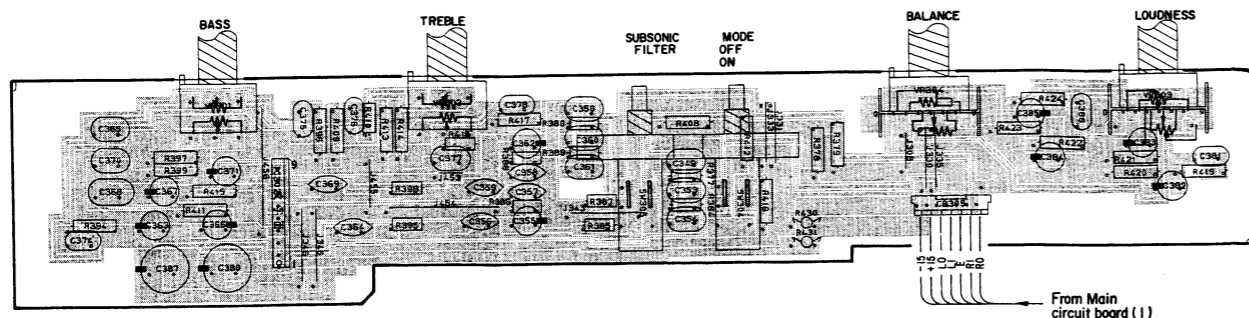


	U.C	R	A.B	W	H
*1	C119-122,162,163	OPEN		0.01/100	OPEN
*2	C146-148,158	OPEN		0.01	OPEN
*3	C164,165	OPEN		220P/200	OPEN
*4	R195,197	OPEN		2.2	OPEN
*5	F101	7A125V		T2,5A250V	
*6	F103	OPEN	3,5A250V		
*7	JK103	V132750		OPEN	
*8					
*9	TE101	VK50610		VC31370	VK50620
*10	TE102	LA00387	VE22570		
*11	SW104	OPEN	VA96180	OPEN	
*12	C123,124	OPEN		0.022/100	OPEN
*13	C157	0.01		0.01/400	
*14	R214,215	OPEN		4.7	OPEN
*15	J911	OPEN	SHORT		
*16	J921,922	SHORT	OPEN		
*17	J931	OPEN		SHORT	OPEN
*18					

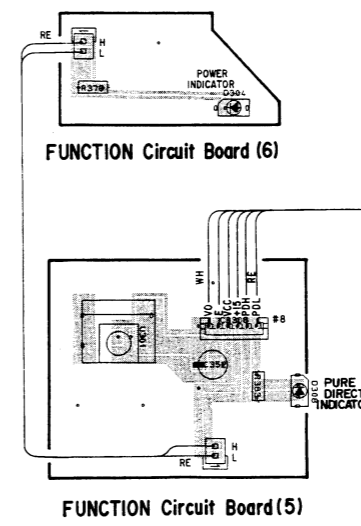
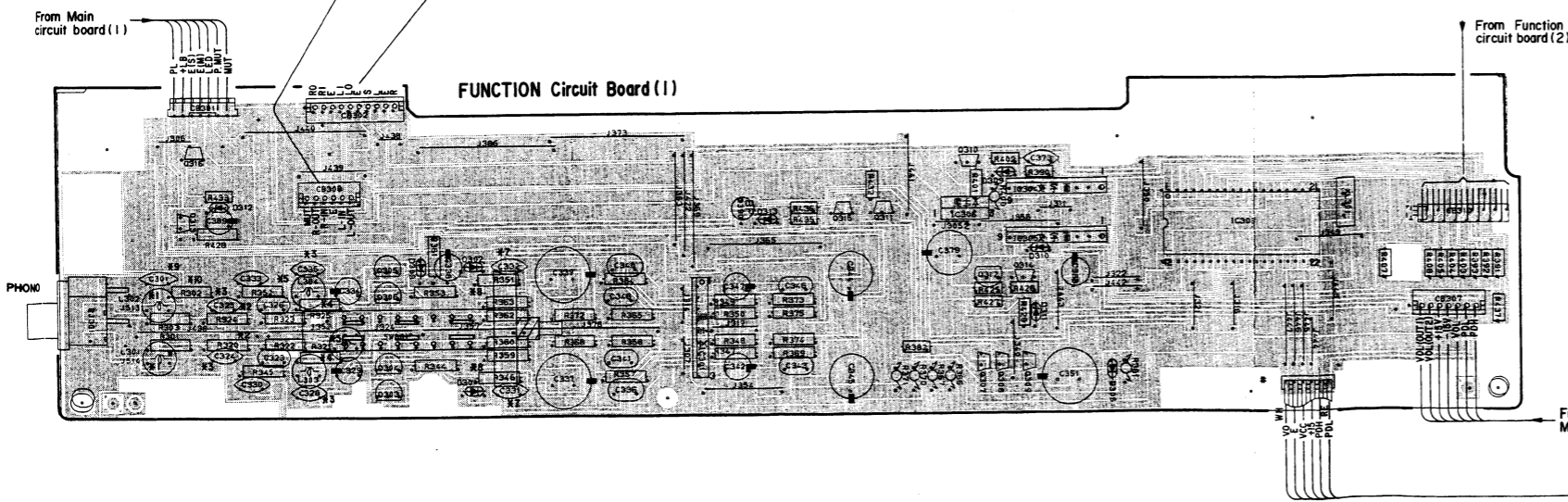
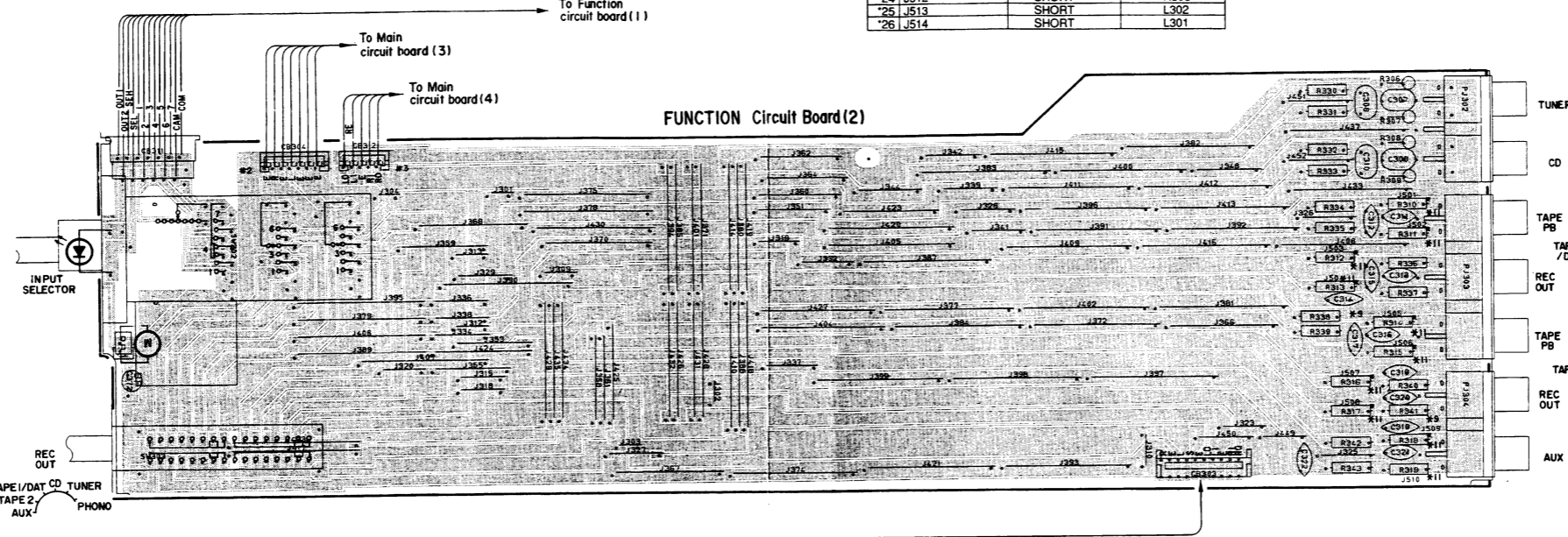
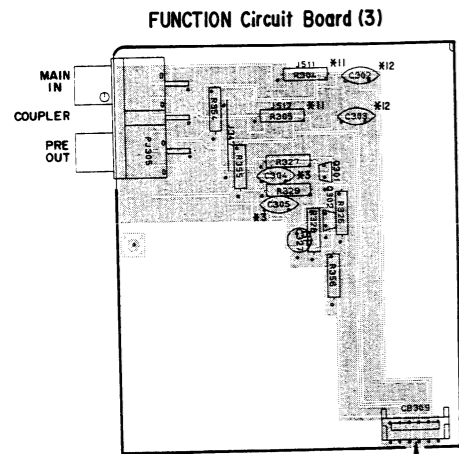


AX-550

AX-550

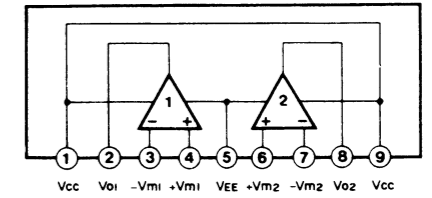


	U.C.R.A.B.H	W	
*1	L301.302	SHORT	15μH
*2	R320.324	10	33
*3	C304.305.324.325.328.335	OPEN	100p
*4	R321.325	33	2.2k
*5	L303.304	OPEN	220μH
*6			
*7	C331.332	1500P	2700p
*8	R346.351	100	180
*9	C301.314.319	OPEN	0.1/25
*10	R302	OPEN	4.7
*11	R304.305.310-319	SHORT	220
*12	C302.303	OPEN	220P
*13	J501	SHORT	R310
*14	J502	SHORT	R311
*15	J503	SHORT	R312
*16	J504	SHORT	R313
*17	J505	SHORT	R314
*18	J506	SHORT	R315
*19	J507	SHORT	R316
*20	J508	SHORT	R317
*21	J509	SHORT	R318
*22	J510	SHORT	R319
*23	J511	SHORT	R304
*24	J512	SHORT	R305
*25	J513	SHORT	L302
*26	J514	SHORT	L301

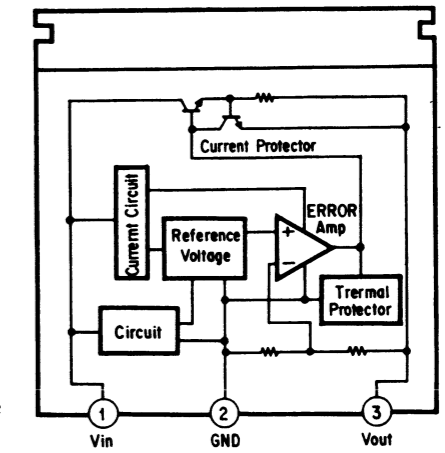


IC BLOCK

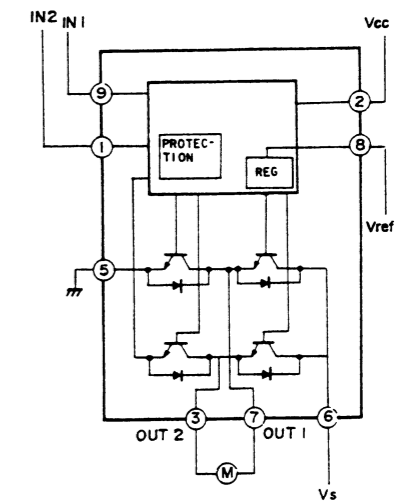
IC101: NJM4558S
 IC301: NJM2068S
 IC302: μPC4570HA
 (Dual Ope-amp)



