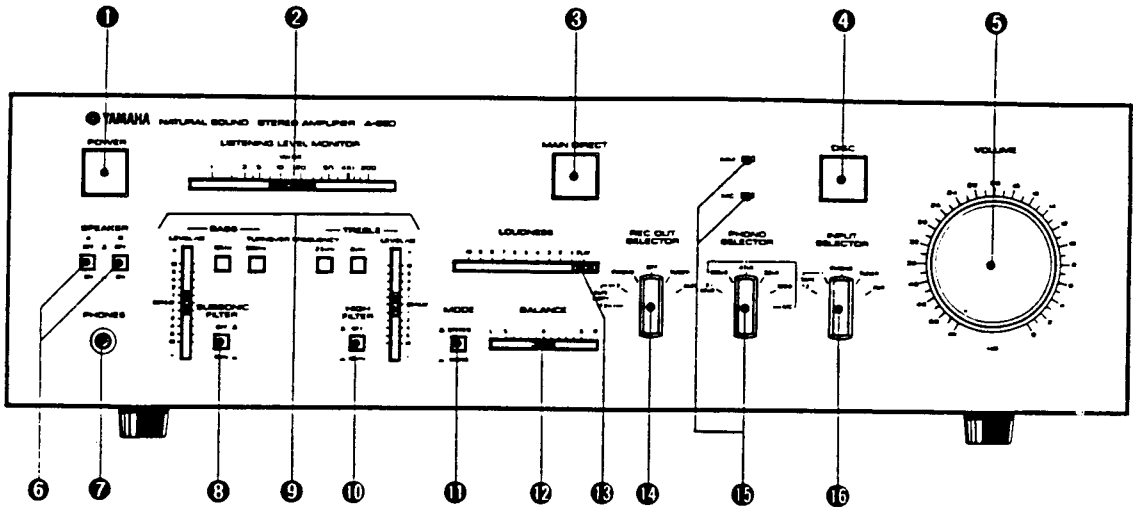
STEREO INTEGRATED AMPLIFIER

A-960

SERVICE MANUAL

■ FRONT PANEL



❶ POWER switch
❷ LISTENING LEVEL MONITOR (peak level indicator)
❸ MAIN DIRECT switch
❹ DISC switch
❺ VOLUME control
❻ SPEAKER selector switches
❼ PHONES jack
❽ SUBSONIC FILTER switch
❾ BASS and TREBLE tone controls
❿ HIGH FILTER switch
⓫ MODE selector switch
⓬ BALANCE control
⓭ LOUDNESS control
⓮ REC OUT SELECTOR switch
⓯ PHONO SELECTOR and MM/MC indicators
⓰ INPUT SELECTOR switch

■ CONTENTS

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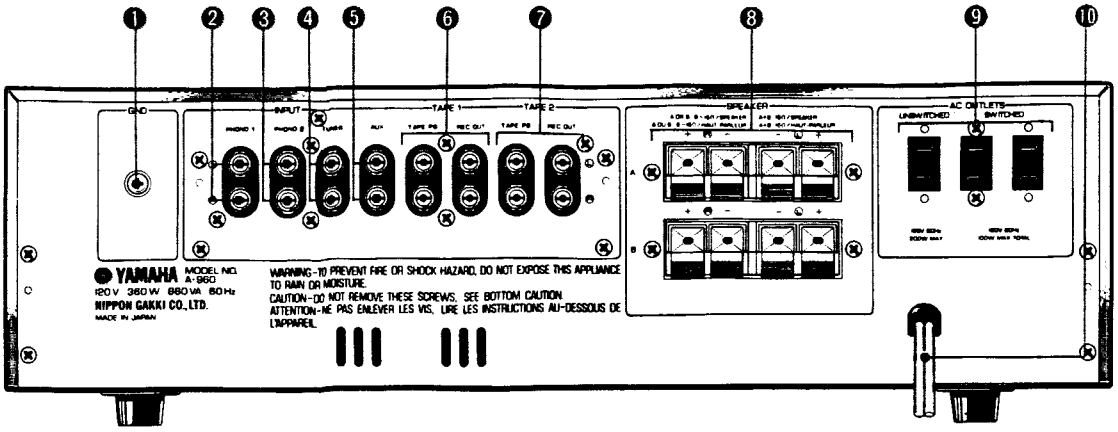
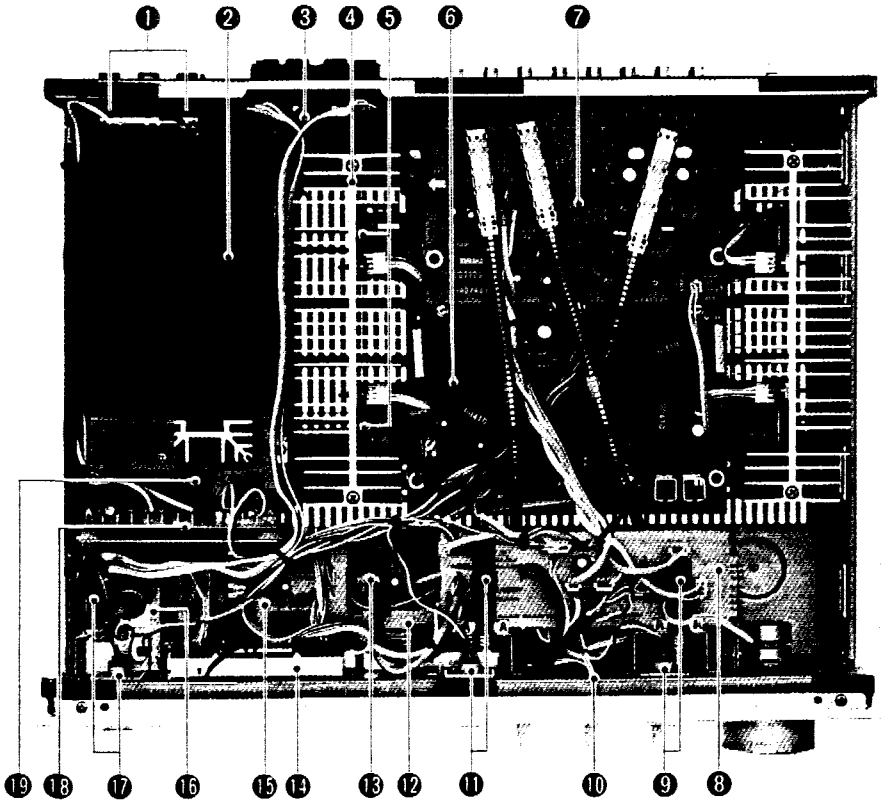
REAR PANEL



1. GND terminal
2. PHONO 1 input terminals
3. PHONO 2 input terminals
4. TUNER input terminals
5. AUX input terminals
6. TAPE 1 terminals (tape playback and record output)
7. TAPE 2 terminals (tape playback and record output)
8. SPEAKER output terminals A/B
9. AC OUTLETS (switched and unswitched sockets)
10. Power cord

INTERNAL COMPONENTS

* Top View



1. AC outlets
2. Power transformer cover (power transformer)
3. Main c. board 3
4. Heat sink
5. Power transistors
6. Main c. board 1
7. Function c. board
8. Tone control c. board
9. Disc switch
10. Phono indicator LEDs
11. Main direct switch
12. Tone control c. board 6
13. Tone control c. board 2
14. Listening level monitor VR (main c. board 5)
15. Tone control c. board 3
16. Main c. board 2
17. Power switch
18. Control c. board 1
19. Control c. board 2

SPECIFICATIONS

Minimum RMS Output Power
8 ohms, 20 to 20,000 Hz,
0.01% THD . . . . . 100 W + 100 W
Total Harmonic Distortion
Phono MM to Rec Out
(20 to 20,000 Hz,
10 V output) 0.003%
Phono MC to Rec Out
(20 to 20,000 Hz,
7 V output) 0.006%
Aux/Tape/Tuner to
Sp Out (20 to 20,000 Hz,
50 W) 0.005%
IM Distortion Ratio
(60 Hz : 7 kHz = 4 : 1)
Aux/Tape/Tuner to
Sp Out
(8 ohms, 100 W) 0.002%
(8 ohms, 1 W) 0.01%
Power Bandwidth
(8 ohms, 50 W,
0.02% THD) . . . . . 10 to 50,000 Hz
Damping Factor
(8 ohms, 1 kHz) . . . . . Better than 55
Frequency Response
(Aux/Tape/Tuner
to SP Out, 8 ohms) . . . . 20 to 20,000 Hz
+0, –2 dB
RIAA Deviation
Phono MM . . . . . ±0.2 dB
Phono MC . . . . . ±0.3 dB
Input Sensitivity/Impedance
Phono MM . . . . . 2.5 mV/100, 33 k, 47 k,
100 k ohms
Phono MC . . . . . 160 μV/100 ohms
Aux/Tape/Tuner . . . . . 150 mV/47 k ohms
Maximum Input Level (1 kHz)
Phono MM . . . . . 250 mV RMS
Phono MC . . . . . 15 mV RMS
Tone Control Characteristics
Bass (Turnover 500 Hz). ±10 dB at 20 Hz
Treble (Turnover
2.5 kHz) . . . . . ±9.5 dB at 20 kHz
Output Level/Impedance
Rec Out . . . . . 150 mV/600 ohms
Signal-to-Noise Ratio
(IHF A Network)
Phono MM
(5 mV, Input Shorted) . . 93 dB
Phono MC
(500 μV, Input Shorted). 77 dB
Aux/Tape/Tuner
(Input Shorted) . . . . . 103 dB

Residual Noise
(IHF A Network) 220μV
Filter Characteristics
Low (Subsonic) . . . . . 15 Hz, –12dB/oct
High . . . . . 10kHz, –12dB/oct
Channel Separation
(1 kHz, vol –30 dB, shorted)
Tuner to Sp Out . . . . . 70 dB
Phono MM to Sp Out. . . 70 dB
Phono MC to Sp Out . . . 70 dB
Continuous Loudness
Control (Level-Related
Equalization)
Max. Attenuation . . . . . 20 dB at 1 kHz
Gain Tracking Error
(0 to –60 dB) . . . . . 2 dB
Slew Rate . . . . . 200 V/μs.
Headphone Output . . . . . 82 mW (8 ohms, 0.01%
THD)
Semiconductors . . . . . 69 Transistors, 4 ICs,
8 FETs, 40 Diodes, 3 LEDs
Power Supply
U.S. and Canada . . . . . 120 V, 60 Hz
General . . . . . 110–120 V/220–240 V,
50/60 Hz
Northern Europe . . . . . 220 V, 50 Hz
Britain and Australia . . . 240 V, 50 Hz
Power Consumption
U.S. and Canada . . . . . 360 W/880 VA
Northern Europe . . . . . 630 W
Britain and Australia . . . 630 W
General . . . . . 360 W
Dimensions (W x H x D) . . 435 x 133 x 365 mm
(17-1/8" x 5-1/4" x 14-3/8")
Weight . . . . . 10.5 kg (23 lbs. 2 oz.)

Specifications subject to change without notice.

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■ DISASSEMBLY PROCEDURES

1. Removing the Top Cover

Remove screws ① and ② from both left and right sides (see Photo 1), and then remove the top cover by sliding it towards the rear.

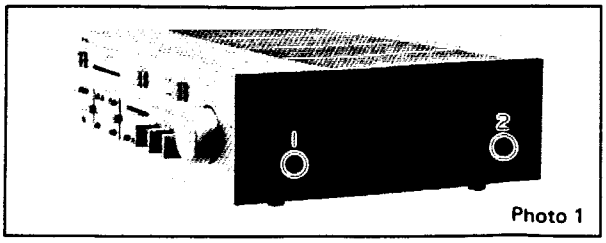

Photo 1

2. Removing the Bottom Cover

Turn the amplifier upside down, remove screws ① to ⑨ shown in Photo 2, and then remove the bottom cover.

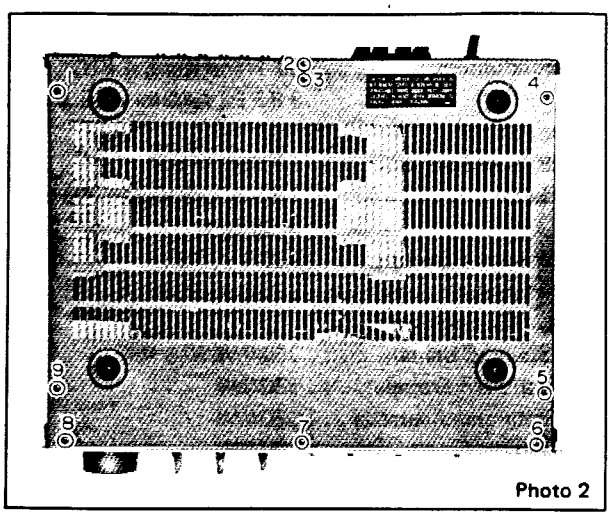

Photo 2

3. Removing the Front Panel

1) Remove the top and bottom covers as described in procedures 1 and 2.
2) Using the 1.5ϕ allen wrench, loosen the set screws holding the REC OUT, PHONO and INPUT selector knobs, and then pull the knobs right off.
3) Gently extract the POWER, MAIN DIRECT and DISC illumination lamps from the respective holders located at the back of each switch, taking care not to disconnect or break any leads.
4) Disconnect the MM and MC indicator LED connectors.
5) Then after undoing screws ① and ② shown in Photo 3, the front panel may be lifted out forward.

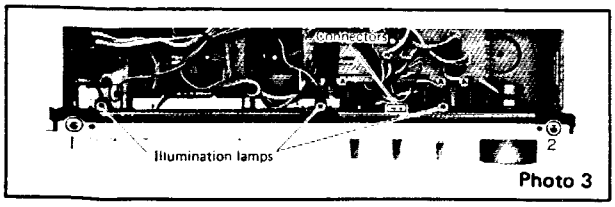

Photo 3

4. Removing the Rear Panel

1) Remove the top and bottom covers as described above in procedures 1 and 2.
2) Disconnect the power cord at the AC OUTLETS position.
3) Remove all screws ① to ㉑ to enable the rear panel to be removed.

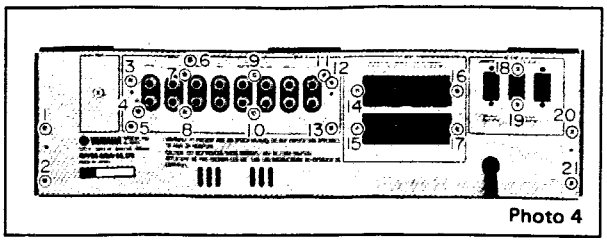

Photo 4

5. Removing the Function C. Board

1) Remove the top cover as described in procedure 1.
2) Disconnect all lead wire connectors, and then all on-board switch flexible wires with a standard screwdriver (see Fig. 1).
3) Then after removing screws ③ to ⑬ shown in Photo 4, the function c. board may be removed.

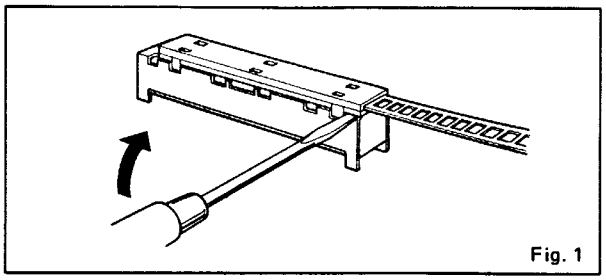

Fig. 1

6. Removing the Control Section

1) Remove the top and bottom covers, and also the front panel as described in procedures 1, 2 and 3.
2) Main c. board 5 and tone control c. board 9 may be removed after undoing screws ① and ② shown in Photo 5.
3) Then undo screws ③ and ④ (same photo) in order to remove the POWER push-button switch.
4) Next undo screws ⑤ and ⑥ and remove the shield plate. Then undo screws ⑦ and ⑧, slip the metal catch Ⓐ securing the phones jack to the side (direction of arrow), and remove main c. boards 2 and 4.
5) Disconnect all connectors to the tone control c.

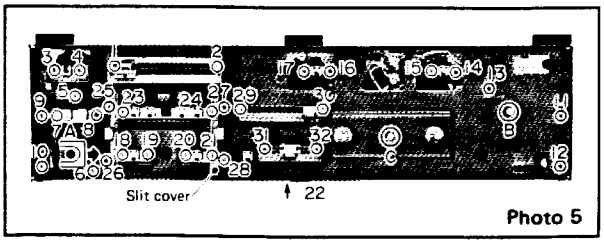

Photo 5

boards, and also the function c. board flexible wires (as described above in procedure 5).

6) The control section may finally by separated by undoing screws ⑨ to ⑫ in Photo 5.

7. Removing Tone Control C. Boards 1 ~ 9

1) Remove the top and bottom covers, and also the front panel as described in procedures 1, 2 and 3.
2) Using the 1.5ϕ allen wrench, loosen the set screw securing the VOLUME control knob and then remove the knob.
3) Tone control c. board 1 may be removed when nut Ⓑ and screws ⑬ to ⑰ shown in Photo 5 are removed.
4) And tone control c. board 8 may be removed after unscrewing nut Ⓒ shown in the same photo.

* The following steps will be made considerably more easier to perform after removing the control section as described in procedure 6.

5) Remove the BASS and TREBLE slide levers and the slit cover shown in Photo 5.
6) Tone control c. board 2 may be remove screws ⑱ to ㉑ and also screw ㉒ from below the board as indicated in Photo 5.
7) Tone control c. boards 3, 4 and 5 may then be removed after remove screws ㉓ to ㉘ .
8) Finally remove the LOUDNESS and BALANCE control knobs and screws ㉙ to ㉜ in order to remove tone control c. boards 6 and 7.

8. Removing the Main C. Boards and the Heat Sink

1) Remove the top and bottom covers as described in procedures 1 and 2.
2) Remove the function c. board as described in procedure 5.
3) Remove the solder from the power transistors (TR335 to TR338).
4) Main c. board may be removed after disconnecting the lead wires and connectors, and remove screws ① to ④ shown in Photo 6.
5) Then undo screws ⑤ to ⑧ (same photo) to remove the heat sink.

* When reinserting the main c. boards, take due care with the thermo-coupling.

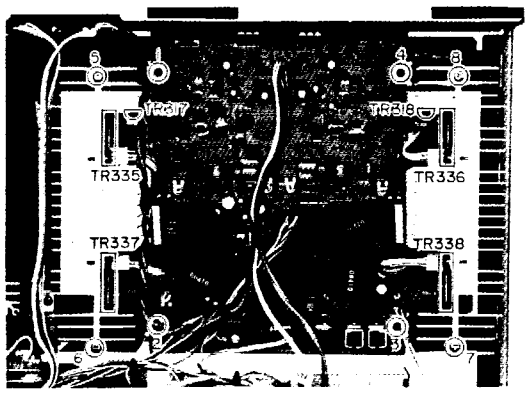

Photo 6

9. Removing Control C. Boards 1 and 2 and the Power Transformer

1) Remove the top cover as described in procedure 1.
2) Disconnect the control c. board wiring.
3) When screw ① shown in Photo 7 is removed and the control c. boards disconnected from board holders Ⓐ and Ⓑ, both control c. boards may be removed.
4) Remove screws ② to ⑤ shown in Photo 7 and then remove the power transformer cover.
5) Remove screws ① to ④ shown in Photo 8 and then remove the transformer.

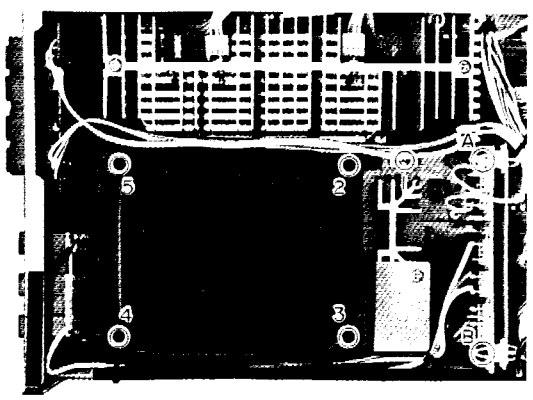
Photo 7

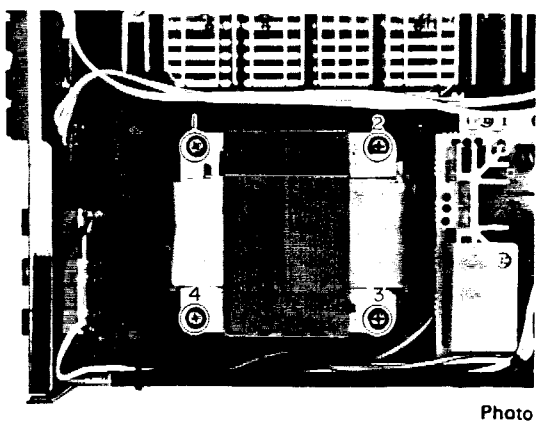
Photo 8

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■ ADJUSTMENTS

Before commencing

1. First turn the power on about 5 minutes to ensure that the amplifier is properly warmed up before commencing any adjustments.
2. Use two digital voltmeters in steps 3 and 4 in order to adjust both channels simultaneously.

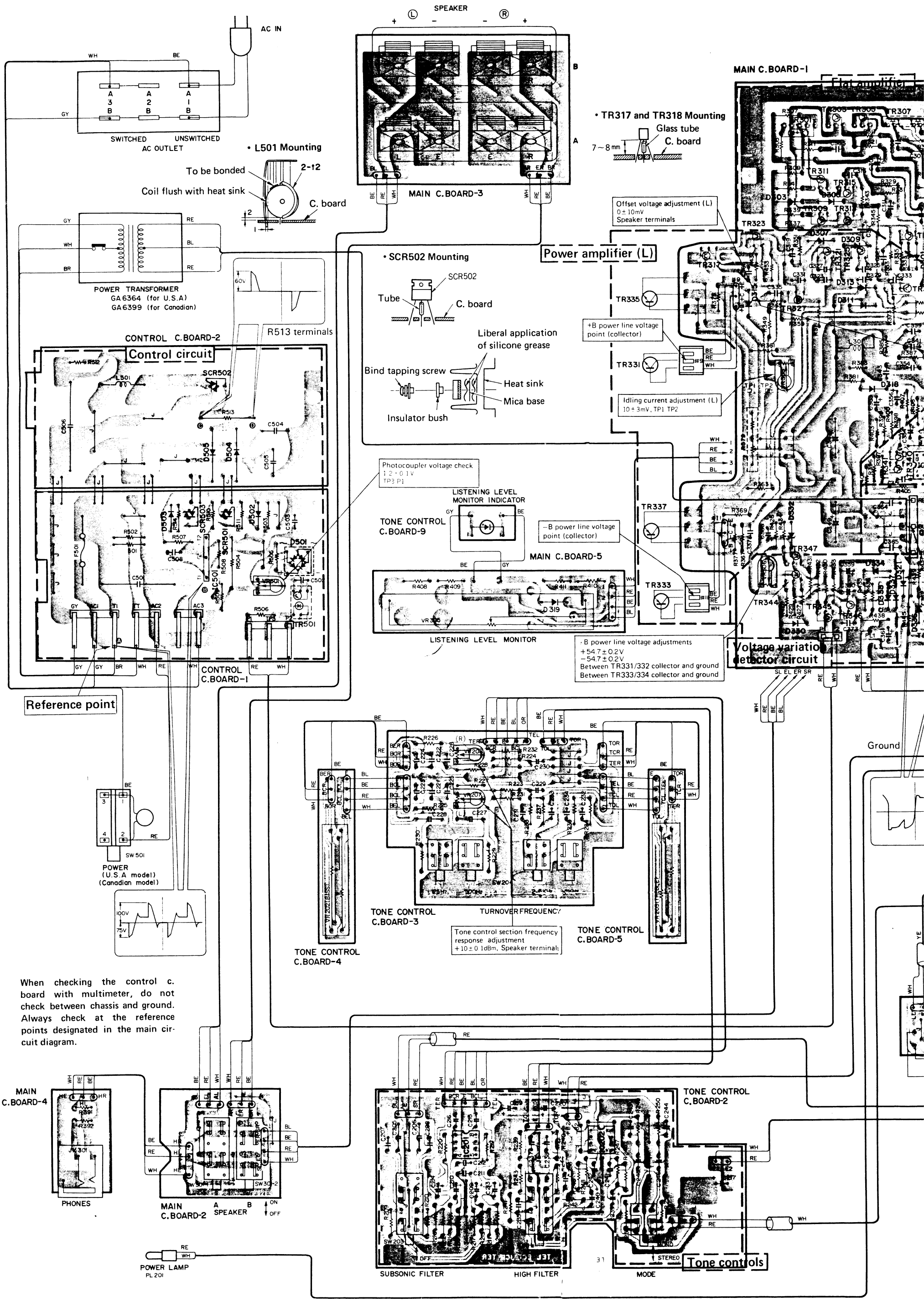
Step	Adjustment	Adjustment Conditions	Adjustment Points	Test Points	Rating	Measuring Equipment
1	Idling current	Set VOLUME control to minimum position	Main c. board 1 • VR303 (Lch) • VR304 (Rch)	• TP1 – TP2 (Lch) • TP3 – TP4 (Rch)	10 ± 3 mV	Digital voltmeter (multimeter)
2	Offset voltage	Set VOLUME control to minimum position	Main c. board 1 • VR301 (Lch) • VR302 (Rch)	• Between the TP2 and Ground (Chassis). (Lch) • Between the TP4 and Ground (Chassis). (Rch)	0 ± 10 mV	Digital voltmeter or oscilloscope
3	±B power line voltages	No load	Main c. board 1 VR306	• Between the TR331 collector and ground (L). • Between the TR332 collector and ground (R).	DC+54.7 ±0.2V (U,C,A,B,R) DC+54.0 ±0.2V (G)	Digital voltmeter (multimeter)
				• Between the TR333 collector and ground (L). • Between the TR334 collector and ground (R).	DC–54.7 ±0.2V (U,C,A,B,R) DC–54.0 ±0.2V (G)	
4	Photocoupler voltage check	• Set VOLUME control to minimum position. • No load.	Control c. board 2 VR501 (*)	TP3 – P1	1.2±0.1V(*)	Digital voltmeter (multimeter)
5	Tone control section frequency response	• MAIN DIRECT OFF • BASS and TREBLE DEFEAT • Filter switches OFF	Tone control c. board 3 • VR207 (Lch) • VR208 (Rch)	1. Apply a 1kHz sine wave to the TUNER terminals, and adjust to obtain a +10dBm output level at the speaker terminals (with 8 ohm load). 2. Change the frequency to 50Hz, and adjust VR207 and 208 to obtain an output level of +10 ±0.1 dBm.		Oscillator and level meter

* If the rated specification is not satisfied, adjust the control c. board VR501 and the main c. board VR306 alternately to obtain the rated ±B and voltage across $TP_3 - P_1$.

* The step 4 voltage check is only required if the photocoupler is exchanged.

Note, U.....U.S.A. model
C.....Canadian model
A.....Australian model
B.....British model
R.....General model
G.....North European model

■ WIRING



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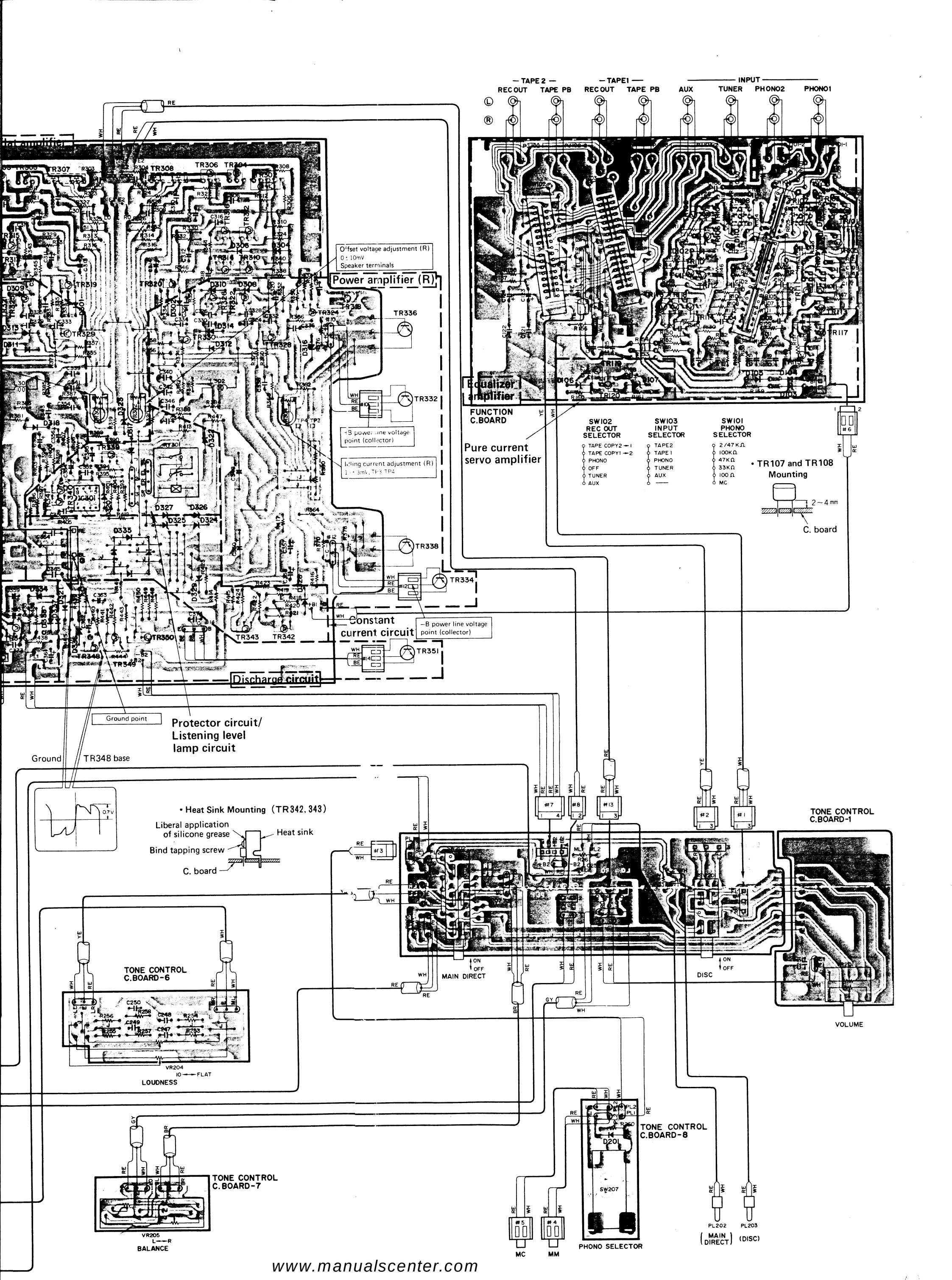