IC306: NJM78M12FA, AN78M12F
 (Regulator)



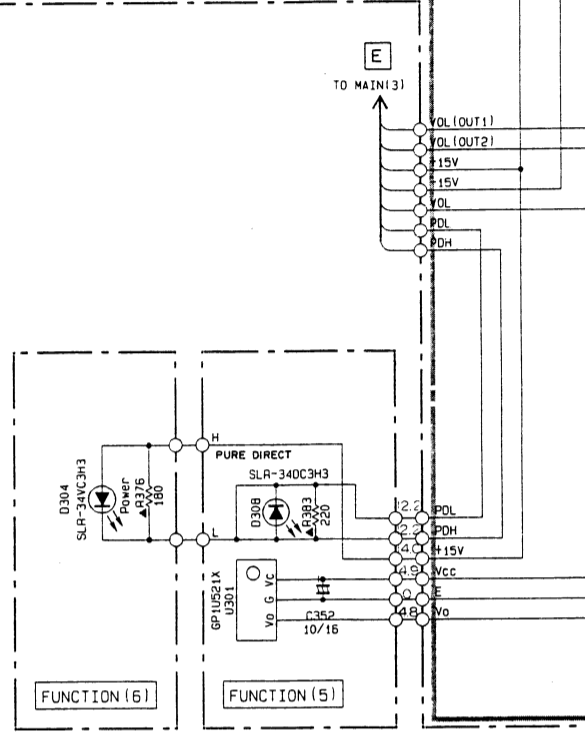
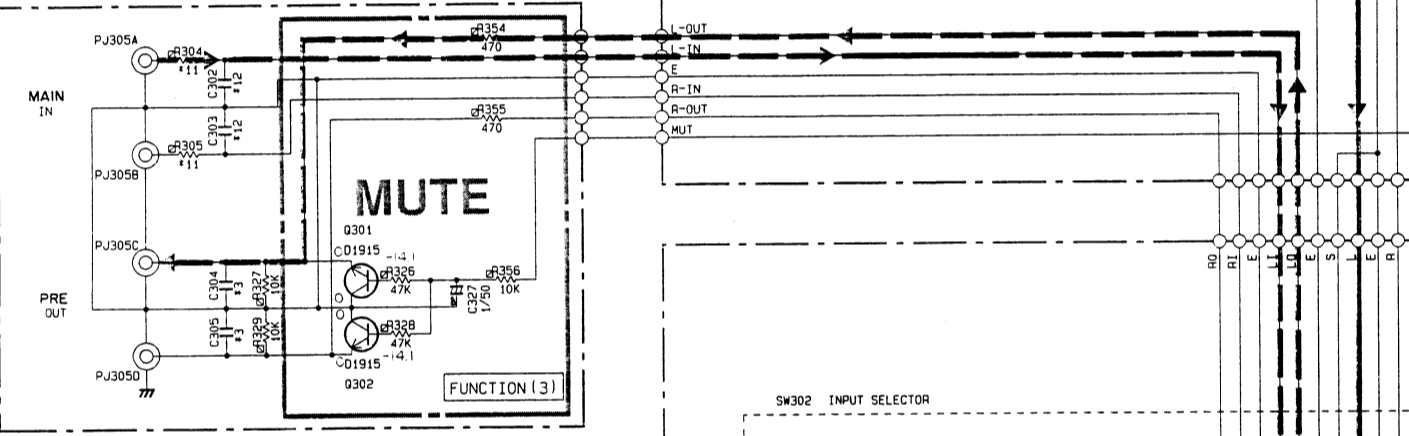
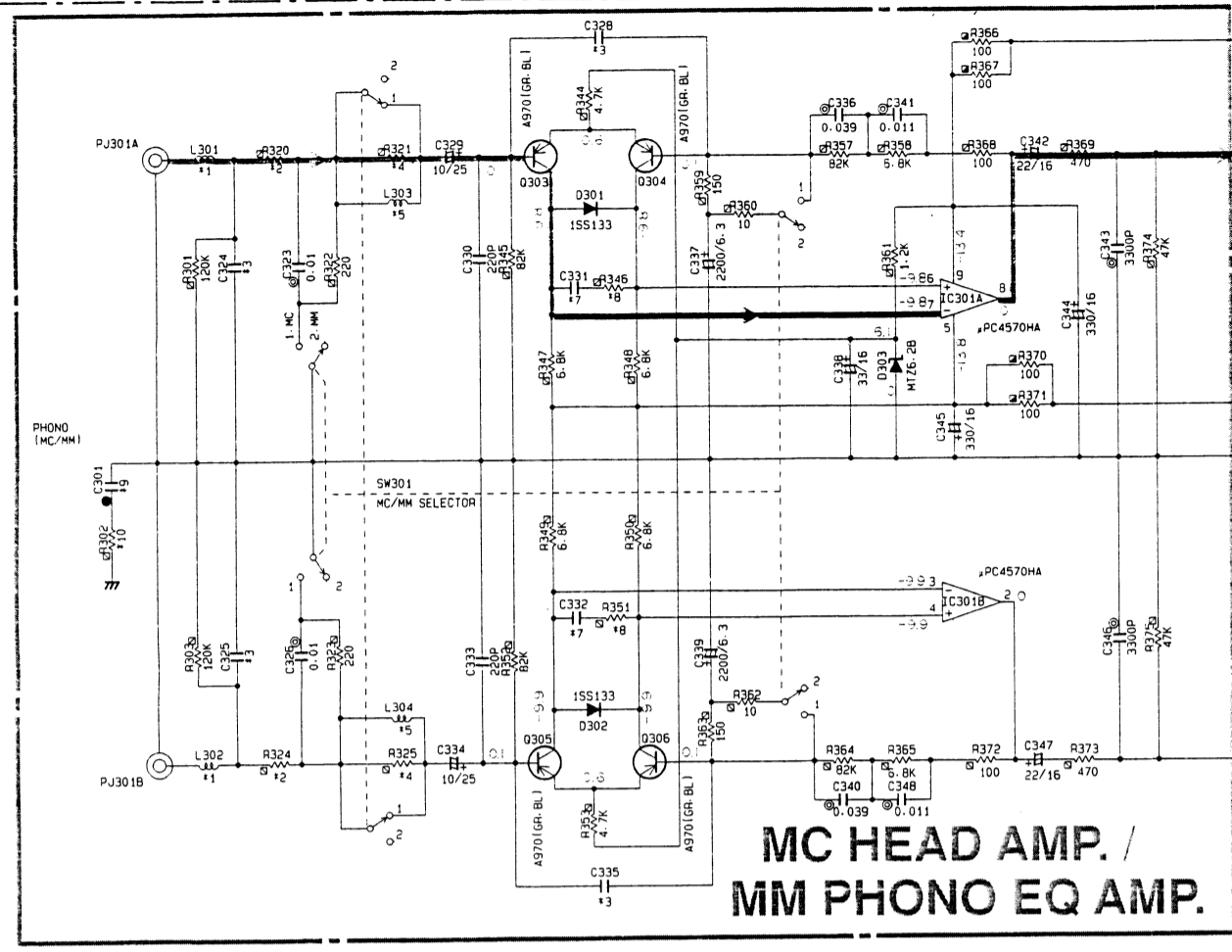
IC304.305: TA7291S
 (Full Bridge Motor Driver)



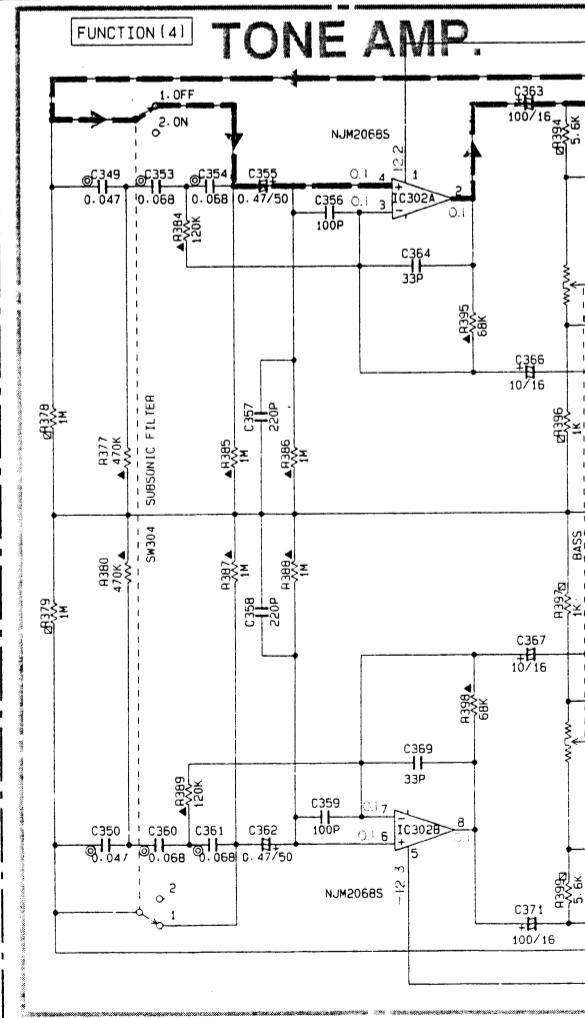
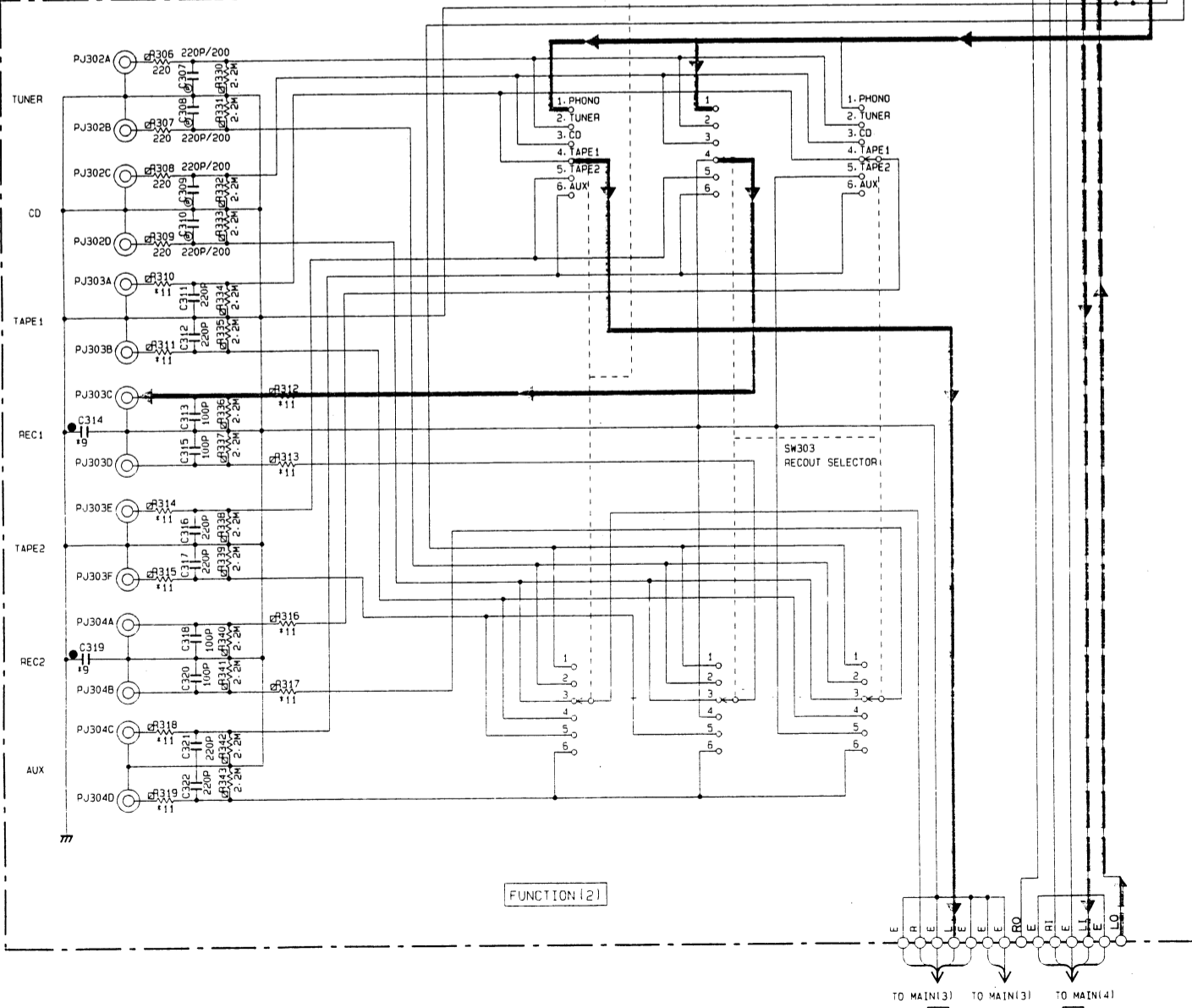
AX-550
SCHEMATIC DIAGRAM