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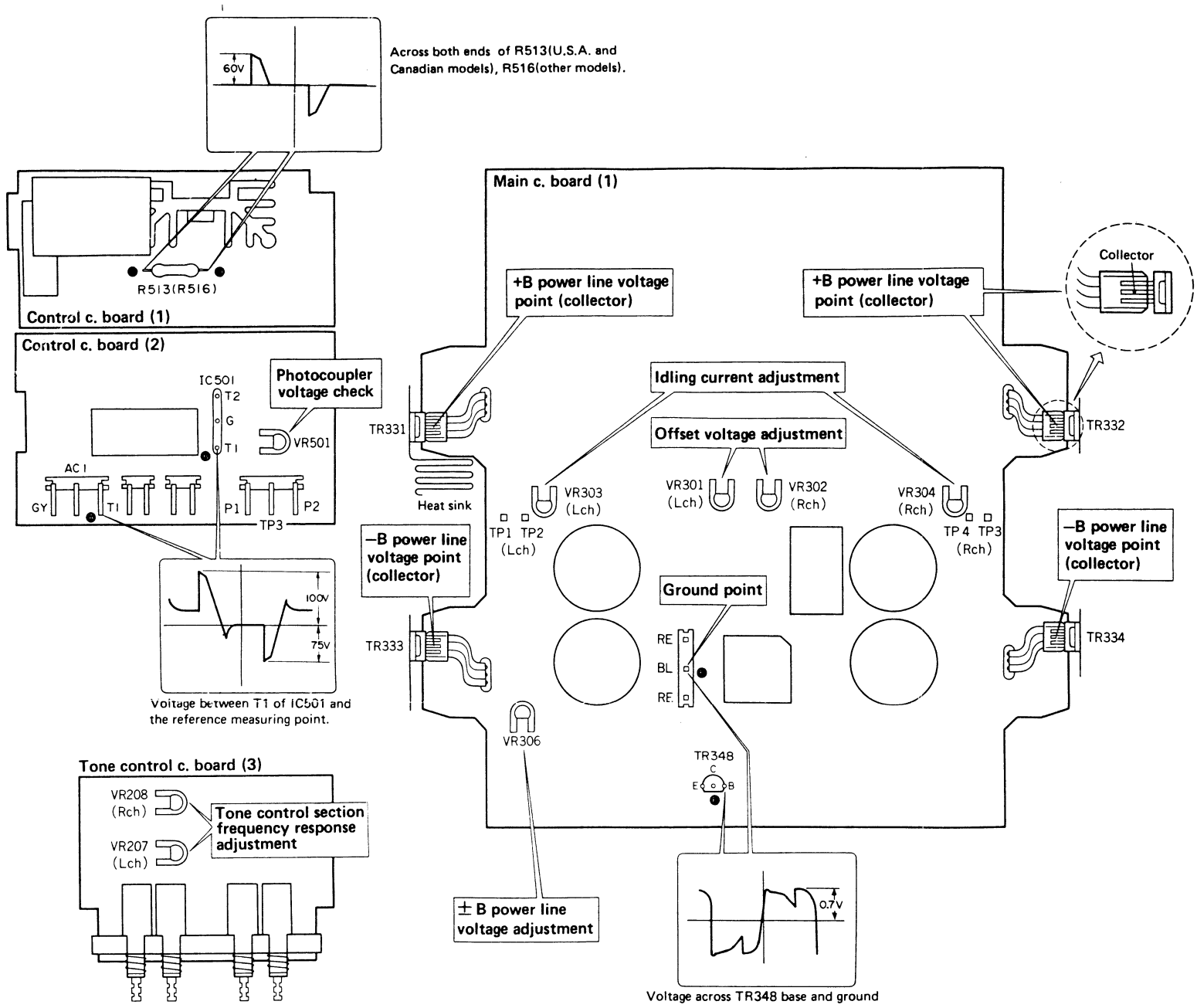
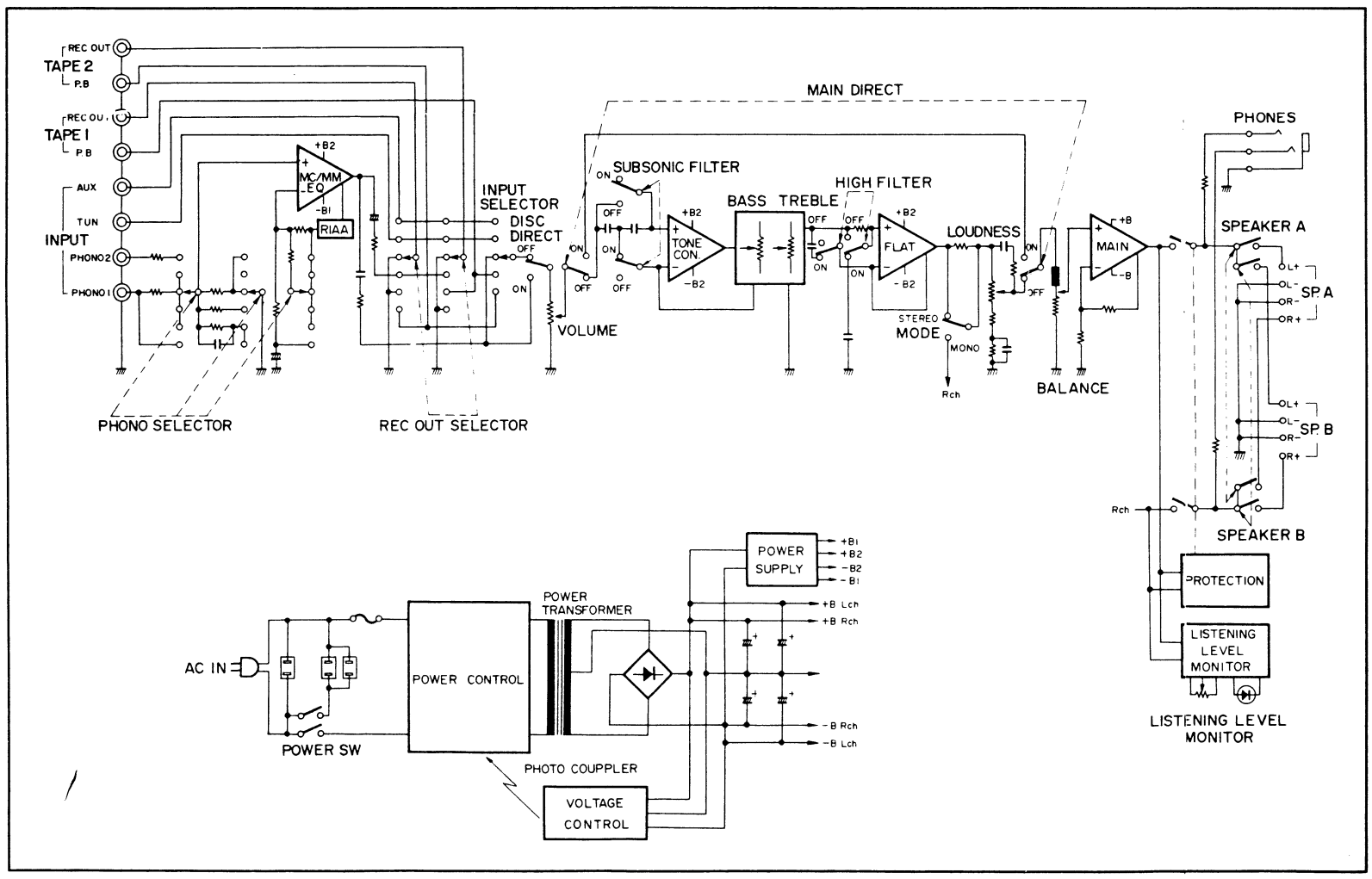
■ ADJUSTING POINTS



▪ Precautions in Adjusting the Control C. Board

1) Since the AC mains is connected directly to the control c. board, be particularly careful against electric shock.
2) Always check voltages by measuring the voltage between the reference measuring point and ground.
3) Use floating inputs for waveform measuring purposes. If the oscilloscope body is grounded, the measuring circuit will be in danger of being short circuited. In this case, however, do not touch the oscilloscope body by hand since the voltage applied to the oscilloscope could possibly result in an electric shock.
4) Check the quality of the TRIAC by monitoring the waveform across R513 (U.S.A. and Canadian models), R516 (other models).

■ BLOCK DIAGRAM



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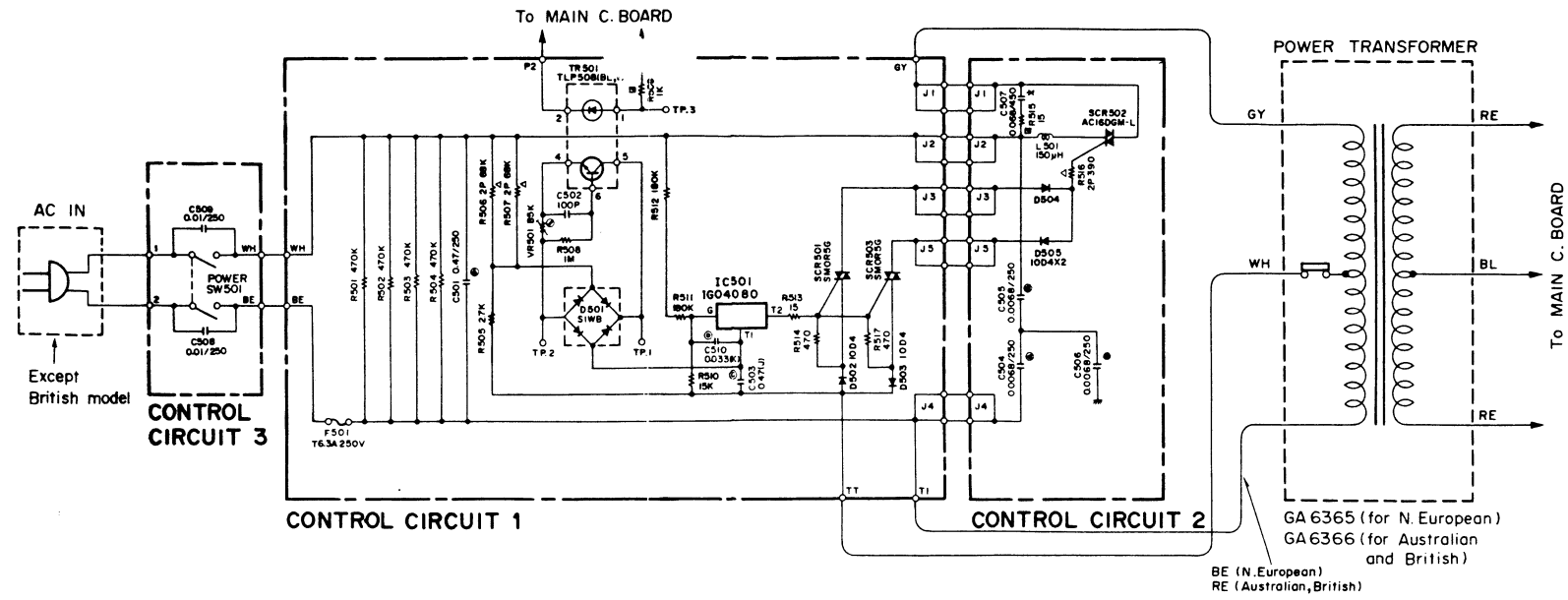
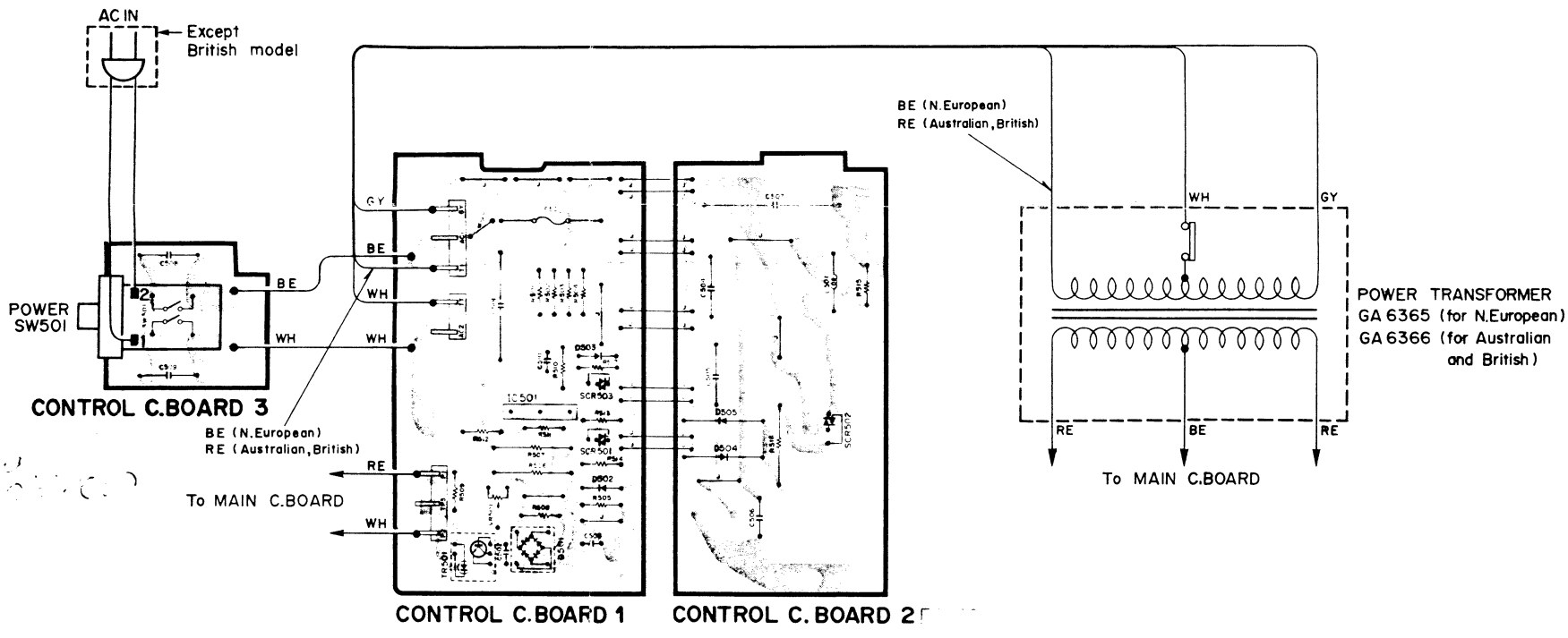
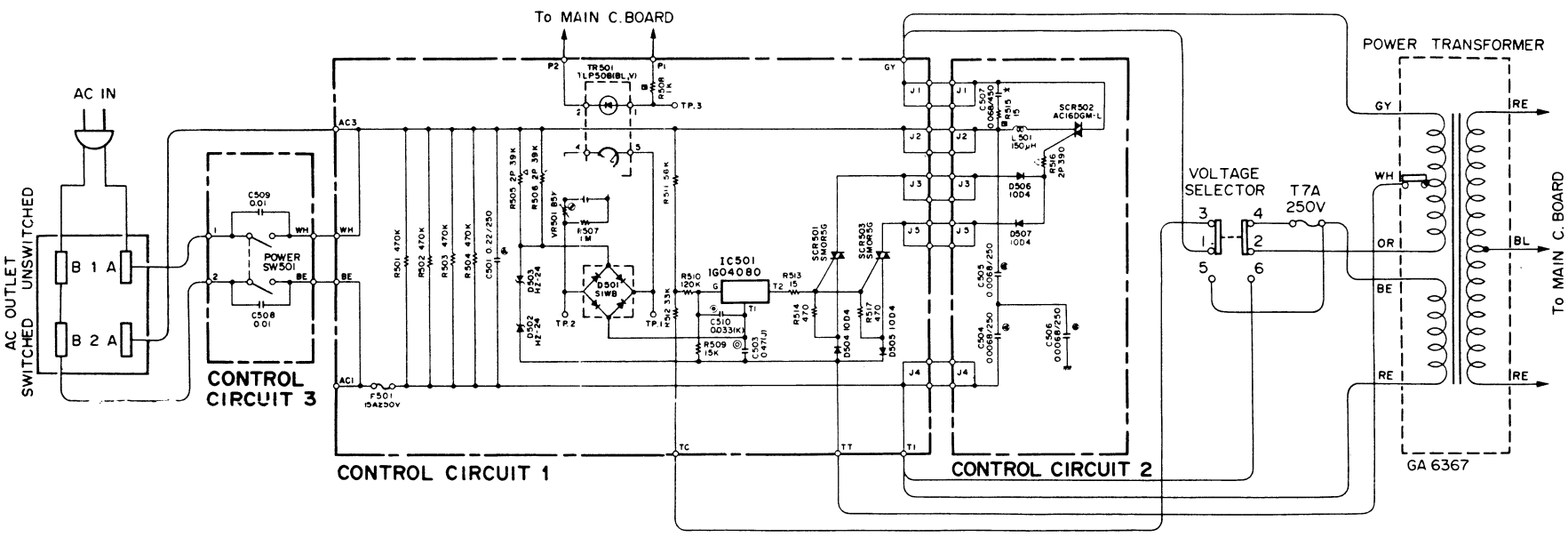
■ POWER PACK FOR EACH DESTINATION

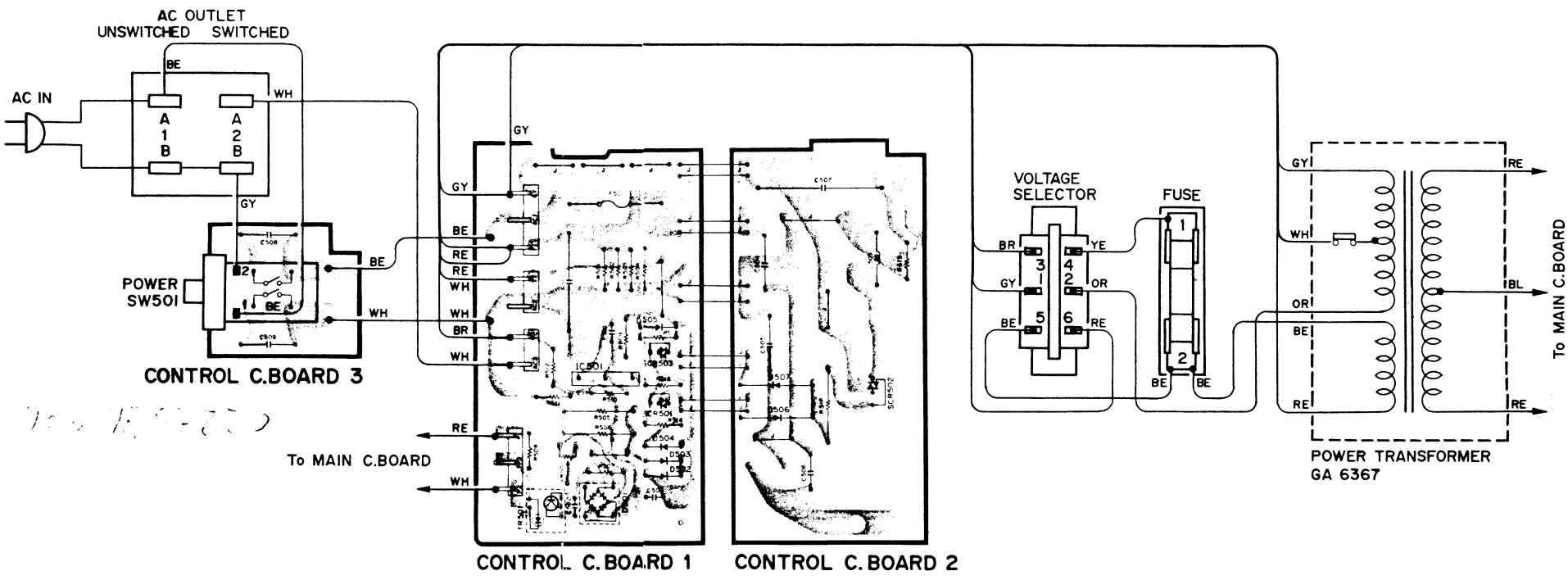
- **North European, Australian and British models**