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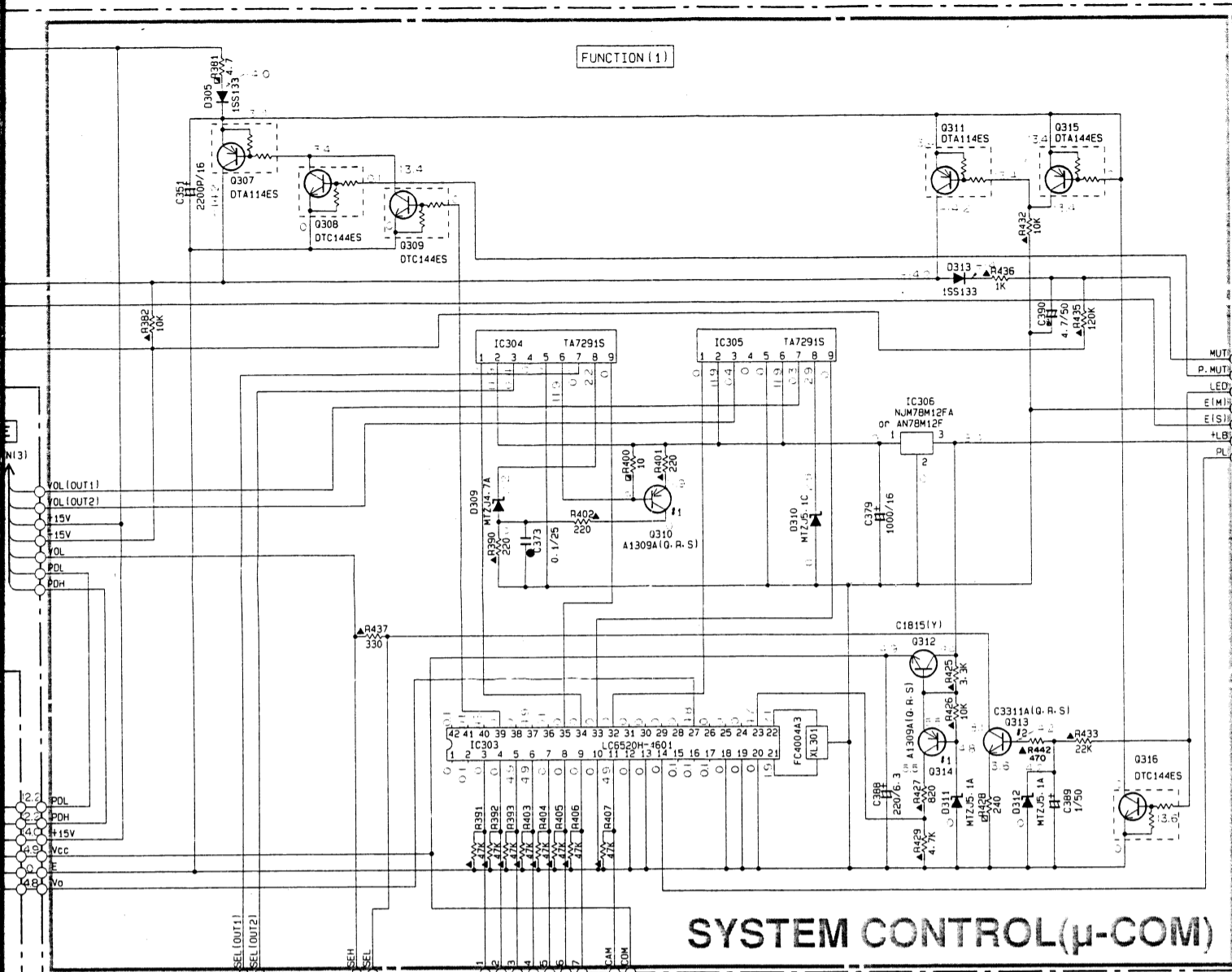
A B C D E F



INPUT SELECTOR.....CD
 REC OUT SELECTOR.....CD
 PURE DIRECT.....OFF
 SPEAKER SW A.....ON
 SPEAKER SW B.....ON



TO MAIN13) TO MAIN13) TO MAIN14)

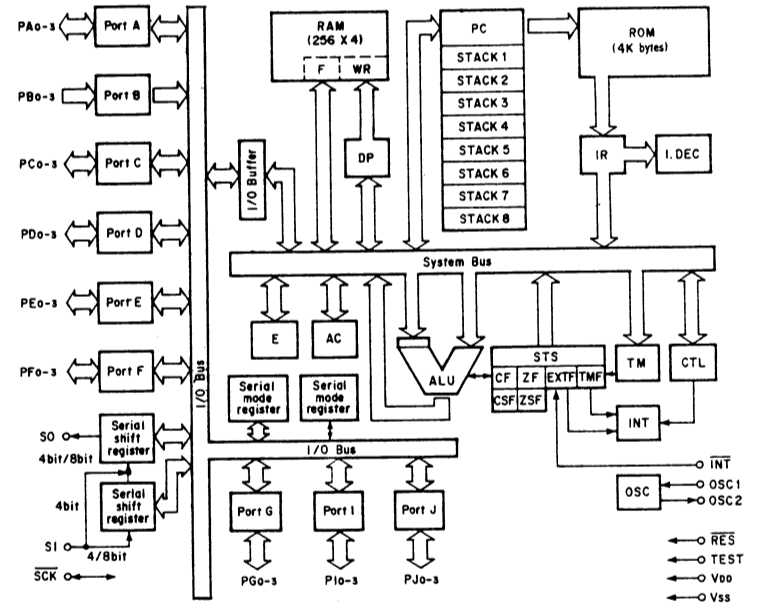
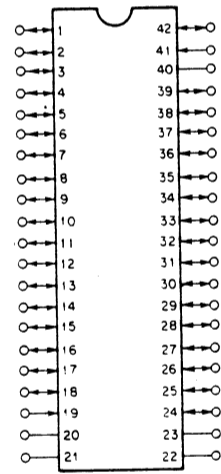


Mark	Reference Parts Number	Parts Name
*1	L301-302	SHORT
*2	R320-324	10
*3	C304-305-324-325-328-335	OPEN
*4	R321-325	33
*5	L303-304	OPEN
*7	C331-332	1500P
*8	R346-351	100
*9	C301-314-319	OPEN
*10	R302	OPEN
*11	R304-305-310-319	SHORT
*12	C302-303	OPEN

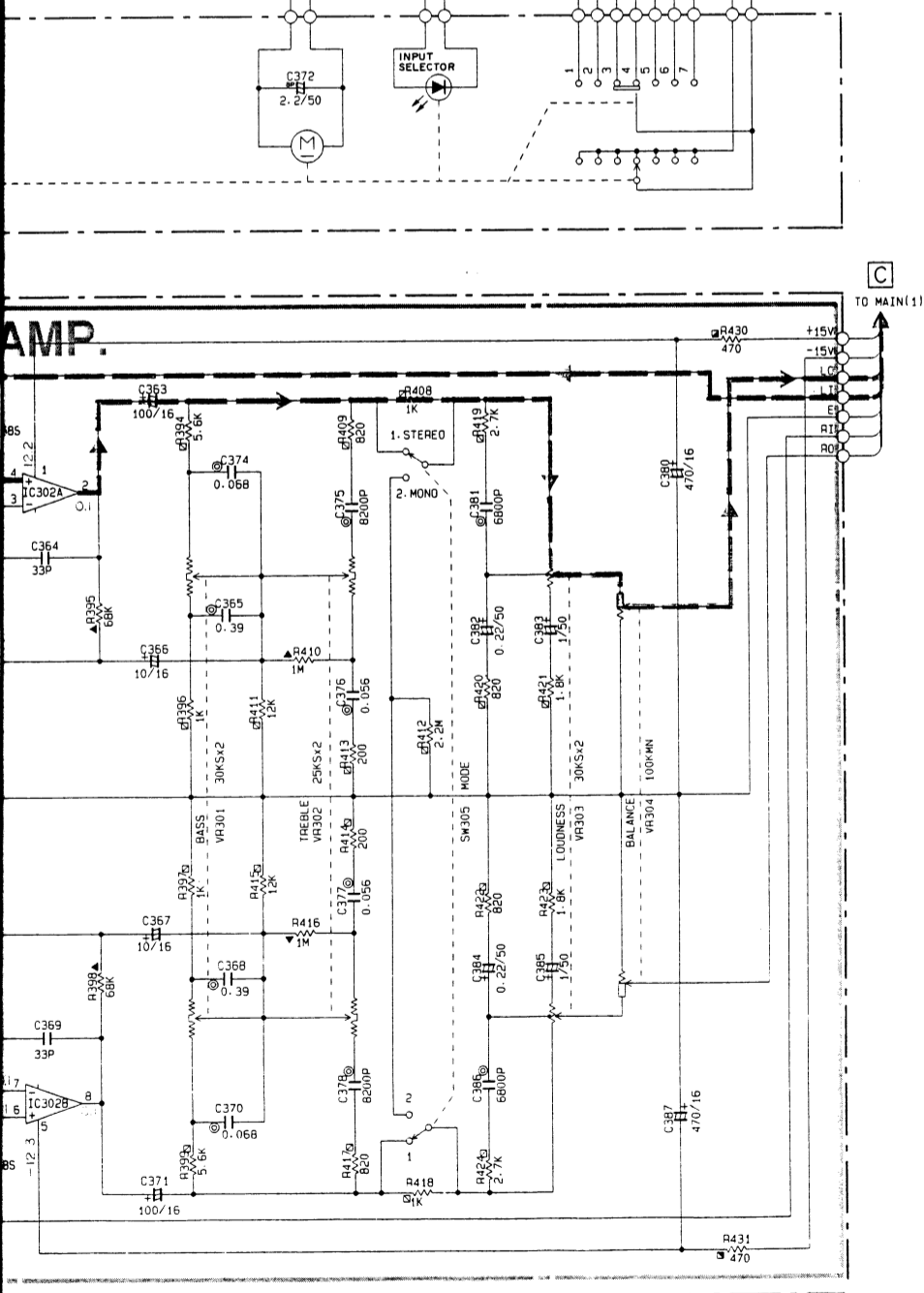
Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
#1	Q310-314	2SA933S(G-R) 2SA1115(E-F) 2SA1309A(IQ-R-S)
#2	Q313	2SC1740S(IQ-R-S) 2SC2603(E-F) 2SC3311A(IQ-R-S)