- **General model**





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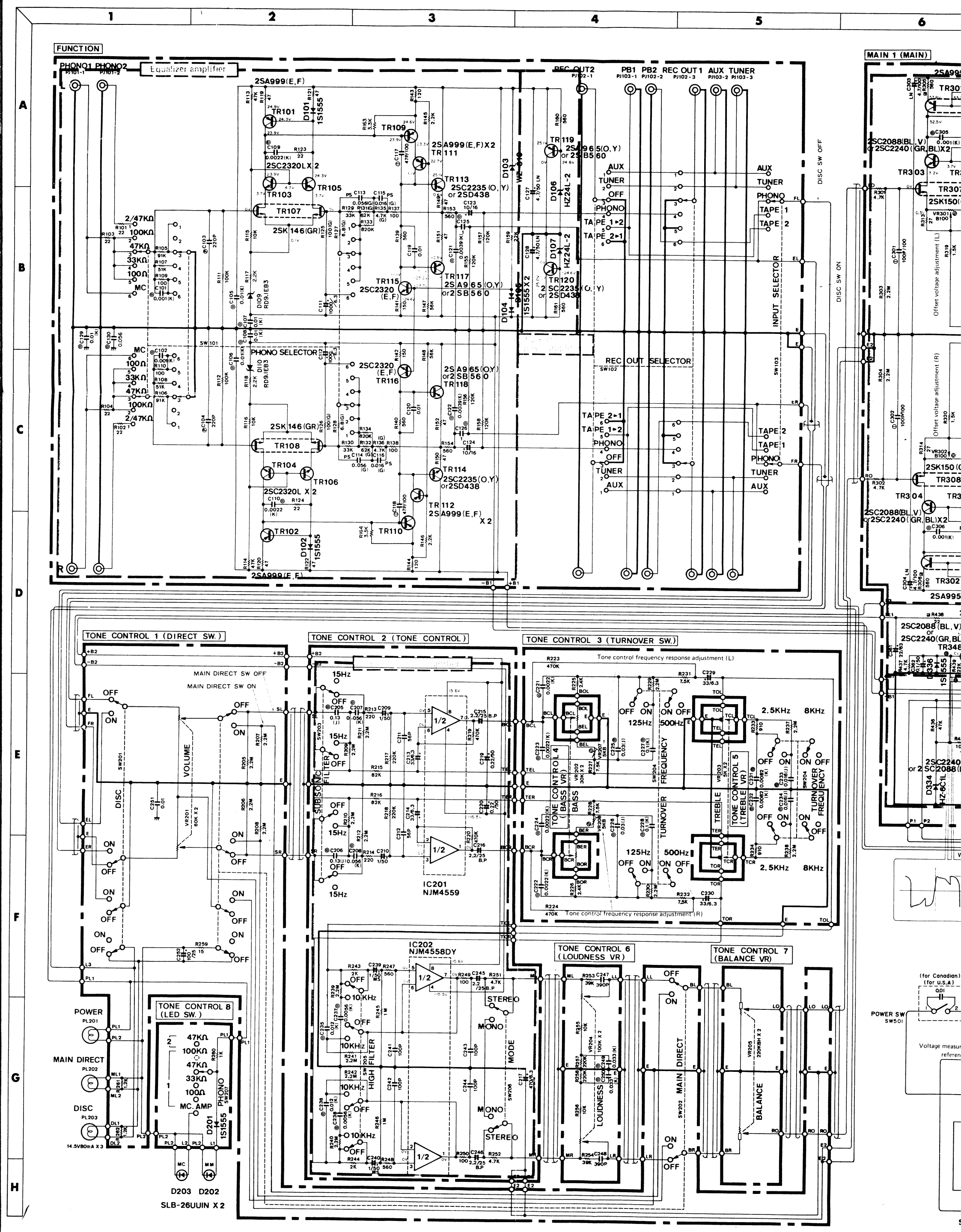
SCHEMATIC DIAGRAM



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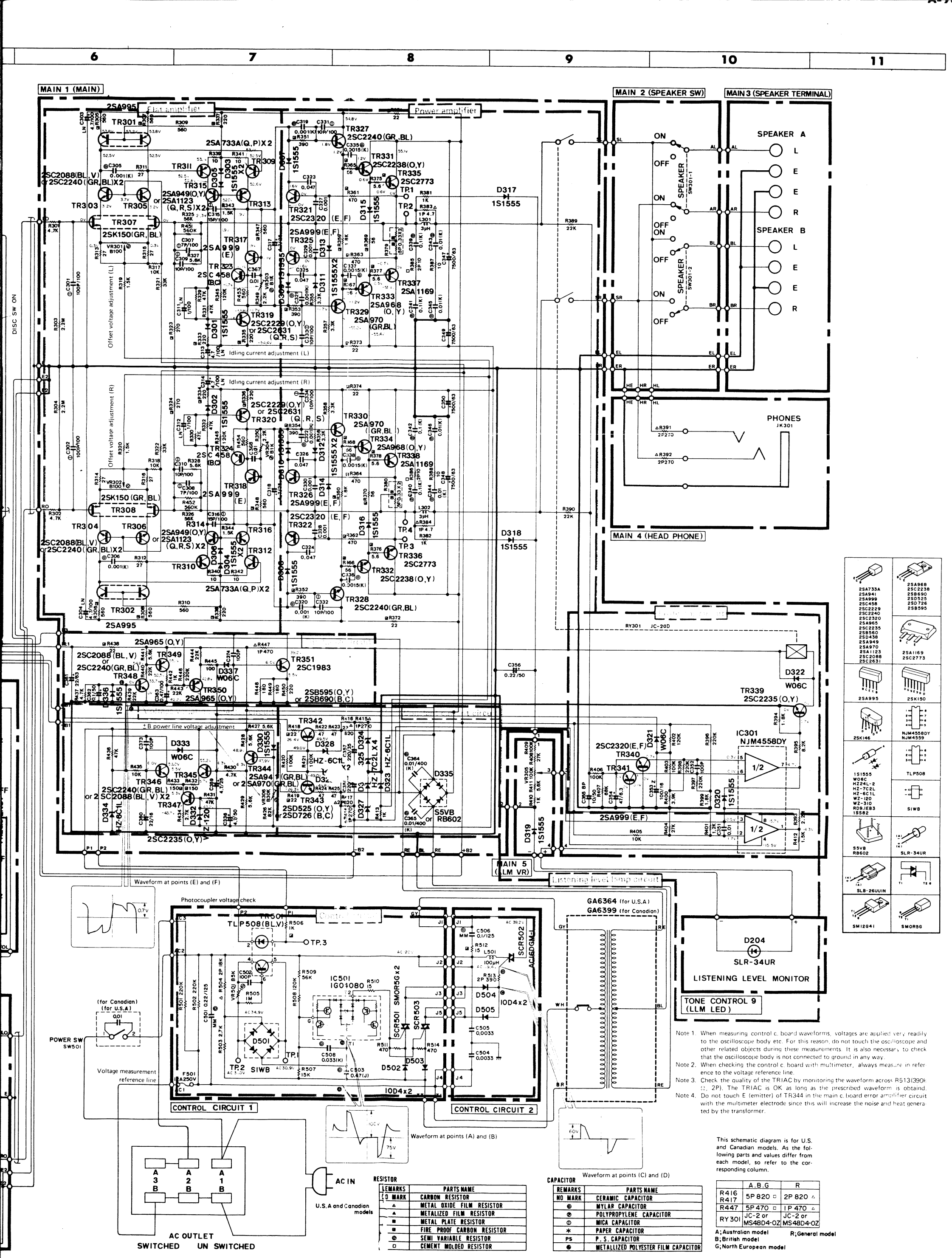

Note 1. When measuring control c. board waveforms, voltages are applied very readily to the oscilloscope body etc. For this reason, do not touch the oscilloscope and other related objects during these measurements. It is also necessary to check that the oscilloscope body is not connected to ground in any way.

Note 2. When checking the control c. board with multimeter, always measure in reference to the voltage reference line.

Note 3. Check the quality of the TRIAC by monitoring the waveform across R513(390k Ω, 2P). The TRIAC is OK as long as the prescribed waveform is obtaind.

Note 4. Do not touch E (emitter) of TR344 in the main c. board error amplifier circuit with the multimeter electrode since this will increase the noise and heat generated by the transformer.

This schematic diagram is for U.S. and Canadian models. As the following parts and values differ from each model, so refer to the corresponding column.

	A.B.G	R
R416 R417	5P 820 □	2P 820 △
R447	5P 470 □	1P 470 △
RY301	JC-2 or MS48D4-OZ	JC-2 or MS48D4-OZ

A; Australian model
B; British model
G; North European model
R; General model

RESISTOR

REMARKS	PARTS NAME
NO MARK	CARBON RESISTOR
△	METAL OXIDE FILM RESISTOR
▲	METALIZED FILM RESISTOR
■	METAL PLATE RESISTOR
▣	FIRE PROOF CARBON RESISTOR
⊘	SEMI VARIABLE RESISTOR
□	CEMENT MOLDED RESISTOR

CAPACITOR

REMARKS	PARTS NAME
NO MARK	CERAMIC CAPACITOR
◎	MYLAR CAPACITOR
⊘	POLYPROPYLENE CAPACITOR
⊙	MICA CAPACITOR
✱	PAPER CAPACITOR
PS	P. S. CAPACITOR
●	METALLIZED POLYESTER FILM CAPACITOR

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PARTS LIST

A-960

STEREO INTEGRATED AMPLIFIER

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Tone Control C. Board **6**

Main C. Board **8**

Control C. Board **12**

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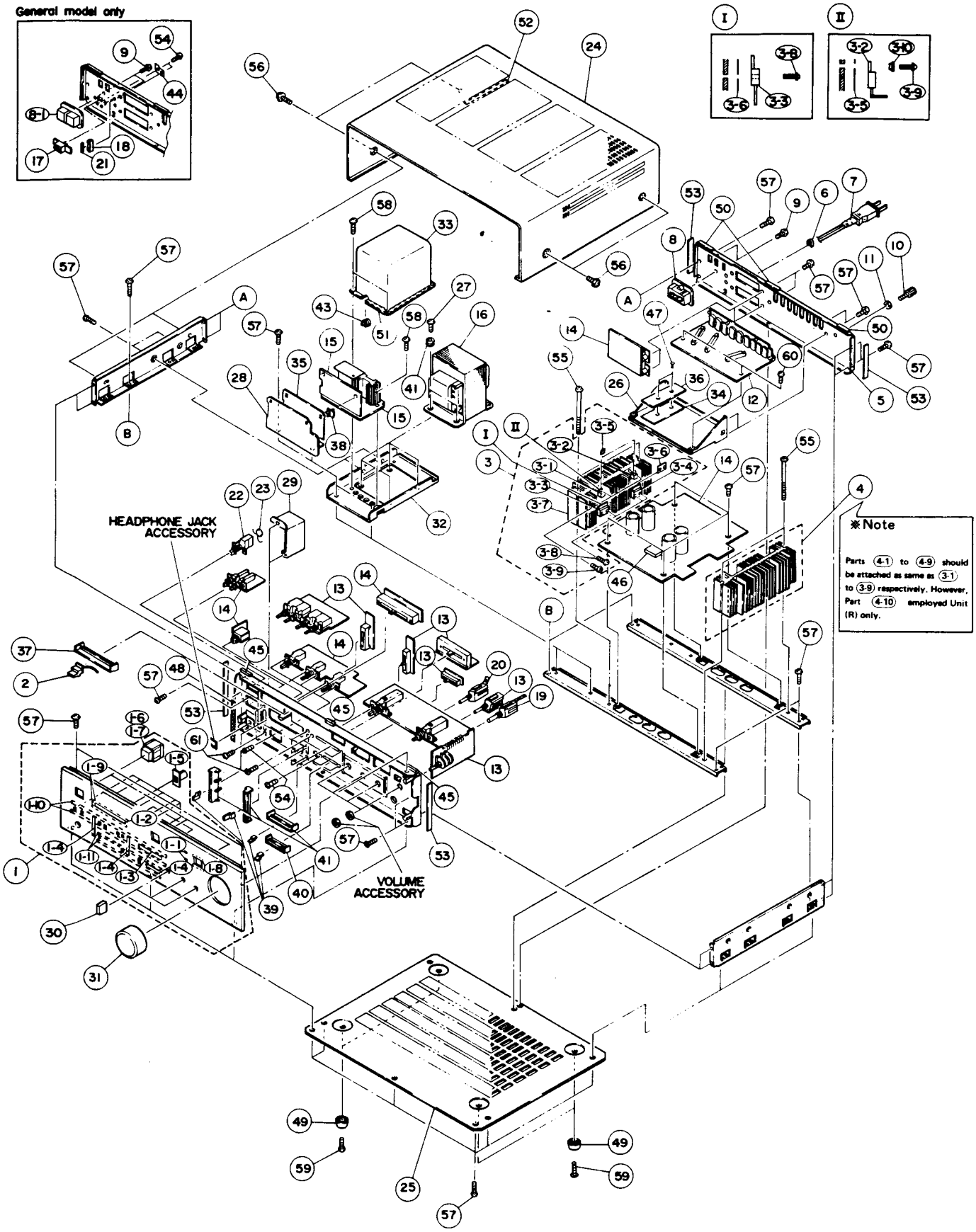
EXPLODED VIEW



■ PARTS LIST (Mechanism)

	Ref. No.	Part No.	Description		(部 品 名)	Remarks	Common model	Markets
※	1	32 00 00 NB 09 90 10	Front Panel Unit		パネルユニット			J
※	〃	32 00 00 NB 09 90 20	〃		〃			R, U, A, G, C, B
	1-1	42 00 00 i F 00 12 40	LED (Orange) SLB-26UU1N		LED角型(オレンジ)			
※	1-2	32 00 00 CB 09 98 70	Frame		スリット枠			
※	1-3	32 00 00 CB 09 98 80	〃		〃			
※	1-4	32 00 00 CB 09 98 90	〃		〃			
	1-5	32 00 00 NB 09 39 20	Push Button Ass'y		プッシュボタンAss'y		CR-640	
	1-6	32 00 00 NB 09 14 30	〃		〃		A-550	
	1-7	32 00 00 NB 09 14 50	〃		〃		A-550	
	1-8	42 00 00 CB 07 41 90	Tape	5×30	ダブルタックテープ			
	1-9	42 00 00 CB 07 41 90	〃	5×95	〃			
	1-10	42 00 00 CB 07 41 90	〃	5×215	〃			
	1-11	42 00 00 CB 07 41 90	〃	5×178	〃			
	2	32 00 00 NB 09 79 40	LED Knob Ass'y		LEDツマミAss'y		A-760	J, R, A, G, C, B
	〃	32 00 00 NB 09 89 00	〃		〃		A-760	U
※	3	32 00 00 NB 09 90 70	Radiator (L) Unit		ラジェター(L)ユニット			J
	〃	32 00 00 NB 09 91 50	〃		〃			R, U, A, G, C, B
※	3-1	42 00 00 i A 09 68 00	Transistor	2SA968 (O,Y)	トランジスタ	Tr333		
	3-2	42 00 00 j C 22 38 00	〃	2SC2238 (O,Y)	〃	Tr331		
※	3-3	42 00 00 i A 11 69 00	〃	2SA1169 (O,Y)	〃	Tr337		
	3-4	42 00 00 i C 27 73 00	〃	2SC2773 (O,Y)	〃	Tr335		
	3-5	42 00 00 i L 00 02 70	Mica Base	AC-229	マイカベース			
※	3-6	42 00 00 i L 00 06 00	〃	MT-200	〃			
	3-7	32 00 00 BA 07 94 50	Heat Sink		放熱板		A-760	J
※	〃	32 00 00 BA 07 95 10	〃		〃			R, U, A, G, C, B
※	3-8	42 00 00 EK 09 50 60	Bind Head Tap-Tyte Screw (B-Tyte)	3×12 (ZMC2-Y)	鉄バインドタップタイトネジ			
	3-9	42 00 00 EK 03 00 30	B.W Head Tapping Screw	2.6×12 (ZMC2-Y)	鉄B.Wヘッドタッピンネジ (2種ミゾナシ)	Flange=φ5.7		
	3-10	32 00 00 CB 07 28 80	Isolation Bush		絶縁ブッシュ			
※	4	32 00 00 NB 09 90 80	Radiator(R) Unit		ラジェター(R)ユニット			J
※	〃	32 00 00 NB 09 91 60	〃		〃			R, U, A, G, C, B
※	4-1	42 00 00 i A 09 68 00	Transistor	2SA968 (O,Y)	トランジスタ	Tr334		
	4-2	42 00 00 i C 22 38 00	〃	2SC2238 (O,Y)	〃	Tr332		
※	4-3	42 00 00 i A 11 69 00	〃	2SA1169 (O,Y)	〃	Tr338		
	4-4	42 00 00 i C 27 73 00	〃	2SC2773 (O,Y)	〃	Tr336		
	4-5	42 00 00 i L 00 02 70	Mica Base	AC-229	マイカベース			
※	4-6	42 00 00 i L 00 06 00	〃	MT-200	〃			
	4-7	42 00 00 BA 07 94 50	Heat Sink		放熱板		A-760	J
※	〃	42 00 00 BA 07 95 10	〃		〃			R, U, A, G, C, B
※	4-8	42 00 00 EK 09 50 60	Bind Head Tap-Tyte Screw (B-Tyte)	3×12 (ZMC2-Y)	鉄バインドタップタイトネジ			
	4-9	42 00 00 EK 03 00 30	B.W Head Tapping Screw	2.6×12 (ZMC2-Y)	鉄B.Wヘッドタッピンネジ (2種ミゾナシ)			
	4-10	42 00 00 i C 19 83 00	Transistor	2SC1983	トランジスタ	Tr351		
	4-11	32 00 00 CB 07 28 80	Isolation Bush		絶縁ブッシュ			
※	5	32 00 00 AA 60 37 10	Rear Panel		リアパネル			J
※	〃	32 00 00 AA 60 37 20	〃		〃			R
※	〃	32 00 00 AA 60 37 30	〃		〃			U, C
※	〃	32 00 00 AA 60 37 40	〃		〃			A, B
※	〃	32 00 00 AA 60 37 50	〃		〃			G
	6	42 00 00 CB 07 27 50	Cord Stopper	SR-4N-4	コードストッパー			
	7	42 00 00 MG 00 06 80	Power Cord (Black) 2.2m 15A 125V		電源コード(クロ)			J
	〃	42 00 00 MG 00 07 80	〃 (〃) 2m,6A,250V		〃			R
	〃	42 00 00 MG 00 08 90	〃 (〃) 2m,13A,125V		〃			U, C

※ : New Part (新部品)

DESTINATION ABBREVIATIONS J;Japan, R;General, U;U.S.A, C;Canadian, B;British, G;North European, A;Australian

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	Ref. No.	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
	7	42 00 00 MG 00 09 10	Power Cord (Black) 2m, 6A, 250V	電源コード(クロ)			G
	〃	42 00 00 MG 00 09 20	〃 (Gray) 2.5m, 7.5A, 250V	〃 (ハイ)			A
	〃	42 00 00 MG 00 10 00	〃 (Black) 2m, 6A300/500V	〃 (クロ)			B
	8	42 00 00 LB 40 06 50	AC Outlet M7013-A	ACアウトレット(2連)			R
	8-1	42 00 00 LB 60 29 80	〃 M7017-A	〃 (3連)			J, U, C
	9	42 00 00 EN 03 00 20	Bind Head Tapping Screw 3×8 (ZMC2-Y)	鉄バインドタッピンネジ	2種ミゾ		
	10	42 00 00 EZ 00 14 00	Screw (for Earth Terminal) ⊕3×13.5 (NFNi-II)	アース端子ネジ			
	11	42 00 00 EW 40 36 50	Sems Flat Washer φ3.6×φ10×t0.8 (FNM3-3g)	鉄セムス平座金			
※	12	32 00 00 NA 07 49 80	Function Circuit Board	ファンクションシート			J, R, A, G, C, B
※	〃	32 00 00 NA 07 49 90	〃	〃			U
※	13	32 00 00 NA 07 50 00	Tone Control Circuit Board	トーンコントロールシート			J, R, A, G, C, B
※	〃	32 00 00 NA 07 50 10	〃	〃			U
※	14	32 00 00 NA 07 50 20	Main Circuit Board	メインシート			J
※	〃	32 00 00 NA 07 50 30	〃	〃			R
※	〃	32 00 00 NA 07 50 40	〃	〃			U, C
※	〃	32 00 00 NA 07 50 50	〃	〃			A, G, B
	15	32 00 00 NA 07 49 50	Control Circuit Board	制御シート		A-760	J
	〃	32 00 00 NA 07 60 90	〃	〃			A, G, B
	〃	32 00 00 NA 07 60 80	〃	〃			U, C
※	〃	32 00 00 NA 07 61 00	〃	〃			R
※	16	42 00 00 GA 63 63 00	Power Transformer	電源トランス			J
※	〃	42 00 00 GA 63 64 10	〃	〃			U
※	〃	42 00 00 GA 63 65 10	→ 〃 GF 636520	〃			G
※	〃	42 00 00 GA 63 66 10	〃	〃			A, B
※	〃	42 00 00 GA 63 99 20	〃	〃			C
※	〃	42 00 00 GA 63 67 10	→ 〃 GF 636720	〃			R
	17	42 00 00 KA 40 07 40	Slide Switch (Voltage selector)	スライドSW		A-760	R
	18	42 00 00 LB 20 13 00	Fuse Holder	ヒューズホルダー			R
※	19	42 00 00 KA 90 16 30	Remote Rotary Switch (操作＋ワイヤー部)	リモートロータリーSW (IN PUT)	5接点用 ℓ＝225		
	20	42 00 00 KA 90 16 40	〃	リモートロータリーSW (REC OUT)	6接点用 ℓ＝210	A-760	
	21	42 00 00 KB 00 13 00	Fuse T7A 250V	ヒューズタイラッシュ			R
	22	42 00 00 KA ~~80 23 10~~	~~Push Switch SDV3P 5A 125A~~	プッシュSW		A-760	J
	〃	42 00 00 KA ~~80 23 20~~	〃 TV-5 Power	〃 ~~(NA077830) nur Ersatz/Notfine~~			R, U, A, G, C, B
	23	42 00 00 Fi 16 41 00	Cermic Capactor 150V ACE (P) 0.01	セラコン		A-760	J
	〃	42 00 00 Fi 34 41 00	〃 MY (DE) 0.01	〃			R, U, A, G, C, B
※	24	32 00 00 AA 60 36 90	Top Cover (Silver)	トップカバー			J
※	〃	32 00 00 AA 60 50 30	〃 (Black)	〃			R, U, A, G, C, B
	25	32 00 00 AA 60 36 20	Bottom Cover	ボトムカバー		A-760	
	26	32 00 00 AA 60 36 50	P.C.B Holder	シートホルダー		A-760	
	27	32 00 00 AA 60 38 50	Screw with steps	段付ネジ			
	28	32 00 00 AA 60 41 90	CS Holder	CSホルダー			
※	29	32 00 00 AA 60 50 00	Plate. Shiled	シールド板			
	30	32 00 00 BA 07 94 60	Switch Knob	SWツマミ		A-760	
※	31	32 00 00 BA 07 95 20	Knob	ツマミ			
	32	32 00 00 BA 07 96 40	Holder Transformer	トランスホルダー		A-760	
※	33	32 00 00 BA 07 96 50	Cover, Transformer	トランスカバー			J, R, A, G, B
※	〃	32 00 00 BA 07 99 00	〃	〃			U, C
※	34	32 00 00 BA 08 02 90	Plate. Shiled	シールド板			
	35	42 00 00 CB 60 24 30	Isolation Plate	絶縁板		A-760	
※	36	42 00 00 CB 60 23 20	Insulater	バリヤ			
	37	32 00 00 CB 09 97 40	Slit Cover	スリットカバー		A-760	
	38	32 00 00 CB 09 98 30	P.C Support	P.Cサポート		A-760	

※：New Part (新部品)

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	Ref. No.	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
※	39	32 00 00 CB 09 98 40	Knob, Slide	スライドツマミ			
※	40	32 00 00 CB 09 98 50	Cover, Slit	スリットカバー			
※	41	32 00 00 CB 09 98 60	〃	〃			
	42	32 00 00 CB 09 99 10	Rubber, Antivibration	防振ゴム		A-760	
	43	32 00 00 CB 60 05 70	Bush	リードブッシュ		A-760	
	44	32 00 00 CB 60 14 40	Stopper, V.S	VSストッパー			R
※	45	32 00 00 CB 60 15 20	Rubber, Cushion	トップカバー受けゴム			
	46	32 00 00 CB 60 21 80	Spacer	スペーサー			
	47	42 00 00 CB 06 88 80	Plastic Rivet	プラスチックリベット			
	48	42 00 00 CB 09 31 90	Tape	シャコーテープ		CA-810	
	49	42 00 00 CB 09 86 00	Leg	脚			
	50	42 00 00 CB 09 98 10	Rubber, Antivibration	防振ゴム		A-760	
	51	42 00 00 CB 60 05 60	Cover Packing	カバーパッキン			
	52	42 00 00 CB 60 05 80	Tape, Antivibration	防振テープ			
※	53	42 00 00 CB 60 14 60	Damper	ダンパー			
	54	42 00 00 ED 03 00 60	Bind Head Screw 3×6 (ZMC2-Y)	鉄バインド小ネジ			
	55	42 00 00 EA 04 07 50	Pan Head Screw 4×75 (〃)	鉄ナベ小ネジ			J
	〃	42 00 00 EK 06 50 40	B.W Head Screw 4×97 (〃)	鉄BWヘッド小ネジ			R, U, A, G, C, B
	56	42 00 00 EK 13 00 20	〃 4×8 (FNM3-3g)	〃			J
	〃	42 00 00 EK 36 50 40	〃 4×8 (FCM3-BI)	〃			R, U, A, G, C, B
	57	42 00 00 EN 33 00 20	Bind Head Tapping Screw 3×8 (ZMC2-Y)	鉄バインドタッピンネジ	2種ミゾ		
	58	42 00 00 EN 33 00 10	Bind Head Tapping Screw 3×8 (ZMC2-BI)	〃	〃		
	59	42 00 00 EN 02 00 40	〃 3×12 (ZMC2-Y)	〃	〃		
	60	42 00 00 EK 93 00 10	B.W Head Tapping Screw 3×8 (ZMC2-Y)	鉄B.Wヘッドタッピンネジ	座径φ10		
	61	42 00 00 ED 02 00 50	Bind Head Screw 2×5 (ZMC2-Y)	鉄バインド小ネジ			
※		32 00 00 MZ 07 94 30	Connector (Tone.C.Board) Ass'y	トーンコントロールコネクターAss'y			
		42 00 00 BB 00 44 30	Connector Pin 2.5Pitch (SHF-001T-08CS)	2.5ピッチコンタクトピン			
		42 00 00 LB 20 13 80	Housing 2.5Pitch (H2P-SHF)	2.5ピッチハウジング			
		42 00 00 CB 07 78 70	Shield Cap 324332	シールドキャップ			
		42 00 00 CB 08 74 30	〃 313525	〃			
※		32 00 00 MZ 07 94 50	Connector (Function) Ass'y	ファンクションコネクターAss'y			
		42 00 00 BB 00 44 30	Connector Pin 2.5Pitch (SHF-001T-08CS)	2.5ピッチコンタクトピン			
		42 00 00 LB 30 07 20	Housing 2.5Pitch (H3P-SHF)	2.5ピッチハウジング			
		42 00 00 CB 07 78 70	Shield Cap 324332	シールドキャップ			
※		32 00 00 MZ 07 94 60	Connector (Main) Ass'y	メインコネクターAss'y			
		42 00 00 BB 00 44 30	Connector Pin 2.5Pitch (SHF-001T-08CS)	2.5ピッチコンタクトピン			
		42 00 00 LB 20 13 80	Housing 2.5Pitch (H2P-SHF)	2.5ピッチハウジング			
		42 00 00 LB 30 07 20	〃 (H3P-SHF)	〃			
		42 00 00 LB 40 05 60	〃 (H4P-SHF)	〃			
		42 00 00 CB 07 78 70	Shield Cap 324332	シールドキャップ			
		32 00 00 NB 07 62 40	Accessories Assembly	付属品Ass'y		A-760	
		42 00 00 TX 90 07 80	Hexagonal Wrench 1.5φ	六角レンチ 1.5φ			

※ : New Part (新部品)

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A-960 ■ PARTS LIST (Circuit Board)

	Ref. No.	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
※		32 00 00 NA 07 49 80	Function Circuit Board	ファンクションシート			J,R,A,G,C,B
※		32 00 00 NA 07 49 90	〃	〃			U
	C101 C102	42 00 00 FA 11 31 00	Mylar Capacitor 0.001μF 50V MS (K)	マイラーコン			
※	C103 C104	42 00 00 FT 51 22 20	Polypropylene Film Capacitor 220PF 50V(K)	ポリプロコン			
	C105 ~108	42 00 00 FA 11 41 00	Mylar Capacitor 0.01μF 50V MS(K)	マイラーコン			
	C109 C110	42 00 00 FA 11 32 20	〃 0.0022μF 〃	〃			
	C111 C112	42 00 00 UW 81 91 00	Electrolytic Capacitor 1000μF 6.3V	ケミコン小形自立形			
※	C113 C114	42 00 00 FT 76 45 60	Polypropylene Film Capacitor 0.056μF 50V (G)	ポリプロコン自立形			
※	C115 C116	42 00 00 FT 76 41 60	〃 0.016μF 〃	〃			
	C117 C118	42 00 00 FU 35 14 70	Mica Capacitor 47PF FE100V (J)	マイカコン			
	C119 C120	42 00 00 FG 54 41 00	Ceramic Capacitor 0.01μF 50V F (Z)	フォーミングセラコン			
	C121 C122	42 00 00 FA 11 33 90	Mylar Capacitor 0.0039μF 50V MS (K)	マイラーコン			
	C123 C124	42 00 00 UW 83 71 00	Electrolytic Capacitor 10μF 16V	ケミコン小形自立形			
※	C125 C126	42 00 00 UA 55 61 00	Mylar Capacitor 1μF 50V	マイラーコン			
	C127 C128	42 00 00 FV 26 72 20	Electrolytic Capacitor 22μF 50V LNG UKN(M)	ケミコンLNG			
	C129	42 00 00 FA 11 41 00	Mylar Capacitor 0.01μF 50V MS (K)	マイラーコン			
	C130	42 00 00 FA 11 45 60	〃 0.056μF 50V (K)	〃			
	R101 ~104	42 00 00 HJ 35 42 20	Carbon Resistor RD25, SM-8 22Ω	カーボン抵抗			
	R105 R106	42 00 00 HJ 35 79 10	〃 91KΩ	〃			
	R107 R108	42 00 00 HJ 35 75 10	〃 51KΩ	〃			
	R109 R110	42 00 00 HJ 35 51 00	〃 100Ω	〃			
	R111 R112	42 00 00 HJ 35 81 00	〃 100KΩ	〃			
	R113 R114	42 00 00 HJ 35 74 70	〃 47KΩ	〃			
	R115 R116	42 00 00 HJ 35 71 00	〃 10KΩ	〃			
	R117 R118	42 00 00 HN 75 62 20	〃 2.2KΩ	〃			
	R119 ~122	42 00 00 HJ 35 44 70	〃 47Ω	〃			
	R113 R124	42 00 00 HJ 35 42 20	〃 22Ω	〃			
	R115 R126	42 00 00 HN 76 51 00	〃 100Ω	〃			
※	R127 R128	42 00 00 HN 76 36 80	〃 6.8Ω	〃			
	R129 R130	42 00 00 HJ 35 73 30	〃 33KΩ	〃			
※	R131 R132	42 00 00 HN 76 76 20	〃 62KΩ	〃			
	R133 R134	42 00 00 HJ 35 88 20	〃 820KΩ	〃			
※	R135 R136	42 00 00 HN 76 64 70	〃 4.7KΩ	〃			
	R137 R138	42 00 00 HJ 35 51 00	〃 100Ω	〃			
	R139 R140	42 00 00 HJ 35 55 60	〃 560Ω	〃			
	R141 R142	42 00 00 HJ 35 51 50	〃 150Ω	〃			
	R143 R144	42 00 00 HJ 35 51 20	〃 120Ω	〃			
	R145 R146	42 00 00 HJ 35 62 20	〃 2.2KΩ	〃			
	R147 R148	42 00 00 HJ 35 75 60	〃 56KΩ	〃			
	R149 ~152	42 00 00 HJ 35 44 70	〃 47Ω	〃			
	R153 R154	42 00 00 HJ 35 55 60	〃 560Ω	〃			
	R155 ~158	42 00 00 HJ 35 81 20	〃 120KΩ	〃			
	R159	42 00 00 HJ 35 72 20	〃 22KΩ	〃			
	R160 R161	42 00 00 HJ 35 55 60	〃 560Ω	〃			
	R163 R164	42 00 00 HN 75 63 30	Carbon Resistor RD25UC (J) 3.3KΩ	カーボン抵抗			
	Tr101 Tr102	42 00 00 i A 09 99 10	Transistor 2SA999 (E,F)	トランジスタ			
	Tr103 ~ 106	42 00 00 i C 23 20 30	〃 2SC2320L	〃			
	Tr107 Tr108	42 00 00 i E 10 22 40	Dual FET 2SK146 (GR,BL,V)	デュアルFET			
	Tr109 ~ 112	42 00 00 i A 09 99 10	Transistor 2SA999 (E,F)	トランジスタ			

※ : New Part (新部品)