μ-COM DATA (IC303: LC6520H)



PIN No.	PIN NAME	I/O	FUNCTION	PIN No.	PIN NAME	I/O	FUNCTION
1	PA2	I/O	Not used	22	OSC2	—	
2	PA3	I/O	Not used (H)	23	RESET	I	Reset input
3	PB0	—	S1 : Selector position data	24	PF0	I/O	Not used
4	PB1	—	S2	25	PF1	I/O	Not used
5	PB2	—	S3	26	PF2	I/O	Not used
6	PB3	—	S4	27	PF3	I/O	Remote control Data input
7	PC0	I/O	S5	28	PG0	I/O	Not used
8	PC1	I/O	S6	29	PG1	I/O	Not used (GND)
9	PC2	I/O	S7	30	PG2	I/O	Not used
10	PC3	I/O	S8	31	PG3	I/O	Not used
11	PD0	I/O	CAM : Cam position data	32	PI0	I/O	Volume control signal 2
12	PD1	I/O	Not used (L : 6ch set)	33	PI1	I/O	Volume control signal 1
13	PD2	I/O	Not used (GND)	34	PI2	I/O	Selector control signal 2
14	PD3	I/O	PLAY/CUT(Player control)	35	PI3	I/O	Selector control signal 1
15	PE0	I/O	Not used	36	PJ0	I/O	Not used (GND)
16	PE1	I/O	Not used	37	PJ1	I/O	Audio muting LED control
17	PE2	I/O	Not used	38	PJ2	I/O	Audio muting control signal
18	PE3	I/O	Not used (GND)	39	PJ3	I/O	Muting control signal
19	TEST	—	GND	40	VDD	—	+5V
20	VSS	—	GND	41	PA0	I/O	Not used
21	OSC1	—		42	PA1	I/O	Not used



CAPACITOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
⊗	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
⊙	AXIAL LEAD CERAMIC CAPACITOR
⊕	POLYESTER FILM CAPACITOR
○	POLYSTYRENE FILM CAPACITOR
Ⓜ	MICA CAPACITOR
Ⓟ	POLYPROPYLENE FILM CAPACITOR
⊛	SEMICONDUCTIVE CERAMIC CAPACITOR

NOTICE

(J)..... Japanese model
 (U)..... U.S.A model
 (C)..... Canadian model
 (A)..... Australian model
 (G)..... European model
 (B)..... British model
 (R)..... General model
 (P)..... RP model
 (W)..... German model
 (H)..... North European model

RESISTOR

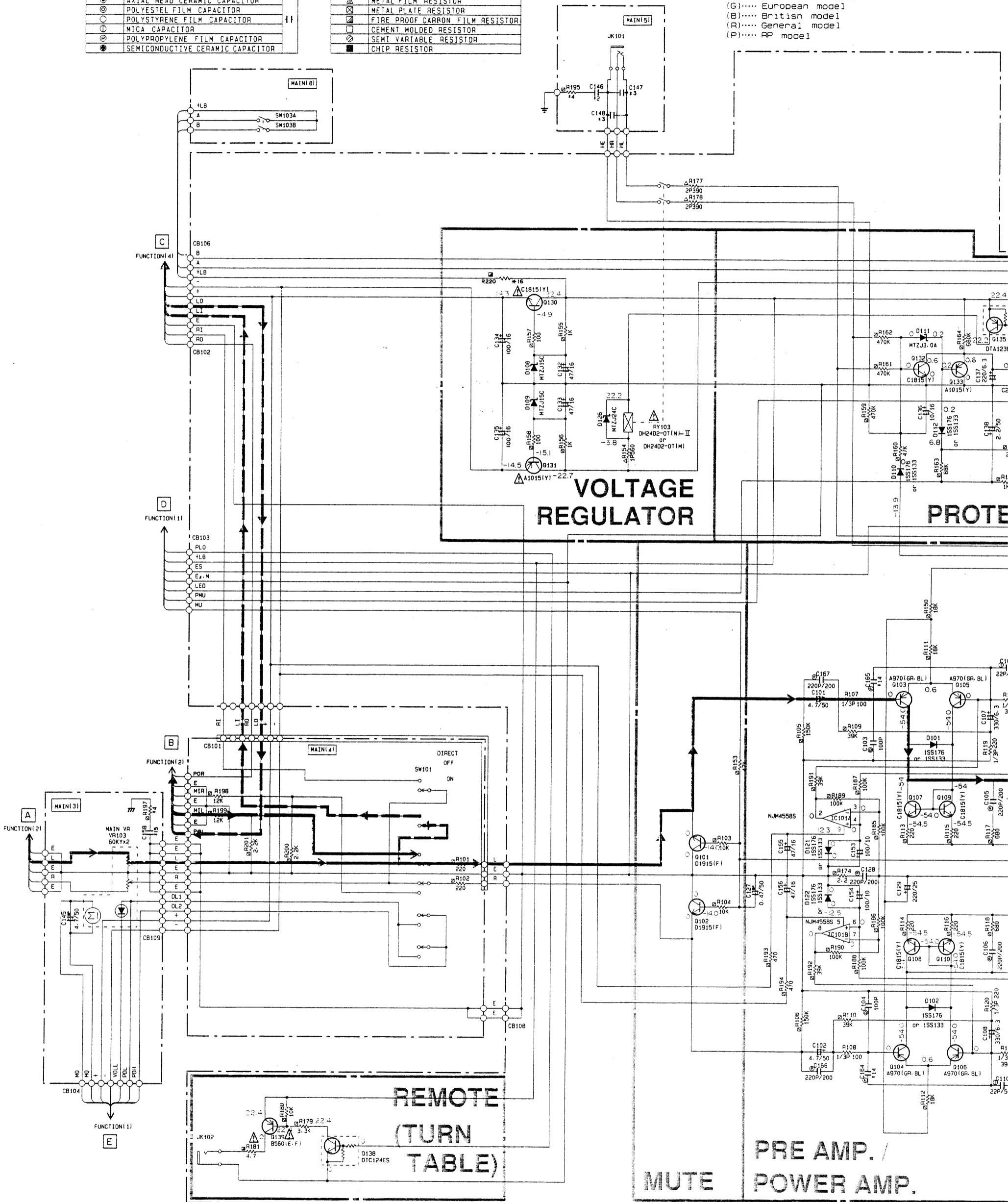
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (1/6W)
⊠	CARBON FILM RESISTOR (1/4W)
△	METAL OXIDE FILM RESISTOR
⊡	METAL FILM RESISTOR
⊞	METAL PLATE RESISTOR
⊞	FIRE PROOF CARBON FILM RESISTOR
⊞	CEMENT MOLDED RESISTOR
⊞	SEMI VARIABLE RESISTOR
⊞	CHIP RESISTOR

CAPACITOR		
REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	⌘
⊗	TANTALUM CAPACITOR	⌘
NO MARK	CERAMIC CAPACITOR	
⊙	AXIAL LEAD CERAMIC CAPACITOR	⊙
⊖	POLYESTER FILM CAPACITOR	⊖
○	POLYSTYRENE FILM CAPACITOR	○
⊖	MICA CAPACITOR	⊖
⊖	POLYPROPYLENE FILM CAPACITOR	⊖
⊖	SEMICONDUCTIVE CERAMIC CAPACITOR	⊖

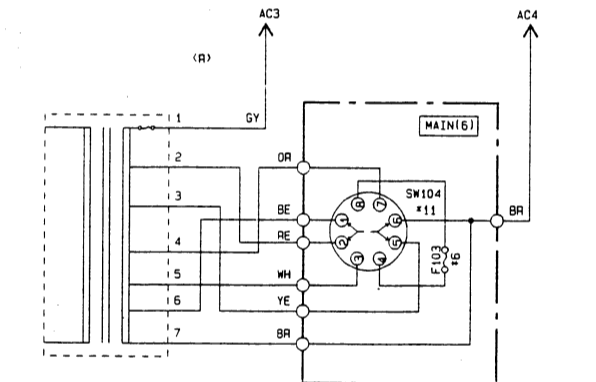
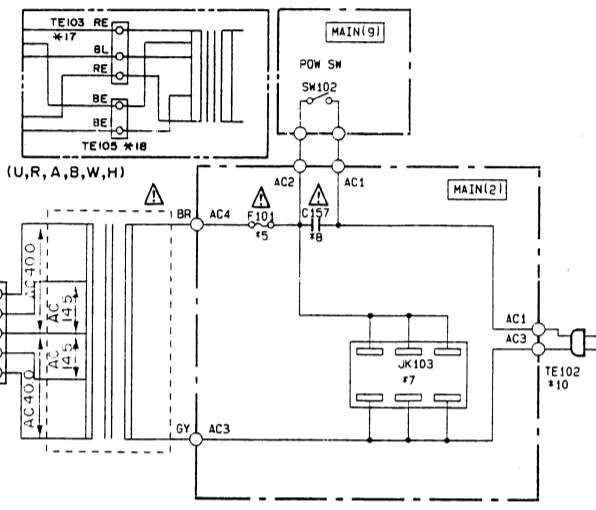
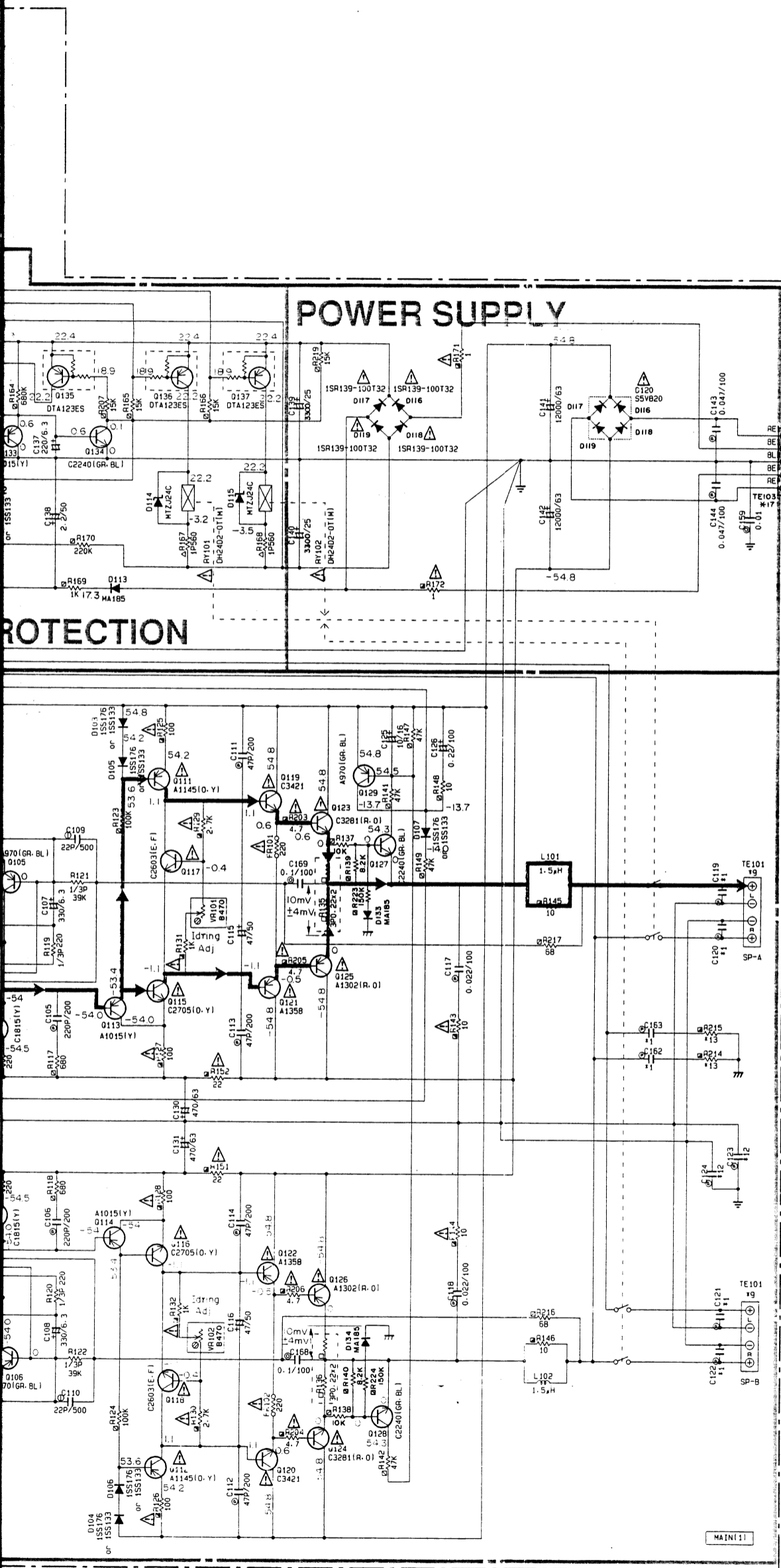
RESISTOR		
REMARKS	PARTS NAME	
NO MARK	CARBON FILM RESISTOR (1/6W)	⊠
⊠	CARBON FILM RESISTOR (1/4W)	⊠
⊠	METAL OXIDE FILM RESISTOR	⊠
⊠	METAL FILM RESISTOR	⊠
⊠	METAL PLATE RESISTOR	⊠
⊠	FIRE PROOF CARBON FILM RESISTOR	⊠
⊠	CEMENT MOLDED RESISTOR	⊠
⊠	SEMI VARIABLE RESISTOR	⊠
⊠	CHIP RESISTOR	⊠