	Ref. No.	Part No.	Description		(部 品 名)	Remarks	Common model	Markets
	Tr113 ~114	42 00 00 i C 22 35 00	Transistor	2SC2235 (O,Y)	トランジスタ	Inter-changeable (併用)		
	〃	42 00 00 i D 04 38 00	〃	2SD438	〃			
	Tr115 Tr116	42 00 00 i C 23 20 10	〃	2SC2320 (E,F)	〃			
	Tr117 ~119	42 00 00 i A 09 65 00	〃	2SA965 (O,Y)	〃	Inter-changeable (併用)		
	〃	42 00 00 i B 05 60 00	〃	2SB560	〃			
	Tr120	42 00 00 i C 22 35 00	〃	2SC2235 (O,Y)	〃	Inter-changeable (併用)		
	〃	42 00 00 i D 04 38 00	〃	2SD438	〃			
	D101 D102	42 00 00 i F 00 00 40	Diode	IS1555	ダイオード			
	D103	42 00 00 i F 00 02 20	Zener Diode	WZ-310	ツェナーダイオード			
	D104 D105	42 00 00 i F 00 00 40	Diode	IS1555	ダイオード			
※	D106 D107	42 00 00 i F 00 20 90	Zener Diode	HZ24L-2	ツェナーダイオード			
※	D109 D110	42 00 00 i F 00 16 80	Zener Diode	RD9.1EB3	ツェナーダイオード			
※	SW101	42 00 00 KA 90 16 09	Remote Rotary Switch Phono Selec.		リモートロータリーSW	SW部 S6回路6接点		
	SW102 SW103	42 00 00 KA 90 12 30	Rec "out / Input Selec.		〃	SW部 NS4回路6接点		
	PJ101	42 00 00 LB 40 06 60	4P Pin Jack Cinch-Buchse		4Pピンジャック Phono Eingang			
	PJ102 PJ103	42 00 00 LB 60 19 30	6P Pin Jack Cinch-Buchse		6Pピンジャック			
		42 00 00 LB 20 13 90	Base Pin 2.5 Picth 2P B2P-SHF		2.5ピッチベースピン			
※		32 00 00 AA 60 37 60	Shield Plate		シールド板			
※		32 00 00 NA 07 50 00	Tone Control Circuit Board		トーンコントロールシート			J, R, A, G, C, B
※		32 00 00 NA 07 50 10	〃		〃			U
※	C205 C206	42 00 00 FA 45 51 30	Mylar Capacitor 0.13μF 50V MS(J)		マイラーコン			
	C207 C208	42 00 00 FA 41 45 60	〃	0.056μF 50V MS(K)	〃			
	C209 C210	42 00 00 UW 86 61 00	Electrolytic Capacitor 1μF 50V		ケミコン小形自立形			
	C211 C212	42 00 00 FG 51 15 60	Ceramic Capacitor 56PF 50V SL(K)		フォーミングセラコン			
	C213 C214	42 00 00 UW 81 73 30	Electrolytic Capacitor 33μF 6.3V		ケミコン小形自立形			
	C215 C216	42 00 00 FM 22 62 20	〃	2.2μF 25V	ケミコン			
	C217	42 00 00 UW 81 84 70	Electrolytic Capacitor 470μF 6.3V		ケミコン小形自立形			
	C219 C220	42 00 00 UW 56 52 20	Electrolytic Capacitor 470μF 6.3V		ケミコン小形自立形			
	C221 ~224	42 00 00 FA 41 32 20	Mylar Capacitor 0.0022μF 50V MS(K)		マイラーコン			
※	C225 C226	42 00 00 FA 45 43 00	〃	0.03μF 50V MS(J)	〃			
	C227 C228	42 00 00 FA 41 51 00	〃	0.1μF 50V MS(K)	〃			
	C229 C230	42 00 00 UW 81 73 30	Electrolytic Capacitor 33μF 6.3V		ケミコン小形自立形			
	C231 C232	42 00 00 FA 41 38 20	Mylar Capacitor 0.0082μF 50V MS(K)		マイラーコン			
※	C233 C234	42 00 00 FA 45 41 60	〃	0.016μF 50V MS(J)	〃			
	C235 C236	42 00 00 FA 41 41 20	〃	0.012μF 50V MS(K)	〃			
	C237 C238	42 00 00 FA 41 35 60	〃	0.0056μF 〃	〃			
	C239 C240	42 00 00 FZ 00 05 70	Electrolytie Capacitor MS 1μF 50V		ケミコンMS			
	C241 ~244	42 00 00 FG 51 21 00	Ceramic Capacitor 100PF 50V SL(K)		フォーミングセラコン			
	C245 C246	42 00 00 FM 22 62 20	Electrolytic Capacitor 2.2μF 25V		ケミコン			
※	C247 C248	42 00 00 FG 51 23 90	Ceramic Capacitor 390PF 50V SL (K)		フォーミングセラコン			
	C249 C250	42 00 00 FA 41 43 30	Mylar Capacitor 0.033μF 50V MS(K)		マイラーコン			
	C251	42 00 00 FG 54 41 00	Ceramic Capacitor 0.01μF 50V F(Z)		フォーミングセラコン			
	C252	42 00 00 UW 84 81 00	Electrolytic Capacitor 100μF 25V		ケミコン小形自立形			

※ : New Part (新部品)

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	Ref. No.	Part No.	Description	(部品名)	Remarks	Common model	Markets
	R205 ~212	42 00 00 HJ 35 92 20	Carbon Resistor RD25. SM-8 2.2MΩ	カーボン抵抗			
	R213 R214	42 00 00 HJ 35 52 20	〃 220Ω	〃			
	R215 R216	42 00 00 HJ 35 78 20	〃 82KΩ	〃			
	R217 R218	42 00 00 HJ 35 82 20	〃 220KΩ	〃			
	R219 R220	42 00 00 HJ 35 84 70	〃 470KΩ	〃			
	R223 R224	42 00 00 HJ 35 84 70	〃 470KΩ	〃			
	R225 R226	42 00 00 HJ 35 62 40	〃 2.4KΩ	〃			
	R227 R228	42 00 00 HJ 35 67 50	〃 7.5KΩ	〃			
	R229 R230	42 00 00 HJ 35 92 20	〃 2.2MΩ	〃			
	R231 R232	42 00 00 HJ 35 67 50	〃 7.5KΩ	〃			
	R233 R234	42 00 00 HJ 35 59 10	〃 910Ω	〃			
	R237 ~242	42 00 00 HJ 35 92 20	〃 2.2MΩ	〃			
	R243 R244	42 00 00 HJ 35 62 20	〃 2KΩ	〃			
	R245 R246	42 00 00 HJ 35 91 00	〃 1MΩ	〃			
	R247 R248	42 00 00 HJ 35 55 60	〃 560Ω	〃			
	R249 R250	42 00 00 HJ 35 51 00	〃 100Ω	〃			
	R251 R252	42 00 00 HJ 35 64 70	〃 4.7KΩ	〃			
	R253 R254	42 00 00 HJ 35 73 90	〃 39KΩ	〃			
	R255 R256	42 00 00 HJ 35 71 00	〃 10KΩ	〃			
	R257 R258	42 00 00 HJ 35 82 20	〃 220KΩ	〃			
	R259	42 00 00 HJ 35 41 50	〃 15Ω	〃			
	R260	42 00 00 HJ 35 61 00	〃 1KΩ	〃			
	R261 R262	42 00 00 HJ 35 61 20	〃 1.2KΩ	〃			
		661					
※	VR201	42 00 00 HS 32 06 ~~60~~	Variable Resistor φ24 60KΩ×2	メインVR 24 1軸2連	Volume		
※	VR202	42 00 00 HQ 42 02 10	Slide Variable Resistor 30KΩ×2	スライドVR	30mm		
※	VR203	42 00 00 HQ 42 02 20	〃 5KΩ×2	〃	〃 Treble		
※	VR204	42 00 00 HQ 41 00 50	〃 100KΩ×2	タテ型スライドVR	45mm Loudness		
※	VR205	42 00 00 HQ 42 01 20	〃 220KBH×2	スライドVR	30mm Balance		
	VR207 VR208	42 00 00 HT 37 00 50	Semi Variable Resistor EVN-K4A B5K	半固定VR	Inter-changeable (併用)		
※	〃	42 00 00 HT 77 00 50	〃 KVSF8-7PNF B5K	〃			
	D204	IF 00 1890					
	D201	42 00 00 i F 00 00 40	Diode IS1555	ダイオード			
	D202/203	IF 00 1240					
	IC201	42 00 00 i G 03 96 00	IC NJM4559	IC			
	IC202	42 00 00 i G 02 84 00	〃 NJM4558DY	〃			
	PL201 ~203	42 00 00 JB 00 06 80	Pilot Lamp Lead Type 80mA 14.5V	パイロットランプリード式			
	SW201	42 00 00 KA 80 16 90	Push Switch Disc (4 Circuit)	プッシュSW 単連NS		A-760	
※	SW202	42 00 00 KA 80 17 40	Main Direct (6 Circuit)	〃 〃			
	SW203	42 00 00 KA 80 16 90	〃 (4 Circuit)	〃 〃	Inter-changeable (併用)	A-760	
	〃	42 00 00 KA 80 08 70	〃 SUF14 (〃)	〃 〃			
※	SW204	42 00 00 KA 80 17 10	〃 (2 Circuit)	〃 4連 2連動NS			
※	〃	42 00 00 KA 80 22 40	〃 (〃)	〃 〃			
	SW205	42 00 00 KA 80 16 90	(Stereo-Mono) (4 Circuit)	〃 単連NS		A-760	
	〃	42 00 00 KA 80 08 70	〃 SUF14 (〃)	〃 〃			
※	SW206	42 00 00 KA 80 17 20	(High-Filter) (2 Circuit)	〃 〃			
※	〃	42 00 00 KA 80 22 30	〃 (〃)	〃 〃			

※ : New Part (新部品)

	Ref. No.	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
※	SW207	42 00 00 KA 90 16 10	Remote Rotary Switch	リモートロータリーSW	操作部 ℓ = 200 ワイヤー部SW付		
		42 00 00 LB 20 13 90	2.5Pitch Base Pin THB2P-SHF	2.5ピッチベースピン			
		42 00 00 LB 30 07 30	〃 TEB3P-SHF	〃			
		42 00 00 LB 40 05 70	〃 TEB4P-SHF	〃			
		42 00 00 LA 00 21 10	Wrapping Pin i Type P=5 2P	i型ラッピング端子板			
※		32 00 00 NA 07 50 20	Main Circuit Board	メインシート			J
※		32 00 00 NA 07 50 30	〃	〃			R
※		32 00 00 NA 07 50 40	〃	〃			U, C
※		32 00 00 NA 07 50 50	〃	〃			A, G, B
	C301 C302	42 00 00 FU 35 21 00	Mica Capacitor 100PF FE100V (J)	マイカコン			
	C303 C304	42 00 00 FV 29 64 70	Electrolytic Capacitor LNG 4.7μF 100V UKN (M)	ケミコンLNG UKN(M)			
	C305 C306	42 00 00 FA 11 31 00	Mylar Capacitor 0.001μF 50V MS (K)	マイラーコン			
	C307 C308	42 00 00 FU 35 07 00	Mica Capacitor 7PF FE 100V (d)	マイカコン			
	C309 C310	42 00 00 FU 35 11 00	〃 10PF 〃	〃			
	C311 C312	42 00 00 FV 29 61 00	Electrolytic Capacitor LNG 1μF 100V UKN (M)	ケミコンLNG UKN(M)			
	C313 C314	42 00 00 FV 29 64 70	〃 4.7μF 100V	〃			
	C315 C316	42 00 00 FU 35 11 50	Mica Capacitor 15PF FE 100V (J)	マイカコン			
	C317 C318	42 00 00 UW 84 64 70	Electrolytic Capacitor 4.7μF 25V	ケミコン小形自立形			
	C319 ~322	42 00 00 FA 11 31 00	Mylar Capacitor 0.001μF 50V MS (K)	マイラーコン			
	C323 ~326	42 00 00 FG 54 44 70	Ceramic Capacitor 0.047μF 50V F (Z)	フォーミングセラコン			
	C327 ~330	42 00 00 FG 51 31 00	〃 0.001μF 〃 B(K)	〃			
	C331 ~334	42 00 00 FU 35 11 00	Mica Capacitor 10PF FE100V (J)	マイカコン			
	C335 ~338	42 00 00 FA 11 31 50	Mylar Capacitor 0.0015μF 50V MS (K)	マイラーコン			
	C339 ~342	42 00 00 FA 11 51 00	〃 0.1μF 〃	〃			
	C343 ~346	42 00 00 FA 11 41 00	〃 0.01μF 〃	〃			
※	C347 ~350	42 00 00 FM 93 97 50	Electrolytic Capacitor 7.500μF 63V	ブロックケミコン	Inter-changeable (併用)		
※	〃	42 00 00 FM 94 97 50	〃	〃			
	C351	42 00 00 FG 54 41 00	Ceramic Capacitor 0.01μF 50V F(Z)	フォーミングセラコン			
	C352	42 00 00 FG 51 21 00	〃 100PF 50V SL(K)	〃			
	C353	42 00 00 FM 39 81 00	Electrolytic Capacitor 100μF 16V	Zコン			
	C354	42 00 00 UW 81 74 70	〃 47μF 6.3V	ケミコン小形自立形			
	C355	42 00 00 FM 11 71 00	〃 10μF 50V	B·Pコン			
	C356	42 00 00 UW 56 52 20	〃 0.22μF 50V	ケミコン小形自立形			
	C357 C358	42 00 00 UW 85 82 20	〃 220μF 35V	〃			
	C359	42 00 00 UW 84 64 70	〃 4.7μF 25V	〃			
	C360	42 00 00 UW 83 72 20	〃 22μF 16V	〃			
※	C361	42 00 00 UW 67 72 20	〃 22μF 63V	〃			
※	C362	42 00 00 UW 56 51 00	〃 0.1μF 50V	〃			
※	C363	42 00 00 UW 69 54 70	〃 0.47μF 100V	〃			
	C364 C365	42 00 00 FC 04 41 00	Mylar Capacitor 0.01μF 400V MS (K)	マイラーコン			
※	C366	42 00 00 UW 56 64 70	Electrolytic Capacitor 4.7μF 50V	ケミコン小形自立形			
	C367 C368	42 00 00 FG 54 41 00	Ceramic Capacitor 0.01μF 50V F (Z)	フォーミングセラコン			
	C369 ~372	42 00 00 FC 10 61 00	Mylar Capacitor, MM 1μF 100V	MMコン			
	C373 C374	42 00 00 FG 51 21 00	Ceramic Capacitor 100PF 50V SL (K)	フォーミングセラコン			
	L301 L302	42 00 00 GD 90 02 80	Spring Coil 3μH	スプリングコイル			
	R301 R302	42 00 00 HJ 35 64 70	Carbon Resistor RD25, SM-8 4.7KΩ	カーボン抵抗			
	R303 R304	42 00 00 HJ 35 92 20	〃 2.2MΩ	〃			
	R305 ~308	42 00 00 HV 35 55 60	Flame Proof Carbon Resistor RDF25 560Ω	不燃化カーボン抵抗			

※ : New Part (新部品)