NOTICE

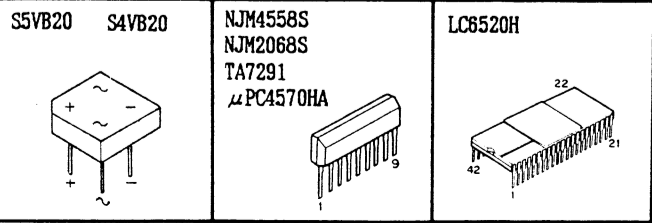
(J)..... Japanese model (W)..... German model
 (U)..... U.S.A model (H)..... North European model
 (C)..... Canadian model
 (A)..... Australian model
 (G)..... European model
 (B)..... British model
 (R)..... General model
 (P)..... AP model



2SC2603 2SD1915 2SA3311 2SC1740S DTA123ES	2SA1309 2SA933S 2SA1115 DTC124ES DTA114 DTA144 DTC144	2SA970 2SA1015 2SA1145	2SC1815 2SC2240 2SC2705 2SB560	All Diodes 	NJM78M12FA 	2SA1490 2SC3854 	2SA1302 2SC3281 	2SA1358 2SC3421 	S5VB
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#	U	C	R	A-B	W	H
1	C119-122 162-163	OPEN			0.01/100	OPEN
2	C146	OPEN			0.01	OPEN
3	C147, 148				0.01	OPEN
4	R195-197	OPEN			2.2	OPEN
5	F101	7A125V		T2-5A250V		
6	F103	OPEN	3-5A250V	OPEN		
7	JK103	VI32750		OPEN		
8	C157	0.01		0.01/400		
9	TE101	VK50610			VC31370	VK50620
10	TE102	LA00387		VE22570		
11	SW104	OPEN	VA96180	OPEN		
12	C123-124	OPEN		0.022/100	OPEN	
13	R214-215	OPEN		4.7	OPEN	
14	C154-165	OPEN		100P/200	OPEN	
15	C158	OPEN		220P	OPEN	
16	R220	16	SHORT			
17	TE103	LA00204	LA00215	LA00204		
18	TE105	OPEN	LA00214	OPEN		




PARTS LIST

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■ ELECTRICAL PARTS

■ WARNING

- Components having special characteristics are marked  and must be replaced with parts having specifications equal to those originally installed.
- Carbon resistors 1/6 W are not included in the ELECTRICAL PARTS list. For the parts No. of the carbon resistor, refer to the last Page.

Ref. NO.	PART NO.	Description	部 品 名	Remarks	Markets	ランク
	VK538200	MAIN CIRCUIT BOARD	メインシート		U	
	VK538300	MAIN CIRCUIT BOARD	メインシート		C	
	VK538400	MAIN CIRCUIT BOARD	メインシート		R	
	VK538500	MAIN CIRCUIT BOARD	メインシート		AB	
	VK538600	MAIN CIRCUIT BOARD	メインシート		W	
	VK865700	MAIN CIRCUIT BOARD	メインシート		H	
	FA154100	MYLAR FILM CAP	0.01uF 50V マイラーコン	C150		
	V1862200	POLYETHYLENE FILM CAP	0.1uF 100V ポリエチレンコン	C168, 169		
	VK512500	MYLAR FILM CAP	100pF 50V マイラーコン	C103, 104		
	FA154100	MYLAR FILM CAP	0.01uF 50V マイラーコン	C147, 148	W	
	VK533800	POLYPROPYLENE FILM CAP	47pF 200V PPコン	C111-114		
	VK534000	POLYPROPYLENE FILM CAP	220pF 200V PPコン	C105, 106, 128, 166, 167		
	VK533900	POLYPROPYLENE FILM CAP	100pF 200V PPコン	C164, 165	W	
	VK534100	POLYPROPYLENE FILM CAP	0.01uF 100V PPコン	C119-122, 162, 163	W	
	VK534200	POLYPROPYLENE FILM CAP	0.022uF 100V PPコン	C117, 118		
	VK534200	POLYPROPYLENE FILM CAP	0.022uF 100V PPコン	C123, 124	W	
	VK534400	POLYPROPYLENE FILM CAP	0.047uF 100V PPコン	C143, 144		
	F1554100	CERAMIC CAP	0.01uF 50V スパークキラーコン	C146	W	
	FG212220	CERAMIC CAP	220pF 50V セラコン	C158	W	
	F1514100	CERAMIC CAP	0.01uF VA-1 スパークキラーコン	C157	UCR	
	VA985300	CERAMIC CAP	0.01uF 400V 規格認定コン	C157	ABWH	
	UJ665220	ELECTROLYTIC CAP	0.22uF 100V ケミコン	C126		
	VG287200	ELECTROLYTIC CAP	10uF 16V ケミコン	C125, 136		
	VG287500	ELECTROLYTIC CAP	47uF 16V ケミコン	C132, 133, 155, 156		
	VG287600	ELECTROLYTIC CAP	100uF 16V ケミコン	C134, 135		
	VG290600	ELECTROLYTIC CAP	2.2uF 50V ケミコン	C138		
	VE709000	ELECTROLYTIC CAP	3300uF 25V ケミコン	C139, 140		
	VE017200	ELECTROLYTIC CAP	100uF 10V ケミコン	C153, 154		
	VE020100	ELECTROLYTIC CAP	4.7uF 50V ケミコン	C101, 102		
	VE020500	ELECTROLYTIC CAP	47uF 50V ケミコン	C115, 116		
	VE018800	ELECTROLYTIC CAP	220uF 25V ケミコン	C129		
	VK480500	ELECTROLYTIC CAP	470uF 63V ケミコン	C130, 131		
	VE016600	ELECTROLYTIC CAP	220uF 6.3V ケミコン	C137		
	V1531500	ELECTROLYTIC CAP	330uF 6.3V ケミコン	C107, 108		
	VK574600	ELECTROLYTIC CAP	12000uF 63V ケミコン	C141, 142		
	UK165470	ELECTROLYTIC CAP	0.47uF 50V BPケミコン	C127		
	UK166470	ELECTROLYTIC CAP	4.7uF 50V BPケミコン	C145		
	FU351220	MICA CAP	22pF 500V マイカコン	C109, 110		
	VC793700	COIL	1.5uH 空芯コイル	L101, 102		
	HV453100	FLAME PROOF CARBON RESISTOR	1Ω 1/4W 不燃化カーボン抵抗	R171, 172		
	HV453470	FLAME PROOF CARBON RESISTOR	4.7Ω 1/4W 不燃化カーボン抵抗	R181, 203-206		
	HV453470	FLAME PROOF CARBON RESISTOR	4.7Ω 1/4W 不燃化カーボン抵抗	R214, 215	W	
	HV454100	FLAME PROOF CARBON RESISTOR	10Ω 1/4W 不燃化カーボン抵抗	R143-146		
	HV454100	FLAME PROOF CARBON RESISTOR	10Ω 1/4W 不燃化カーボン抵抗	R220	U	
	HV454220	FLAME PROOF CARBON RESISTOR	22Ω 1/4W 不燃化カーボン抵抗	R151, 152		
	HV455100	FLAME PROOF CARBON RESISTOR	100Ω 1/4W 不燃化カーボン抵抗	R125-128		
	HV456100	FLAME PROOF CARBON RESISTOR	1KΩ 1/4W 不燃化カーボン抵抗	R131, 132		
	HV456270	FLAME PROOF CARBON RESISTOR	2.7KΩ 1/4W 不燃化カーボン抵抗	R129, 130		
	HL315560	METAL OXIDE RESISTOR	560Ω 1W 酸化金属被膜抵抗	R154, 167, 168		
	HL325390	METAL OXIDE RESISTOR	390Ω 2W 酸化金属被膜抵抗	R177, 178		

* : New Parts (新規部品)

ランク : Japan city

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Ref. NO.	PART NO.	Description	部品名	Remarks	Markets	ランク
	VJ695400	WIRE WOUND RESISTOR	0.22Ωx2 3W	セメント抵抗	R135,136	
	VK188200	FUSABLE RESISTOR	220Ω 1/4W	ヒューズ抵抗	FR101,102	
	IG076800	IC	NJM4558S	IC	IC101	
	VA961800	VOLTAGE SELECTOR	FSE-37247-F	電圧切替器	SW104	R
	VD948800	PUSH SWITCH	TV-5	プッシュSW	SW102 POWER	
	VK475500	PUSH SWITCH	SPUN21	プッシュSW	SW103 SPEAKERS	
	VK475400	PUSH SWITCH	SPUL12	プッシュSW	SW101 DIRECT	
	KR001520	FUSE	7A 125V	ヒューズ	F101	UCR
	KB002980	FUSE	T2.5A 250V	ヒューズ	F101	ABWH
	KB000370	FUSE	T3.5A 250V	ヒューズ	F103	R
	KC001940	RELAY	DH24D2-OT(H)	リレー	RY101,102	
	VK438300	RELAY	DH24D2-OT(H)-II	リレー	RY103	
	VK506100	SPEAKER TERMINAL	8P	スピーカターミナル	TE101	UCRAB
	VK506200	SPEAKER TERMINAL	8P	スピーカターミナル	TE101	H
	VC313700	SPEAKER TERMINAL	8P	スピーカターミナル	TE101	W
	LB301720	PHONES JACK	M1669-A	ホーンジャック	JK101	
	VJ726800	MINITURE JACK, MONUARAL		モノラル ミニジャック	JK102	
	V1327500	AC OUTLET		ACアウトレット	JK103	UCR
	LA002140	WRAPPING TERMINAL	2P I-TYPE P=10	ラッピング端子	TE105	C
	LA002040	WRAPPING TERMINAL	5P I-TYPE P=5	ラッピング端子	TE103	URABWH
	LA002150	WRAPPING TERMINAL	3P I-TYPE P=10	ラッピング端子	TE103	C
	LA002320	WRAPPING TERMINAL	3P I-TYPE P=7.5	ラッピング端子	TE104	
	LA003870	WRAPPING TERMINAL	2P WTH P=10	ラッピング端子	TE102	UC
	VE225700	BASE PIN	2P P=7.5	ベースポスト	TE102	RABWH
	VK217000	CONNECTOR	FJ 7P	リセブタクル	CB102,103	
	V1378500	SOCKET	HQ 7P	コネクタソケット	CB104	
	VD004600	BASE PIN	PH 3P TE	ベースピン	CB106	
	VD004500	BASE PIN	PH 2P TE	ベースピン	CB108	
	VD005300	BASE PIN	PH 10P TE	ベースピン	CB101,109	
	VJ692800	PRE-SET POTENTIOMETER	B470Ω	半固定VR	VR101,102 IDLING ADJ.	
	VK475700	POTENTIOMETER WITH MOTOR	Y60KΩx2	二連モーターVR	VR103 VOLUME	
	IA097000	TRANSISTOR	2SA970 GR,BL	トランジスタ	Q103-106,129	
	IA101511	TRANSISTOR	2SA1015 Y	トランジスタ	Q113,114,131,133	
	VE198700	TRANSISTOR	2SA1145 O,Y	トランジスタ	Q111,112	
	IB056020	TRANSISTOR	2SB560 E,F	トランジスタ	Q139	
	IC181511	TRANSISTOR	2SC1815 Y	トランジスタ	Q107-110,130,132	
	IC260300	TRANSISTOR	2SC2603 E,F	トランジスタ	Q117,118	
	IC224000	TRANSISTOR	2SC2240 GR,BL	トランジスタ	Q127,128,134	
	VE198800	TRANSISTOR	2SC2705 O,Y	トランジスタ	Q115,116	
	VK432900	TRANSISTOR	2SD1915(F) ST	トランジスタ	Q101,102	
	IX608510	TRANSISTOR	2SA1358	トランジスタ	Q121,122	
	IX608520	TRANSISTOR	2SC3421	トランジスタ	Q119,120	
	VF331200	DIGITAL TRANSISTOR	DTC124ES	デジタルトランジスタ	Q138	
	VF325300	DIGITAL TRANSISTOR	DTA123ES	デジタルトランジスタ	Q135-137	
	IF004600	DIODE	1SS133	ダイオード	D101-107,110,112,121,	
	VH770800	DIODE	1SR139-100 T-32	ダイオード	D122	
	VC398400	DIODE	MA185	ダイオード	D116-119	
	IHW00920	DIODE BRIDGE	S5VB20 3.5A 200V	ダイオードスタック	D113,133,134	
	VG435800	ZENER DIODE	MTZJ3A	ツェナーダイオード	D120	
					D111	

* : New Parts (新規部品)

ランク : Japan only

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Ref. NO.	PART NO.	Description	部品名	Remarks	Markets	ランク
	VG440900	ZENER DIODE	MTZJ15C	ツェナーダイオード	D108,109	
	VG442600	ZENER DIODE	MTZJ24C	ツェナーダイオード	D114,115,126	
	VB966900	PIN	1MSA-G024	スタイルピン		
	LB201880	FUSE HOLDER PIN	PC-FH1	ヒューズホルダピン		
	BB070700	MATAL,GROUND		アース金具		
	BB071360	TERMINAL,SCREW	8.3x13	ネジ端子		
	VK544700	FUNCTION CIRCUIT BOARD		ファンクションシート		UCRABH
*	VK544800	FUNCTION CIRCUIT BOARD		ファンクションシート		W
	FA153820	MYLAR FILM CAP	8200pF 50V	マイラーコン	C375,378	
	FA153330	MYLAR FILM CAP	3300pF 50V	マイラーコン	C343,346	
	FA153680	MYLAR FILM CAP	6800pF 50V	マイラーコン	C381,386	
	FA154100	MYLAR FILM CAP	0.01uF 50V	マイラーコン	C323,326	
	FA154110	MYLAR FILM CAP	0.011uF 50V	マイラーコン	C341,348	
	FA154500	MYLAR FILM CAP	0.050uF 50V	マイラーコン	C376,377	
	FA154300	MYLAR FILM CAP	0.039uF 50V	マイラーコン	C336,340	
	FA154470	MYLAR FILM CAP	0.047uF 50V	マイラーコン	C349,350	
	FA154680	MYLAR FILM CAP	0.068uF 50V	マイラーコン	C353,354,360,361,370,374	
	FA155390	MYLAR FILM CAP	0.39uF 50V	マイラーコン	C365,368	
	FG211330	CERAMIC CAP	33pF 50V	セラコン	C364,369	
	FI552100	CERAMIC CAP	100pF 50V	セラコン	C313,315,318,320,356,359	
	FI552100	CERAMIC CAP	100pF 50V	セラコン	C304,305,324,325,328,335	W
	FG212220	CERAMIC CAP	220pF 50V	セラコン	C311,312,316,317,321,322,330,333,357,358	
	FG212220	CERAMIC CAP	220pF 50V	セラコン	C302,303	W
*	VK534000	POLYPROPYLENE FILM CAP	220pF 200V	PPコン	C307-310	UCRABH
	FG213150	CERAMIC CAP	1500pF 50V	セラコン	C331,332	
	FG713270	CERAMIC CAP	2700pF 50V	セラコン	C331,332	W
	VD930900	SEMI-CONDUCTIVE CERAMIC CAP	0.1uF 25V	半導体セラコン	C373	
	VD930900	SEMI-CONDUCTIVE CERAMIC CAP	0.1uF 25V	半導体セラコン	C301,314,319	W
	VG286300	ELECTROLYTIC CAP	220uF 6.3V	ケミコン	C388	
	VG287200	ELECTROLYTIC CAP	10uF 16V	ケミコン	C352,366,367	
	VG287300	ELECTROLYTIC CAP	22uF 16V	ケミコン	C342,347	
	VG287400	ELECTROLYTIC CAP	33uF 16V	ケミコン	C338	
	VG287600	ELECTROLYTIC CAP	100uF 16V	ケミコン	C363,371	
	VG287900	ELECTROLYTIC CAP	470uF 16V	ケミコン	C380,387	
	VG287800	ELECTROLYTIC CAP	330uF 16V	ケミコン	C344,345	
	VG288500	ELECTROLYTIC CAP	10uF 25V	ケミコン	C329,334	
	VG290100	ELECTROLYTIC CAP	0.22uF 50V	ケミコン	C382,384	
	VG290300	ELECTROLYTIC CAP	0.47uF 50V	ケミコン	C355,362	

* : New Parts (新規部品)

ランク : Japan only

Ref. NO.	PART NO.	Description	部品名	Remarks	Markets	ランク
	VG290500	ELECTROLYTIC CAP	1uF 50V	ケミコン	C383,385,389	
	UK166100	ELECTROLYTIC CAP	1uF 50V	B Pケミコン	C327	
	FM116100	ELECTROLYTIC CAP	2.2uF 50V	B Pケミコン	C372	
	FM116220	ELECTROLYTIC CAP	4.7uF 50V	B Pケミコン	C390	
	UJ719220	ELECTROLYTIC CAP	2200uF 6.3V	ケミコン	C337,339	
	VG288100	ELECTROLYTIC CAP	2200uF 16V	ケミコン	C351	
	VG288000	ELECTROLYTIC CAP	1000uF 16V	ケミコン	C379	
	VF541100	COIL	15uH	コイル	L301,302	W
	VB056900	COIL	220uH	コイル	L303,304	W
	HU575180	METAL FILM RESISTOR	180Ω 1/4W	金属被膜抵抗	R376	
	HU575220	METAL FILM RESISTOR	220Ω 1/4W	金属被膜抵抗	R383,390,401,402	
	HU575330	METAL FILM RESISTOR	330Ω 1/4W	金属被膜抵抗	R437	
	HU575470	METAL FILM RESISTOR	470Ω 1/4W	金属被膜抵抗	R442	
	HU595820	METAL FILM RESISTOR	820Ω 1/4W	金属被膜抵抗	R427	
	HU596100	METAL FILM RESISTOR	1KΩ 1/4W	金属被膜抵抗	R436	
	HU576330	METAL FILM RESISTOR	3.3KΩ 1/4W	金属被膜抵抗	R425	
	HU576470	METAL FILM RESISTOR	4.7KΩ 1/4W	金属被膜抵抗	R429	
	HU597100	METAL FILM RESISTOR	10KΩ 1/4W	金属被膜抵抗	R382,426,432	
	HU577220	METAL FILM RESISTOR	22KΩ 1/4W	金属被膜抵抗	R433	
	HU577470	METAL FILM RESISTOR	47KΩ 1/4W	金属被膜抵抗	R391-393,403-407	
	HU577680	METAL FILM RESISTOR	68KΩ 1/4W	金属被膜抵抗	R395,398	
	HU578120	METAL FILM RESISTOR	120KΩ 1/4W	金属被膜抵抗	R384,389,435	
	HU578470	METAL FILM RESISTOR	470KΩ 1/4W	金属被膜抵抗	R377,380	
	HU579100	METAL FILM RESISTOR	1MΩ 1/4W	金属被膜抵抗	R385-388,410,416	
	HV456470	FLAME PROOF CARBON RESISTOR	4.7Ω 1/4W	不燃化カーボン抵抗	R381	
	HV457100	FLAME PROOF CARBON RESISTOR	10Ω 1/4W	不燃化カーボン抵抗	R400	
	HV458100	FLAME PROOF CARBON RESISTOR	100Ω 1/4W	不燃化カーボン抵抗	R366,367,370,371	
	HV458470	FLAME PROOF CARBON RESISTOR	470Ω 1/4W	不燃化カーボン抵抗	R430,431	
	XA956001	IC	NJM2068S	I C	IC302	
	XB247301	IC	uPC4570HA	I C	IC301	
	XF557A00	IC	TA7291S	I C	IC304,305	
	XD341A00	IC	NJM78M12FA	I C	IC306	
*	X1787B00	IC	LC6520H-4601	I C	IC303	
*	VG990800	LIGHT DETECTING MODULE	GP1U521X	リモコン受光ユニット	U301	
*	VJ779400	ROTARY SWITCH		モーター付ロータリーSW	SW302 INPUT SEL.	
*	VJ786400	ROTARY SWITCH	SRRZS4	ロータリーSW	SW303 REC OUT	
	KA805120	PUSH SWITCH	SUN192H	プッシュSW	SW305 MODE	
	KA805110	PUSH SWITCH	SUN192H	プッシュSW	SW304 SUBSONIC FILTER	
*	VK333500	PUSH SWITCH	SPUN19	プッシュSW	SW301 PHONO	
*	VK695800	POTENTIOMETER	S25KΩx2	二連ロータリーVR	VR302 TREBLE	
*	VK696000	POTENTIOMETER	S30KΩx2	二連ロータリーVR	VR301 BASS	
*	VK314700	POTENTIOMETER	MN100KΩ	二連ロータリーVR	VR304 BALANCE	
*	VK314800	POTENTIOMETER	S30KΩx2	二連ロータリーVR	VR303 LOUDNESS	
	LB202260	PIN JACK	2P	ピンジャック	PJ301	
	LB401030	PIN JACK	4P T5857-A	ピンジャック	PJ304	
	LB401040	PIN JACK	4P T5858-A	ピンジャック	PJ302,305	
	LB606090	PIN JACK	6P T5916-A	ピンジャック	PJ303	
	VK216200	PLUG	FJ 7P	プラグ	CB301,305	
	VI377600	BASE PIN	HQ 6P TE	ベースピン	CB308	
	VB994800	CONNECTOR	B07P-HQ	MQコネクタ	CB307	