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	Ref. No.	Part No.	Description	(部品名)	Remarks	Common model	Markets
	R309 R310	42 00 00 HJ 35 55 60	Carbon Resistor RD25, SM-8 560Ω	カーボン抵抗			
	R311 ~316	42 00 00 HJ 35 42 70	〃 27Ω	〃			
	R317 R318	42 00 00 HJ 35 71 00	〃 10KΩ	〃			
	R319 R320	42 00 00 HJ 35 61 50	〃 1.5KΩ	〃			
	R321 R322	42 00 00 HJ 35 73 90	〃 33KΩ	〃			
	R323 R324	42 00 00 HJ 35 52 70	〃 270Ω	〃			
	R325 R326	42 00 00 HJ 35 75 60	〃 56KΩ	〃			
	R327 R328	42 00 00 HJ 35 65 60	〃 5.6KΩ	〃			
	R329 ~332	42 00 00 HJ 35 74 70	〃 47KΩ	〃			
	R333 ~338	42 00 00 HV 35 52 20	Flame Proof Carbon Resistor RDF25 220Ω	不燃化カーボン抵抗			
	R339 ~342	42 00 00 HJ 35 41 00	Carbon Resistor RD25, SM-8 10Ω	カーボン抵抗			
	R343 R344	42 00 00 HJ 35 61 50	〃 1.5KΩ	〃			
	R345 R346	42 00 00 HJ 35 81 20	〃 120KΩ	〃			
	R347 R348	42 00 00 HV 35 55 60	Flame Proof Carbon Resistor RDF25 560Ω	不燃化カーボン抵抗			
	R349 R350	42 00 00 HJ 35 62 20	Carbon Resistor RD25, SM-8 2.2KΩ	カーボン抵抗			
	R351 ~354	42 00 00 HV 35 53 90	Flame Proof Carbon Resistor RDF25 390Ω	不燃化カーボン抵抗			
	R355 ~358	42 00 00 HJ 35 63 30	Carbon Resistor RD25, SM-8 3.3KΩ	カーボン抵抗			
	R359 R360	42 00 00 HV 35 61 80	Flame Proof Carbon Resistor RDF25 1.8KΩ	不燃化カーボン抵抗			
	R361 ~364	42 00 00 HV 35 54 70	〃 470Ω	〃			
	R365 ~370	42 00 00 HV 35 45 60	〃 56Ω	〃			
	R371 ~374	42 00 00 HV 35 42 20	〃 22Ω	〃			
※	R375 ~378	42 00 00 HV 35 35 60	〃 5.6Ω	〃			
※	R379 R380	42 00 00 HZ 00 15 80	Dual Metal Plate Resistor 5P 0.33Ω	デュアル金属板抵抗			A,G,C
	R381 R382	42 00 00 HJ 35 61 00	Carbon Resistor RD25, SM-8 1KΩ	カーボン抵抗			
	R383 R384	42 00 00 HL 81 34 70	Metal Oxide Film Resistor 1P 4.7Ω	酸金抵抗			
※	R385 R386	42 00 00 HM 52 41 00	Cement Resistor MO-4S(K) 2P 10Ω	セメント抵抗			
	R387 R388	42 00 00 HJ 35 41 00	Carbon Resistor RD25, SM-8 10Ω	カーボン抵抗			
	R389 R390	42 00 00 HJ 35 72 20	〃 22KΩ	〃			
	R391 R392	42 00 00 HL 82 52 70	Metal Oxide Film Resistor 2P 270Ω	酸金抵抗			
	R393	42 00 00 HJ 35 92 20	Carbon Resistor RD25, SM-8 2.2MΩ	カーボン抵抗			
	R394	42 00 00 HJ 35 61 80	〃 1.8KΩ	〃			
	R395	42 00 00 HJ 35 68 20	〃 8.2KΩ	〃			
	R396 ~398	42 00 00 HJ 35 82 20	〃 220KΩ	〃			
	R399	42 00 00 HJ 35 61 80	〃 1.8KΩ	〃			
	R400	42 00 00 HJ 35 63 90	〃 3.9KΩ	〃			
	R401	42 00 00 HJ 35 61 20	〃 1.2KΩ	〃			
	R402	42 00 00 HJ 35 81 20	〃 120KΩ	〃			
	R403	42 00 00 HJ 35 81 00	〃 100KΩ	〃			
	R404	42 00 00 HJ 35 72 70	〃 27KΩ	〃			
	R405	42 00 00 HJ 35 71 00	〃 10KΩ	〃			
	R406	42 00 00 HJ 35 81 00	〃 100KΩ	〃			
	R407	42 00 00 HJ 35 76 80	〃 68KΩ	〃			
	R408	42 00 00 HJ 35 72 70	〃 27KΩ	〃			
	R409	42 00 00 HJ 35 81 00	〃 100KΩ	〃			
	R410	42 00 00 HJ 35 61 00	〃 1KΩ	〃			
	R411	42 00 00 HJ 35 65 60	〃 5.6KΩ	〃			
	R412	42 00 00 HJ 35 61 50	〃 1.5KΩ	〃			
	R413	42 00 00 HJ 35 61 00	〃 1KΩ	〃			
	R414 R415	42 00 00 HL 81 53 90	Metal Oxide Film Resistor 1P 390Ω	酸金抵抗			J
※	〃	42 00 00 HL 81 52 70	〃 1P 270Ω	〃			R, U, A, G, C, B
※	R416 R417	42 00 00 HL 82 58 20	〃 2P 820Ω	〃			J, R, U, C
	〃	42 00 00 HM 55 58 20	Cement Resistor MO-4S(K) 1P 270Ω	セメント抵抗			A, G, B
	R418 R419	42 00 00 HV 35 42 20	Flame Proof Carbon Resistor RDF25 22Ω	不燃化カーボン抵抗			

※ : New Part (新部品)

	Ref. No.	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
	R420 R421	42 00 00 HJ 35 81 00	Carbon Resistor RD25, SM-8 100KΩ	カーボン抵抗			
	R422 ~425	42 00 00 HJ 35 44 70	〃 47Ω	〃			
	R426	42 00 00 HJ 35 78 20	〃 82KΩ	〃			
	R427 ~429	42 00 00 HJ 35 65 60	〃 5.6KΩ	〃			
	R430	42 00 00 HJ 35 64 70	〃 4.7KΩ	〃			
	R431	42 00 00 HJ 35 74 70	〃 47KΩ	〃			
	R432 R433	42 00 00 HV 35 51 50	Flame Proof Carbon Resistor RDF25 150Ω	不燃化カーボン抵抗			
	R434	42 00 00 HJ 35 62 70	Carbon Resistor RD25, SM-8 2.7KΩ	カーボン抵抗			
	R435	42 00 00 HJ 35 71 00	〃 10KΩ	〃			
	R436	42 00 00 HJ 35 74 70	〃 47KΩ	〃			
	R437	42 00 00 HJ 35 64 70	〃 4.7KΩ	〃			
	R438	42 00 00 HV 35 45 60	Flame Proof Carbon Resistor RDF25 22Ω	不燃化カーボン抵抗			
	R439 R440	42 00 00 HJ 35 72 20	Carbon Resistor RD25, SM-8 22KΩ	カーボン抵抗			
	R441	42 00 00 HJ 35 65 60	〃 5.6KΩ	〃			
	R442	42 00 00 HJ 35 61 00	〃 1KΩ	〃			
	R443 R444	42 00 00 HJ 35 72 20	〃 22KΩ	〃			
	R445	42 00 00 HJ 35 51 00	〃 100Ω	〃			
	R446	42 00 00 HJ 35 82 20	〃 220KΩ	〃			
※	R447	42 00 00 HL 81 54 70	Metal Oxide Film Resistor 1P 470Ω	酸金抵抗			R, U, C
	〃	42 00 00 HL 81 56 80	〃 1P 680Ω	〃			J
	〃	42 00 00 HM 55 54 70	Cement Resistor MO-4S (K) 5P 470Ω	セメント抵抗			A, G, B
	R448 R449	42 00 00 HJ 35 51 80	Carbon Resistor RD25, SM-8 180Ω	カーボン抵抗			
	R450	42 00 00 HJ 35 52 20	〃 220Ω	〃			
	R451 R452	42 00 00 HJ 35 85 60	〃 560KΩ	〃			R, U, A, G, C, B
	R453 R454	42 00 00 HV 35 55 60	Flame Proof Carbon Resister RDF25 560Ω	不燃化カーボン抵抗			R, U, A, G, C, B
	VR301 VR302	42 00 00 HY 00 09 60	Variable Resistor B100Ω	メタルグレーズVR			
	VR303 VR304	42 00 00 HT 37 00 10	Semi Variable Resistor EVN-K4A B1KΩ	半固定VR	Inter-changeable (併用)		
	〃	42 00 00 HT 77 00 30	〃 KVSF8-7PNFX B1KΩ	〃			
※	VR305	42 00 00 HQ 20 02 60	Slide Variable Resistor 100KΩ	スライドVR			
	VR306	42 00 00 HT 37 00 90	SemiVariable Resistor EVN-K4A B30KΩ	半固定VR	Inter-changeable (併用)		
※	〃	42 00 00 HT 77 01 50	〃 KVSF8-7PNFX B50KΩ	〃			
	Tr 301 Tr 302	42 00 00 i A 09 95 00	Dual Transistor 2SA995	デュアルトランジスタ			
	Tr 303 ~ 306	42 00 00 i C 20 88 00	Transistor 2SC2088 (BL,V)	トランジスタ			
	Tr 307 Tr 308	42 00 00 i E 10 14 10	Dual FET 2SK150 (GR, BL)	デュアルFET			
	Tr 309 ~ 312	42 00 00 i A 07 33 40	Transistor 2SA733 (Q, P)	トランジスタ			
	Tr 313 Tr 314	42 00 00 i A 09 49 00	〃 2SA949 (O,Y)	〃			
	〃	42 00 00 i A 11 23 00	〃 2SA1123 (Q,R,S)	〃			
	Tr315 Tr316	42 00 00 i A 09 49 00	〃 2SA949 (O,Y)	〃	Inter-changeable (併用)		
	〃	42 00 00 i A 11 23 00	〃 2SA1123(Q,R,S)	〃			
※	Tr317 Tr318	42 00 00 i A 09 99 40	〃 2SA999 (E)	〃			
	Tr319 Tr320	42 00 00 i C 22 29 00	〃 2SC2229 (O,Y)	〃	Inter-changeable (併用)		
	〃	42 00 00 i C 26 31 00	〃 2SC2631(Q,R,S)	〃			
	Tr 321 Tr 322	42 00 00 i C 23 20 10	〃 2SC2320 (E,F)	〃			
	Tr 323 Tr 324	42 00 00 i C 04 58 80	〃 2SC458 (B,C)	〃			R, U, A, G, C, B
	Tr 325 Tr 326	42 00 00 i A 09 99 10	〃 2SA999 (E,F)	〃			
	Tr327 Tr328	42 00 00 i C 22 40 00	〃 2SC2240(GR,BL)	〃			
	Tr329 Tr330	42 00 00 i A 09 70 00	〃 2SA970 (GR,BL)	〃			
	Tr331 Tr332	42 00 00 i C 22 38 00	〃 2SC2238 (O,Y)	〃			
※	Tr333 Tr334	42 00 00 i A 09 68 00	〃 2SA968 (O,Y)	〃			
	Tr335 Tr336	42 00 00 i C 27 73 00	〃 2SC2773 (O,Y)	〃			
※	Tr337 Tr338	42 00 00 i A 11 69 00	〃 2SA1169 (O,Y)	〃			

※ : New Part (新部品)

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Ref. No.	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
Tr 339	42 00 00 i C 22 35 00	Transistor 2SC2235 (O,Y)	トランジスタ			
Tr 340	42 00 00 i C 23 20 10	〃 2SC2320 (E,F)	〃			
Tr 341	42 00 00 i A 09 99 10	〃 2SA999 (E,F)	〃			
Tr 342	42 00 00 i B 05 95 20	〃 2SB595 (O,Y)	〃	Inter-changeable (併用)		
〃	42 00 00 i B 06 90 00	〃 2SB690 (B,C)	〃			
Tr 343	42 00 00 i D 05 25 20	〃 2SD525(O,Y)	〃	〃		
〃	42 00 00 i D 07 26 00	〃 2SD726 (B,C)	〃			
Tr 344	42 00 00 i A 09 70 00	〃 2SA970 (GR,BL)	〃	〃		
〃	42 00 00 i A 09 41 00	〃 2SA941 (GR,BL)	〃			
Tr 345 Tr 346	42 00 00 i C 22 40 00	〃 2SC2240 (GR,BL)	〃	〃		
〃	42 00 00 i C 20 88 00	〃 2SC2088 (BL,V)	〃			
Tr 347	42 00 00 i C 22 35 00	〃 2SC2235 (O,Y)	〃			
Tr 348	42 00 00 i C 22 40 00	〃 2SC2240 (GR,BL)	〃	〃		
〃	42 00 00 i C 20 88 00	〃 2SC2088 (BL,V)	〃			
Tr 349 Tr 350	42 00 00 i A 09 65 00	〃 2SA965 (O,Y)	〃			
D301 ~320	42 00 00 i F 00 00 40	Diode IS1555	ダイオード			
D321 D322	42 00 00 i H 00 07 10	〃 W06C	〃			
D323	42 00 00 i F 00 15 10	Zener Diode HZ-6C1L	ツェナーダイオード			
※ D324 ~327	42 00 00 i F 00 21 00	〃 HZ-7C2L	〃			
D328 D329	42 00 00 i F 00 15 10	〃 HZ-6C1L	〃			
D330	42 00 00 i F 00 00 40	Diode IS1555	ダイオード			
D332	42 00 00 i F 00 02 00	Zener Diode WZ-120	ツェナーダイオード			
D333	42 00 00 i H 00 07 10	Diode W06C	ダイオード			
D334	42 00 00 i F 00 15 10	Zener Diode HZ-6C1L	ツェナーダイオード			
※ D335	42 00 00 i H 00 09 20	Diode Bridge S5VB 5A	ブリッジダイオード	Inter-changeable (併用)		
※ 〃	42 00 00 i H 00 10 10	〃 RB602 6A 200V	〃			
D336	42 00 00 i F 00 00 40	Diode IS1555	ダイオード			
D337	42 00 00 i H 00 07 10	〃 W06C	〃			
IC301	42 00 00 i G 02 84 00	IC 16001390 NJM4558DY	IC			
※ SW301	42 00 00 KA 80 17 30	Push Switch	プッシュSW 2軸単動P12.5	4 circuit		
RY301	42 00 00 KC 00 09 20	Relay JC-2 DC48V	リレー	Inter-changeable (併用)		J, R, A, G, B
〃	42 00 00 KC 00 06 30	〃 MS48D4-OZ DC48V	〃			J, R, A, G, B
〃	42 00 00 KC 00 10 60	〃 JC2aD DC48V	〃			U, C
※ JK301	42 00 00 LB 30 13 50	Headphones Jack	ヘッドホーンジャック			
	42 00 00 LA 00 21 10	Wrapping Pin i Type P=5 2P	i型ラッピング端子板			
	42 00 00 LA 00 21 50	〃 P=10 3P	〃			
	42 00 00 LA 00 29 60	4P Push Terminal	4Pプッシュターミナル			
	42 00 00 LA 00 41 20	Pin	テストポイントピン			
	32 00 00 AA 09 78 00	Metal, Setting Plate	反り止メ金具			
	32 00 00 BA 07 72 90	Heat Sink	放熱板			
	32 00 00 BB 06 52 50	Pusher, Transistor	TRプッシャー			
	32 00 00 BB 06 83 70	Plate, Ground	アース金具			
	42 00 00 EN 03 00 20	Bind Head Tapping Screw 3×8 (ZNC2-Y)	鉄バインドタッピンネジ	Type 2		

※ : New Part (新部品)

Ref. No	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
		U.S.A & Canadian Models				
	32 00 00 NA 07 60 80	Control Circuit Board	制御シート		A-760	
C501	42 00 00 FC 24 52 20	Metallized Mylar Capacitor 0.22μF 125V	MMコン			
C502	42 00 00 FG 51 21 00	Ceramic Capacitor 100PF 50V SL(K)	フォーミングセラコン			
C503	42 00 00 FA 85 54 70	Mylar Capacitor 0.47μF 50V	マイラーコン自立形			
C504 C505	42 00 00 Fi 34 33 30	Ceramic Capacitor 0.0033μF AC 125V	セラコン			
C506	42 00 00 FC 24 51 00	Metallized Mylar Capacitor 0.1μF 125V	MMコン			
C508	42 00 00 FA 81 43 30	Mylar Capacitor 0.033μF 50V	マイラーコン自立形			
L501	42 00 00 GD 90 03 50	Coil 100μH	雑防コイル	Inter-changeable		
"	42 00 00 GD 90 03 60	" "	"			
R501 R502	42 00 00 HJ 35 82 20	Carbon Resistor RD25 SM-8 220KΩ	カーボン抵抗			
R503	42 00 00 HJ 35 62 70	" 2.7KΩ	"			
R504	42 00 00 HL 72 71 80	Metal Oxide Film Resistor 2P 18KΩ	酸金抵抗			
R505	42 00 00 HJ 35 91 00	Carbon Resistor RD25 SM-8 1MΩ	カーボン抵抗			
R506	42 00 00 HV 35 61 00	Flame Proof Carbon Resistor RDF25 1KΩ	不燃化カーボン抵抗			
R507	42 00 00 HJ 35 71 50	Carbon Resistor RD25 SM-8 15KΩ	カーボン抵抗			
R508	42 00 00 HJ 35 81 20	" 120KΩ	"			
R509	42 00 00 HJ 35 75 60	" 56KΩ	"			
R510	42 00 00 HJ 35 41 50	" 15Ω	"			
R511	42 00 00 HJ 35 54 70	" 470Ω	"			
R512	42 00 00 HV 35 41 50	Flame Proof Carbon Resistor RDF25 15Ω	不燃化カーボン抵抗			
R513	42 00 00 HL 72 53 90	Metal Oxide Film Resistor 2P 390Ω	酸金抵抗			
R514	42 00 00 HJ 35 54 70	Carbon Resistor RD25 SM-8 470Ω	カーボン抵抗			
VR501	42 00 00 HT 37 00 50	Semi Variable Resistor EVN-K4A B5KΩ	半固定VR	Inter-changeable		
"	42 00 00 HT 77 00 50	" KVSF8-7PNFX B5K	"			
D501	42 00 00 i H 00 08 80	Brigde Diode SIWB	ブリッジダイオード			
D502 ~505	42 00 00 i F 00 00 60	Diode 10D4	ダイオード			
IC501	42 00 00 i G 04 08 00	IC (Trigger)	トリガーIC			
TR501	42 00 00 i K 00 02 80	Photo Coupler TLP508 (BL.V)	フォトカプラー	Inter-changeable		
"	42 00 00 i K 00 03 00	" " (V)	"			
SCR 501	42 00 00 i H 00 09 00	Triac SMOR5G 0.5A	トライアック			
SCR 502	42 00 00 i H 00 10 50	" AC16DGM-L 16A	"			
SCR 503	42 00 00 i H 00 09 00	" SMOR5G 0.5A	"			
F501	42 00 00 KB 00 15 40	Fuse UL 12A 250V	ヒューズ			
	42 00 00 LB 20 09 00	Fuse Holder Pin PC YSH402P	ヒューズホルダーピン			
	42 00 00 LA 00 23 90	Wrapping Terminal P=7.5 3P L-Type	L型ラッピング端子板			
	42 00 00 LA 00 24 00	Wrapping Terminal P=7.5 2P L-Type	L型ラッピング端子板			
	32 00 00 BA 07 95 30	Heat Sink	放熱板			
	32 00 00 BB 06 83 70	Earth Plate	アース金具			
	32 00 00 CB 07 28 80	Isolation Bush	絶縁ブッシュ			
	42 00 00 EN 03 00 60	Bind Head Tapping Screw 3×10 (ZMC2-Y)	鉄バインドタッピンネジ	Type-2		
	42 00 00 i L 00 02 70	Mica Base AC-229	マイカベース			
	42 00 00 EH 02 60 80	Pan Head Screw (Sems-Type) 2.6×8 (ZMC2-Y)	セムスナベ小ネジ			
	42 00 00 CA 07 06 50	Isolation Plate	絶縁板			
	42 00 00 CB 60 14 80	Damper	ダンパー			
	42 00 00 EN 03 00 20	Bind Head Tapping Screw 3×8 (ZMC2-Y)	鉄バインドタッピンネジ	Type-2		

※ : New Part (新部品)

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Ref. No.	Part No.	Description	(部品名)	Remarks	Common model	Markets
		Australian, North European & British Models				
	32 00 00 NA 07 60 90	Control Circuit Board	制御シート		A-760	
C501	42 00 00 FR 15 54 70	Metallized Paper Capacitor PME271 0.47μF 250V	MPコン			
C502	42 00 00 FG 51 21 00	Ceramic Capacitor 100PF 50V SL(K)	フォーミングセラコン			
C503	42 00 00 FA 85 54 70	Mylar Capacitor 0.47μF 50V(J)	マイラーコン自立形			
C504 ~506	42 00 00 FR 16 36 80	Metallized Paper Capacitor RME265 0.0068μF 250V	MPコン			
C507	42 00 00 FQ 09 46 80	Oil Capacitor ECN-C4A 0.068μF 450V	オイルコン			
C508 C509	42 00 00 FR 16 41 00	Metallized Paper Capacitor REM265 0.01μF 250V	MPコン			
C510	42 00 00 FA 81 43 30	Mylar Capacitor 0.033μF 50V (V)	マイラーコン自立形			
L501	42 00 00 GD 90 03 90	Coil SF-HP-6A 150μH	雑防コイル			
R501 ~504	42 00 00 HJ 35 84 70	Carbon Resistor RD25 SM-8 470KΩ	カーボン抵抗			
R505	42 00 00 HJ 35 62 70	〃 2.7KΩ	〃			
R506 R507	42 00 00 HL 72 76 80	Metal Oxide Film Resistor 2P 68KΩ	酸金抵抗			
R508	42 00 00 HJ 35 91 00	Carbon Resistor RD25 SM-8 1MΩ	カーボン抵抗			
R509	42 00 00 HV 45 61 00	Flame Proof Carbon Resistor RDF25S 1KΩ	不燃化カーボン抵抗			
R510	42 00 00 HJ 35 71 50	Carbon Resistor RD25 SM-8 15KΩ	カーボン抵抗			
R511 R512	42 00 00 HJ 35 81 80	〃 180KΩ	〃			
R513	42 00 00 HJ 35 41 50	〃 15Ω	〃			
R514	42 00 00 HJ 35 54 70	〃 470Ω	〃			
R515	42 00 00 HV 35 41 50	Flame Proof Carbon Resistor RDF25 15Ω	不燃化カーボン抵抗			
R516	42 00 00 HL 72 53 90	Metal Oxide Film Resistor 2P 390Ω	酸金抵抗			
VR501	42 00 00 HT 37 00 50	Semi Variable Resistor EVN-K4A B5KΩ	半固定VR	Inter-changeable		
〃	42 00 00 HT 77 00 50	〃 KVSF8-7PNFX B5KΩ	〃			
IC501	42 00 00 iG 04 08 00	IC (Trigger)	トリガーIC			
D501	42 00 00 iH 00 08 80	Brigde Diode SIWB	ブリッジダイオード			
D502 ~505	42 00 00 iH 00 00 60	Diode 10D4	ダイオード			
SCR 501	42 00 00 iH 00 09 00	Triac SMOR5G 0.5A	トライアック			
SCR 502	42 00 00 iH 00 10 50	〃 AC16DGM-L 16A	〃			
SCR 503	42 00 00 iH 00 09 00	〃 SMOR5G 0.5A	〃			
TR501	42 00 00 iK 00 02 80	Photo Coupler TLP508 (BL,V)	フォトカプラー	Inter-changeable		
〃	42 00 00 iK 00 03 00	〃 〃 (V)	〃			
SW501	42 00 00 KA 80 21 70	Push Switch SDS3P 5 80A Power	プッシュSW Zusatz	NA077830 LC27920		
F501	42 00 00 KB 00 17 60	Fuse S T6.3A 250V	ヒューズ			
	42 00 00 LB 20 10 60	Fuse Holder Pin YSH403T	ヒューズホルダーピン			
	42 00 00 LA 00 23 90	Wrapping Terminal P=7.5 2P L-Type	L型ラッピング端子板			
	42 00 00 LA 00 24 00	〃 〃 3P 〃	〃			
	32 00 00 BA 07 95 30	Heat Sink	放熱板			
	32 00 00 BB 06 83 70	Earth Plate	アース金具			
	32 00 00 CB 07 28 80	Isolation Bush	絶縁ブッシュ			
	42 00 00 EN 03 00 60	Bind Head Tapping Screw 3×10 (ZMC2-Y)	鉄バインドタッピンネジ	Type-2		
	42 00 00 iL 00 02 70	Mica Base AC-229	マイカベース			
	42 00 00 EH 02 60 80	Pan Head Screw (Sems-Type) 2.6×8 (ZMC2-Y)	セムスナベ小ネジ			
	42 00 00 CA 07 06 50	Isolation Plate	絶縁板			
	42 00 00 CB 60 14 80	Damper	ダンパー			
	42 00 00 EN 03 00 20	Bind Head Tapping Screw 3×8 (ZMC2-Y)	鉄バインドタッピンネジ	Type-2		

※：New Part (新部品)

Ref. No.	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
		General Model				
	32 00 00 NA 07 61 00	**Control Circuit Board**	**制御シート**		**A-760**	
C501	42 00 00 FR 15 52 20	Metallized Paper Capacitor 0.22μF 250V	MPコン			
C502	42 00 00 FG 51 21 00	Ceramic Capacitor 100PF 50V SL(K)	フォーミングセラコン			
C503	42 00 00 FA 85 54 70	Mylar Capacitor 0.47μF 50V(J)	マイラーコン			
C504 ~506	42 00 00 FR 16 36 80	Metallized Paper Capacitor 0.0068μF 250V	MPコン			
C507	42 00 00 FQ 09 46 80	Oil Capacitor ECN-C4A 0.068μF	オイルコン			
C508 C509	42 00 00 Fi 34 41 00	Ceramic Capacitor 0.01μF (DE)AC 125V	セラコンMY形			
L501	42 00 00 GD 90 03 90	Coil SF-HP-6A 150μH	雑防コイル			
R501 ~504	42 00 00 HJ 35 84 70	Carbon Resistor RD25 SM-8 470KΩ	カーボン抵抗			
R505 R506	42 00 00 HL 72 73 90	Metal Oxide Film Resistor 2P 39KΩ	酸金抵抗			
R507	42 00 00 HJ 35 91 00	Carbon Resistor RD25 SM-8 1MΩ	カーボン抵抗			
R508	42 00 00 HV 35 61 00	Flame Proof Carbon Resistor RDF25 1KΩ	不燃化カーボン抵抗			
R509	42 00 00 HJ 35 71 50	Carbon Resistor RD25 SM-8 15KΩ	カーボン抵抗			
R510	42 00 00 HJ 35 81 20	〃 120KΩ	〃			
R511	42 00 00 HJ 35 75 60	〃 56KΩ	〃			
R512	42 00 00 HJ 35 73 30	〃 33KΩ	〃			
R513	42 00 00 HJ 35 41 50	〃 15Ω	〃			
R514	42 00 00 HJ 35 54 70	〃 470Ω	〃			
R515	42 00 00 HV 35 41 50	Flame Proof Carbon Resistor RDF25 15Ω	不燃化カーボン抵抗			
R516	42 00 00 HL 72 53 90	Metal Oxide Film Resistor 2P 390Ω	酸金抵抗			
R517	42 00 00 HJ 35 54 70	Carbon Resistor RD25 SM-8 470Ω	カーボン抵抗			
VR501	42 00 00 HT 37 00 50	Semi Variable Resistor EVN-K4A B5KΩ	半固定VR	Inter-changeable		
〃	42 00 00 HT 77 00 50	〃 KVSF8-7PNFX B5KΩ	〃			
D501	42 00 00 iH 00 08 80	Brigde Diode SIWB	ブリッジダイオード			
D502 D503	42 00 00 iF 00 19 40	Zener Diode HZ-24	ツェナーダイオード			
D504 ~507	42 00 00 iF 00 00 60	Diode 10D4	ダイオード			
IC501	42 00 00 iG 04 08 00	IC(Trigger)	トリガーIC			
SCR 501	42 00 00 iH 00 09 00	Triac SMOR5G 0.5A	トライアック			
SCR 502	42 00 00 iH 00 10 50	〃 AC16DGM-L 16A	〃			
SCR 503	42 00 00 iH 00 09 00	〃 SMOR5G 0.5A	〃			
TR501	42 00 00 iK 00 02 80	Photo Coupler TLP508 (BL,V)	フォトカプラー	Inter-changeable		
〃	42 00 00 iK 00 03 00	〃 〃 (V)	〃			
SW501	42 00 00 KA 80 21 70	Push Switch SDS3P 5 80A	プッシュSW			
F501	42 00 00 KB 00 13 80	Fuse UL 15A 250V	ヒューズ			
	42 00 00 LB 20 09 00	Fuse Holder Pin PC YSH402P	ヒューズホルダーピン			
	42 00 00 LA 00 23 90	Wrapping Terminal P 7.5 2P L-Type	L型ラッピング端子板			
	42 00 00 LA 00 24 00	〃 〃 3P 〃	〃			
	32 00 00 BA 07 95 30	Heat Sink	放熱板			
	32 00 00 BB 06 83 70	Earth Plate	アース金具			
	32 00 00 CB 07 28 80	Isolation Bush	絶縁ブッシュ			
	42 00 00 EN 03 00 60	Bind Head Tapping Screw 3×10(ZMC2-Y)	鉄バインドタッピンネジ	Type-2		
	42 00 00 iL 00 02 70	Mica Base AC-229	マイカベース			
	42 00 00 EH 02 60 80	Pan Head Screw (Sems-Type) 2.6, 8 ZMC2-Y	セムスナベ小ネジ			
	42 00 00 CA 07 06 50	Isolation Plate	絶縁板			
	42 00 00 CB 60 14 80	Damper	ダンパー			
	42 00 00 EN 03 00 20	Bind Head Tapping Screw 3 8(ZMC2-Y)	鉄バインドタッピンネジ	Type-2		

※ : New Part (新部品)

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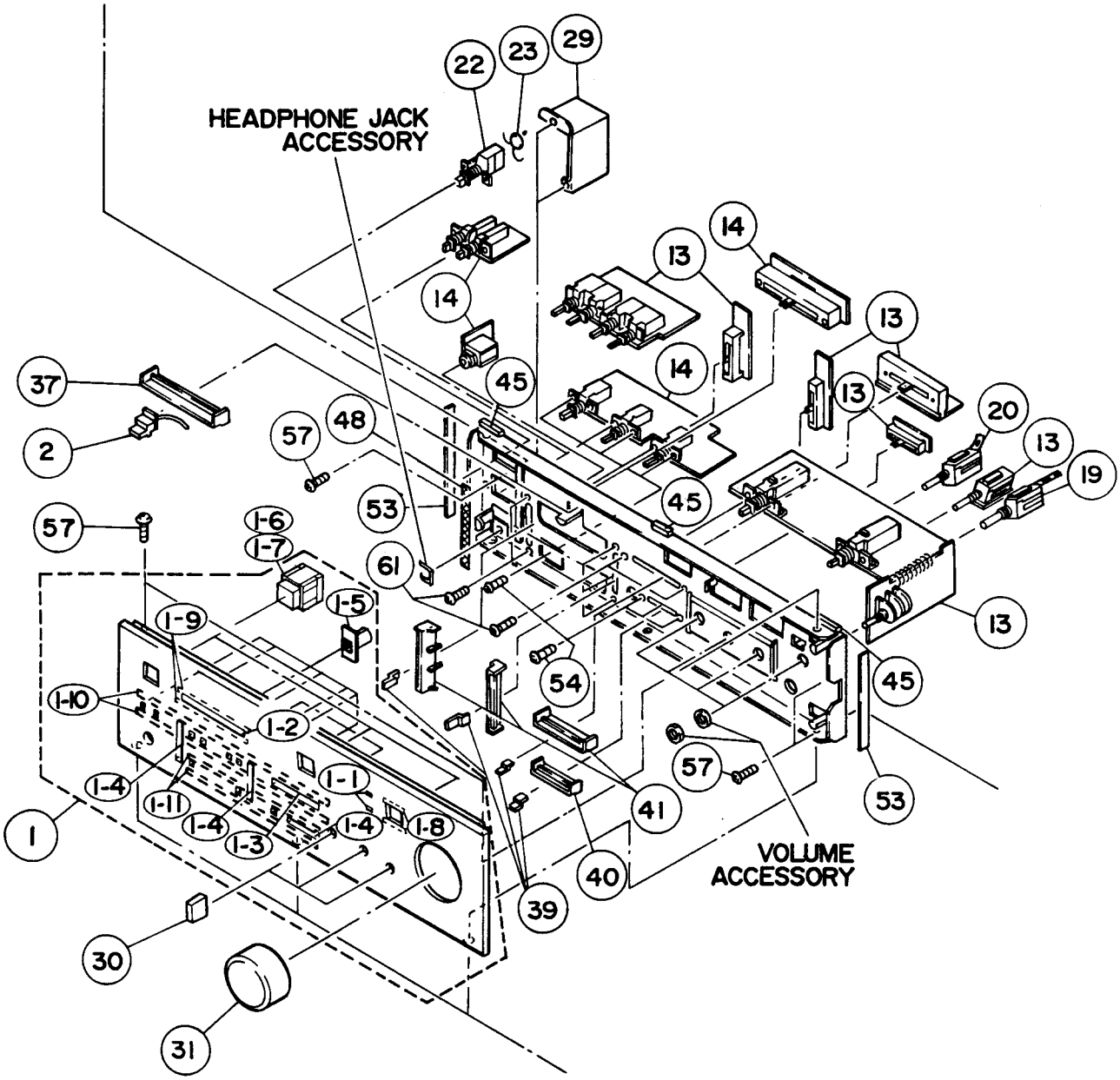
■ EXPLODED VIEW



YAMAHA
NIPPON GAKKI CO., LTD
P.O. BOX 1, HAMAMATSU, JAPAN
Hi-Fi Stereo

SERVICE NEWS

A - 960

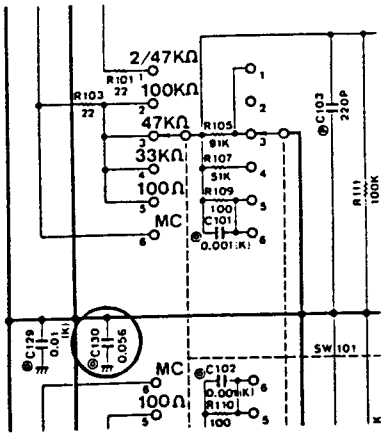
BULLETIN NO. 78
DATE: March, 1981

RADIO WAVE INTERFERENCE

Symptom: AM radio waves interfere with all functions.

Cause: AM radio waves cut in the impedance of the earth line and after it is demodulated by the non-linear section in the circuit, the resultant signals cause the earth voltage to fluctuate. This fluctuating voltage affects the output voltage.

Modification: The capacity of C130 (0.056μF) will be changed to 0.15μF.



Parts:

	Parts No.	Description
Old	420000FA114560	Ceramic Cap. 0.056μF
New	420000FA115150	Ceramic Cap. 0.15μF

Effective product serial number: On and from 103801

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