* : New Parts (新規部品)

ランク : Japan only

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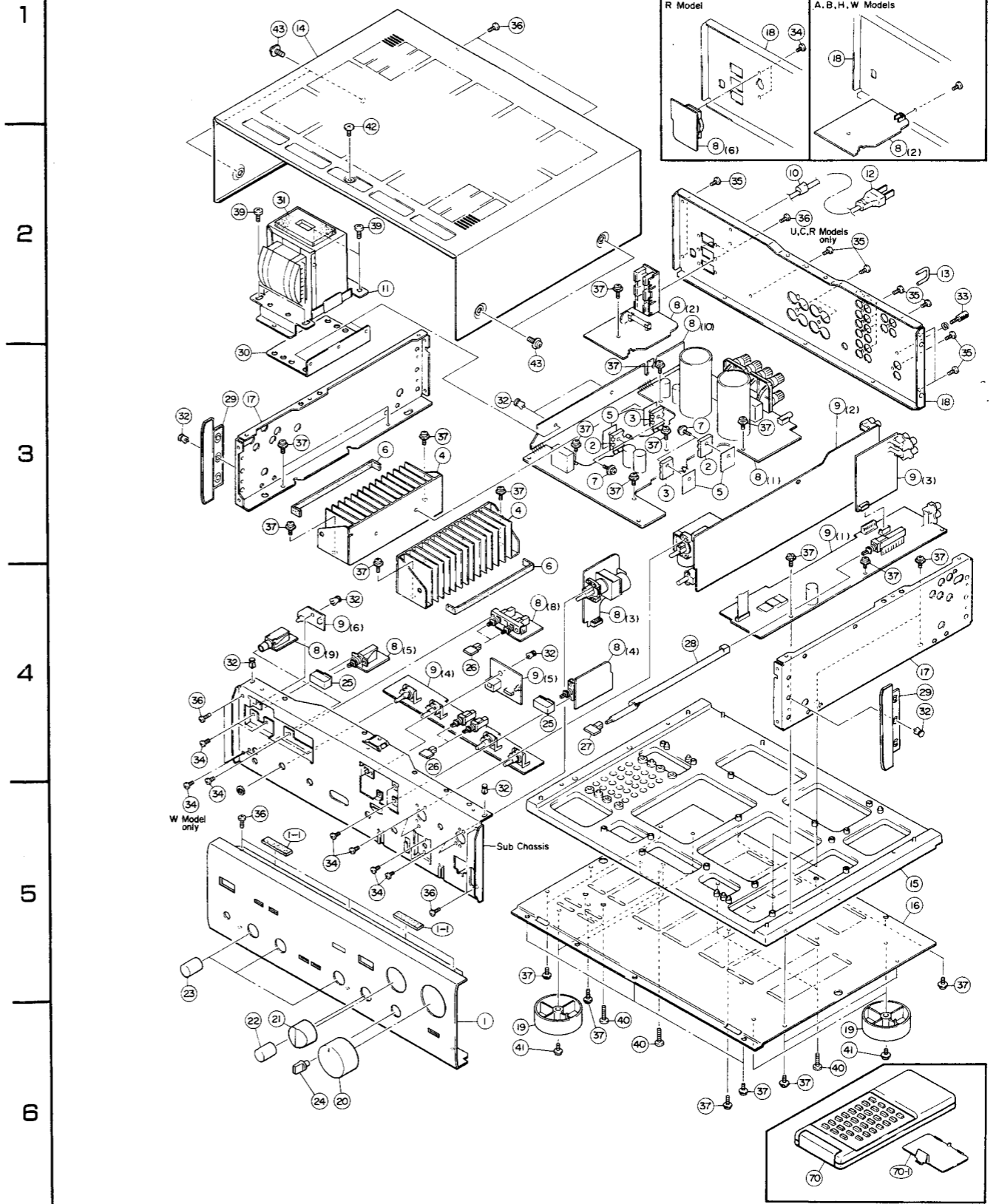
Ref. NO.	PART NO.	Description	部品名	Remarks	Markets	ランク
	VI378000	BASE PIN	HQ 10P TE	ベースピン	CB302	
	VI378400	SOCKET	HQ 6P	コネクタソケット	CB309	
	VI378800	SOCKET	HQ 10P	コネクタソケット	CB303	
*	VK485000	CONNECTOR	FPC 13P SE	FPC用コネクタ	CB311	
*	VK492500	CONNECTOR	5062 13P TE	サポータングウェハー	CB310	
	VD005000	BASE PIN	PH 7P TE	ベースピン	CB304,312	
	VD004900	BASE PIN	PH 6P TE	ベースピン	CB306	
	VB750100	CERAMIC RESONATOR	4MHz EFO-FC400	セラミック共振子	XL301	
	IA097000	TRANSISTOR	2SA970 GR,BL	トランジスタ	Q303-306	
	IA093370	TRANSISTOR	2SA933S Q,R	トランジスタ	Q310,314	
	IC181511	TRANSISTOR	2SC1815 Y	トランジスタ	Q312	
	IC174070	TRANSISTOR	2SC1740S R,S	トランジスタ	Q313	
	VK432900	TRANSISTOR	2SD1915(F) ST	トランジスタ	Q301,302	
	VD678500	DIGITAL TRANSISTOR	DTA114ES	デジタルトランジスタ	Q307,311	
	VG721700	DIGITAL TRANSISTOR	DTA144ES	デジタルトランジスタ	Q315	
	VG722000	DIGITAL TRANSISTOR	DTC144ES	デジタルトランジスタ	Q308,309,316	
	IF004600	DIODE	1SS133	ダイオード	D301,302,305,313	
	VG437000	ZENER DIODE	WTZJ4.7A	ツェナーダイオード	D309	
	VG437300	ZENER DIODE	WTZJ5.1A	ツェナーダイオード	D311,312	
	VG437500	ZENER DIODE	WTZJ5.1C	ツェナーダイオード	D310	
	VG438000	ZENER DIODE	WTZJ6.2B	ツェナーダイオード	D303	
	VI013600	LED	SLR-34VC3H3 (RED)	LED	D304	
	VF402500	LED	SLR-34DC3H3 (ORA)	LED	D308	
*	VK492600	CABLE	13P	HCUジョイナー		

* : New Parts (新規部品)

ランク : Japan only

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MECHANISM PARTS

Ref. NO.	PART NO.	Description	部 品 名	Remarks	Markets	ランク
1	VK546700	PANEL UNIT	パネルユニット	BL		
1	VK546800	PANEL UNIT	パネルユニット	T		
1-1	VK863200	DAMPER	ダンパー			
2	1X608110	TRANSISTOR	トランジスタ			
3	1X608120	TRANSISTOR	トランジスタ			
4	VK231200	RADIATOR ASS'y	ラジエータASSY			
5	VK196000	SHEET	シート			
6	VK689900	DAMPER	ダンパー			
7	VK173200	SCREW TR	スクリューTR			
8	VK538200	MAIN CIRCUIT BOARD	メインシート		U	
8	VK538300	MAIN CIRCUIT BOARD	メインシート		C	
8	VK538400	MAIN CIRCUIT BOARD	メインシート		R	
8	VK538500	MAIN CIRCUIT BOARD	メインシート		AB	
8	VK538600	MAIN CIRCUIT BOARD	メインシート		W	
8	VK865700	MAIN CIRCUIT BOARD	メインシート		H	
9	VK544700	FUNCTION CIRCUIT BOARD	ファンクションシート		UCRABH	
9	VK544800	FUNCTION CIRCUIT BOARD	ファンクションシート		W	
10	CB620190	CORD STOPPER	コードストッパー		RABWH	
10	CB620200	CORD STOPPER	コードストッパー		UC	
11	X1625A00	POWER TRANSFORMER	電源トランス		U	△
11	X1626A00	POWER TRANSFORMER	電源トランス		C	△
11	X1627A00	POWER TRANSFORMER	電源トランス		R	△
11	X1628A00	POWER TRANSFORMER	電源トランス		AB	△
11	X1629A00	POWER TRANSFORMER	電源トランス		WH	△
12	MG002220	POWER CORD	電源コード		UC	△
12	VE222900	POWER CORD ASS'y	パワーコードASSY		R	△
12	VE042900	POWER CORD ASS'y	パワーコードASSY		A	△
12	VK815600	POWER CORD ASS'y	パワーコードASSY		B	△
12	VE043400	POWER CORD ASS'y	パワーコードASSY		WH	△
13	LB101110	SHORT PIN	ショートピン			
14	VK233100	TOP COVER	トップカバー	BL		
14	VK233200	TOP COVER	トップカバー	T		
15	VK233300	CHASSIS	シャーシ アートベース			
16	VK234100	BOTTOM COVER	ボトムカバー			
17	VK234000	FRAME SIDE	フレーム サイド			
18	VK230200	REAR PANEL	リヤパネル		U	
18	VK230300	REAR PANEL	リヤパネル		C	
18	VK230400	REAR PANEL	リヤパネル		R	
18	VK230500	REAR PANEL	リヤパネル		AB	
18	VK230600	REAR PANEL	リヤパネル		W	
18	VK807800	REAR PANEL	リヤパネル		H	
19	V1615200	LEG	レッグ			
20	VK015100	KNOB	ノブ	BL VOLUME		
20	VK015200	KNOB	ノブ	T VOLUME		
21	VK219900	KNOB	ノブ	BL INPUT		
21	VK220000	KNOB	ノブ	T INPUT		
22	VK232700	KNOB	ノブ	BL LOUDNESS		
22	VK232800	KNOB	ノブ	T LOUDNESS		
23	VK232500	KNOB	ノブ	BL BALANCE		
23	VK232600	KNOB	ノブ	T BALANCE		

* : New Parts (新規部品)

ランク : Japan only

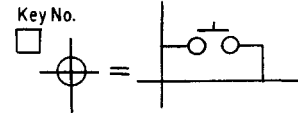
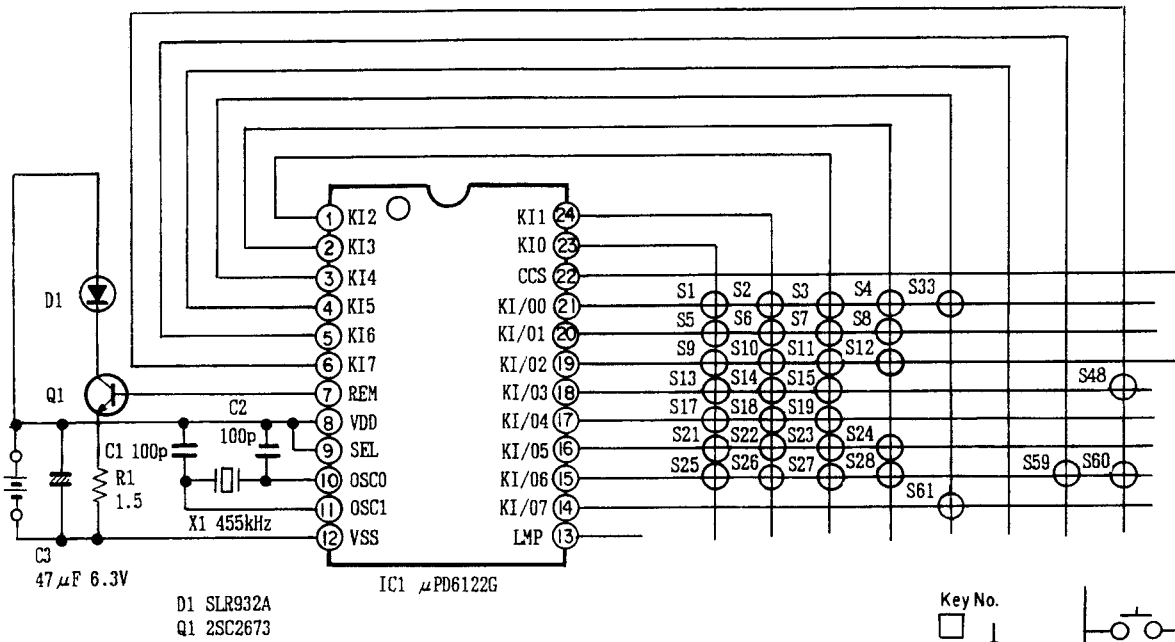
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Ref. NO.	PART NO.	Description	部 品 名		Remarks	Markets	ランク
* 24	VK865500	KNOB		ノブ	BL REC OUT		
* 24	VK865600	KNOB		ノブ	T REC OUT		
25	VH841900	BUTTON		ボタン	BL POWER		
25	VH842000	BUTTON		ボタン	T POWER		
26	VH816000	BUTTON		ボタン	BL SPEAKERS		
26	VH816100	BUTTON		ボタン	T SPEAKERS		
27	VH816200	BUTTON		ボタン	BL PHONO		
27	VH816300	BUTTON		ボタン	T PHONO		
* 28	VK230800	ROD		ロッド			
* 29	VK234600	PLATE SIDE		プレートサイド	BL		
* 29	VK234700	PLATE SIDE		プレートサイド	T		
* 30	VK296200	FRAME	PCB	フレーム			
* 31	VK865400	DAMPER/TRANSFORMER		ダンパ/トランス			
32	CB090600	PLASTIC RIVET		ブラリベット			
33	AA627310	GROUND TERMINAL		GNDターミナル			
34	ED330066	BIND HEAD SCREW	3x6	FCRM3-BL	バインド小ネジ		
35	EN340020	BIND HEAD BONDING TAP. SCREW	3x8	FCRM3-BL	ボンディングBタイトネジ		
36	EI330086	BIND HEAD TAPPING SCREW	3x8	FCRM3-BL	バインドタッピングネジ		
38	EK330030	BW HEAD TAPPING SCREW	3x10-8	FCRM3-BL	BWヘッドタッピングネジ		
39	EI340166	BIND HEAD TAPPING SCREW	4x16	FCRM3-BL	バインドタッピングネジ		
* 40	VL118440	BIND HEAD B-TITE SCREW	4x22	FCRM3-BL	バインドBタイトネジ		
41	EK930010	BW HEAD B-TITE SCREW	3x8-8	FCRM3-BL	BWヘッドBタイトネジ		
42	EX601850	SPECIAL SCREW S-TITE	4x8-10	FCRM3-BL	化粧ネジSタイト	BL	
42	EX601860	SPECIAL SCREW S-TITE	4x8-10	FNM3-BL	化粧ネジSタイト	T	
43	EK365090	BW HEAD S-TITE SCREW	4x8	ZMC2-BL	BWヘッドSタイトネジ	BL	
43	EK365040	BW HEAD S-TITE SCREW	4x8-10	FNM3-BL	BWヘッドSタイトネジ	T	
44	CB068880	PLASTIC RIVET	#1027		ブラリベット		

* : New Parts (新規部品)

ランク : Japan only

■ REMOTE CONTROL TRANSMITTER



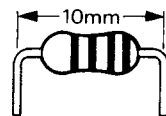
KEY NO.	DATA CODE								FUNCTION
	D0	D1	D2	D3	D4	D5	D6	D7	
1	0	0	0	0	0	0	0	0	PLAY(TAPE1/2)
2	1	0	0	0	0	0	0	0	◀ (")
3	0	1	0	0	0	0	0	0	▶ (")
4	1	1	0	0	0	0	0	0	STOP (")
5	0	0	1	0	0	0	0	0	REC/PAUSE (")
6	1	0	1	0	0	0	0	0	REC MUTE (")
7	0	1	1	0	0	0	0	0	DECK A/B (")
8	1	1	1	0	0	0	0	0	DIR A (")
9	0	0	0	1	0	0	0	0	PLAY
10	1	0	0	1	0	0	0	0	PAUSE/STOP
11	0	1	0	1	0	0	0	0	SKIP ▶▶
12	1	1	0	1	0	0	0	0	SKIP ◀◀
13	0	0	1	1	0	0	0	0	SEARCH ▶▶
14	1	0	1	1	0	0	0	0	SEARCH ◀◀
15	0	1	1	1	0	0	0	0	PLAY/CUT
17	0	0	0	0	1	0	0	0	PRESET +
18	1	0	0	0	1	0	0	0	PRESET -
19	0	1	0	0	1	0	0	0	A/B/C/D/E
21	0	0	1	0	1	0	0	0	PHONO
22	1	0	1	0	1	0	0	0	CD
23	0	1	1	0	1	0	0	0	TUNER
24	1	1	1	0	1	0	0	0	AUX
25	0	0	0	1	1	0	0	0	TAPE1/DAT
26	1	0	0	1	1	0	0	0	TAPE2
27	0	1	0	1	1	0	0	0	VOLUME +
28	1	1	0	1	1	0	0	0	VOLUME -
33	0	0	0	0	0	0	1	0	DIR B (TAPE1/2)
48	1	1	1	1	0	0	1	0	DISC SKIP
59	0	1	0	1	1	0	1	0	EQ ON/FLAT
60	1	1	0	1	1	0	1	0	EQ PRESET +
61	0	0	1	1	1	0	1	0	EQ PRESET -
CUSTOM CODE	0	1	0	1	1	1	1	0	

Parts List for Carbon Resistor

Value	1/4W Type Part No.	1/6W Type Part No.	Value	1/4W Type Part No.	1/6W Type Part No.
1.0 Ω	HJ353100	HF853100	12KΩ	HJ357120	HF857120
1.8 "	HJ353180	*	15 "	HJ357150	HF857150
2.2 "	HJ353220	HF853220	18 "	HJ357180	HF857180
3.3 "	HJ353330	HF853330	22 "	HJ357220	HF857220
4.7 "	HJ353470	HF853470	27 "	HJ357270	HF857270
5.6 "	HJ353560	HF853560	33 "	HJ357330	HF857330
10 "	HJ354100	HF854100	39 "	HJ357390	HF857390
15 "	HJ354150	HF854150	47 "	HJ357470	HF857470
22 "	HJ354220	HF854220	56 "	HJ357560	HF857560
27 "	HJ354270	HF854270	68 "	HJ357680	HF857680
33 "	HJ354330	HF854330	82 "	HJ357820	HF857820
39 "	HJ354390	HF854390	91 "	HJ357910	HF857910
47 "	HJ354470	HF854470	100 "	HJ358100	HF858100
56 "	HJ354560	HF854560	120 "	HJ358120	HF858120
68 "	HJ354680	HF854680	150 "	HJ358150	HF858150
82 "	HJ354820	HF854820	180 "	HJ358180	HF858180
100 "	HJ355100	HF855100	220 "	HJ358220	HF858220
110 "	HJ355110	HF855110	270 "	HJ358270	HF858270
120 "	HJ355120	HF855120	330 "	HJ358330	HF858330
150 "	HJ355150	HF855150	390 "	HJ358390	HF858390
160 "	HJ355160	*	470 "	HJ358470	HF858470
180 "	HJ355180	HF855180	560 "	HJ358560	HF858560
220 "	HJ355220	HF855220	680 "	HJ358680	HF858680
270 "	HJ355270	HF855270	820 "	HJ358820	HF858820
330 "	HJ355330	HF855330	1.0MΩ	HJ359100	HF859100
390 "	HJ355390	HF855390	1.2 "	HJ359120	*
470 "	HJ355470	HF855470	1.5 "	HJ359150	HF859150
510 "	*	HF855510	1.8 "	HJ359180	HF859180
560 "	HJ355560	HF855560	2.2 "	HJ359220	HF859220
680 "	HJ355680	HF855680	3.3 "	HJ359330	HF859330
820 "	HJ355820	HF855820	3.9 "	HJ359390	*
910 "	HJ355910	HF855910	4.7 "	HJ359470	HF859470
1.0KΩ	HJ356100	HF856100			
1.2 "	HJ356120	HF856120			
1.5 "	HJ356150	HF856150			
1.8 "	HJ356180	HF856180			
2.0 "	HJ356200	HF856200			
2.2 "	HJ356220	HF856220			
2.4 "	HJ356240	HF856240			
2.7 "	HJ356270	HF856270			
3.0 "	HJ356300	HF856300			
3.3 "	HJ356330	HF856330			
3.6 "	HJ356360	HF856360			
3.9 "	HJ356390	HF856390			
4.7 "	HJ356470	HF856470			
5.1 "	HJ356510	HF856510			
5.6 "	HJ356560	HF856560			
6.8 "	HJ356680	HF856680			
8.2 "	HJ356820	HF856820			
9.1 "	HJ356910	HF856910			
10 "	HJ357100	HF857100			

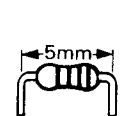
1/4W Type

HJ35○○○○



1/6W Type

HF85○○○○



AX-550

YAMAHA

YAMAHA CORPORATION
P.O. BOX 1, HAMAMATSU, JAPAN

Hi-Fi Stereo

SERVICE NEWS

AX-550

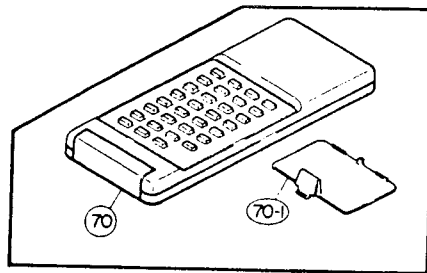
BULLETIN NO.: E-531 ⁶²⁸

DATE : May, 1991

Additional Parts Entries

Please make the additional parts entries for the omissions on the page 21 of the Parts List in your AX-550 Service Manual.

EXPLODED VIEW



Additional Part

Ref.No.	Part No.	Description	Remarks
		Accessories	
70	VK380100	Remote Control Transmitter	SBFA03P54A EX
70-1	XX671720	Lid	