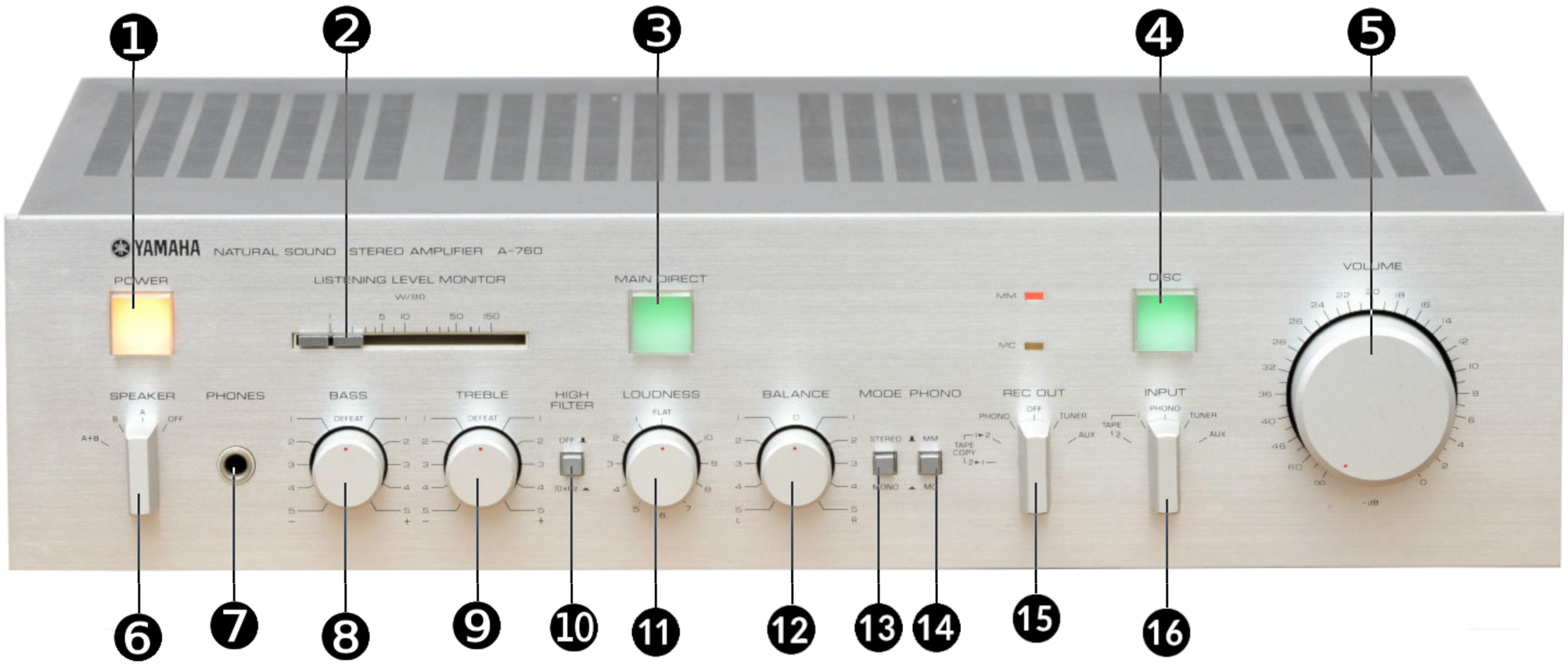
A-760

SERVICE MANUAL

■ FRONT PANEL



❶ POWER (power pushswitch)
❷ LISTENING LEVEL MONITOR (indicator)
❸ MAIN DIRECT (tone amp bypass pushwitch)
❹ DISC (phono disc selector pushswitch)
❺ VOLUME (volume control)
❻ SPEAKER (speaker selector switch)
❼ PHONES (headphone jack)
❽ BASS (bass control)
❾ TREBLE (treble control)
❿ HIGH FILTER (high filter in/out pushswitch)
⓫ LOUDNESS (loudness control)
⓬ BALANCE (balance control)
⓭ MODE (mode selector pushswitch)
⓮ PHONO (phono input selectors/indicators (MM/MC))
⓯ REC OUT (recording output selector switch)
⓰ INPUT (input selector)

■ CONTENTS

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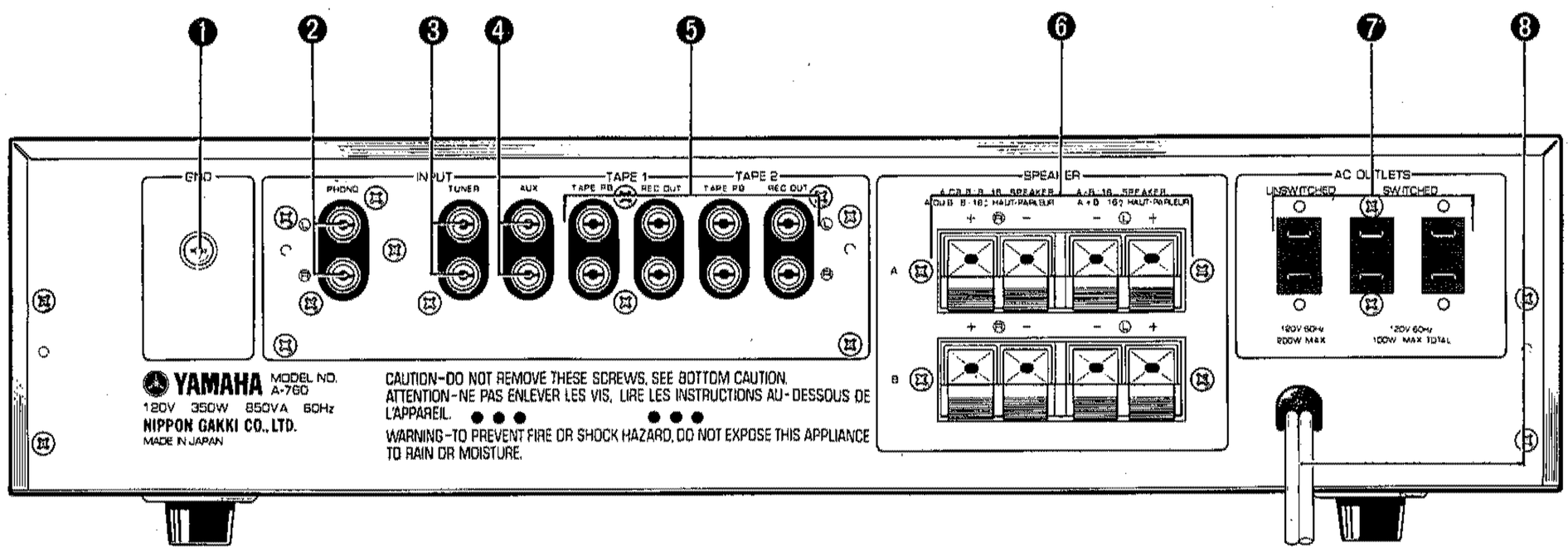
SCHEMATIC DIAGRAM 9

004417

SINCE 1887 YAMAHA
NIPPON GAKKI CO., LTD. HAMAMATSU, JAPAN
'80.11. 2.42K. KT. Prited in Japan

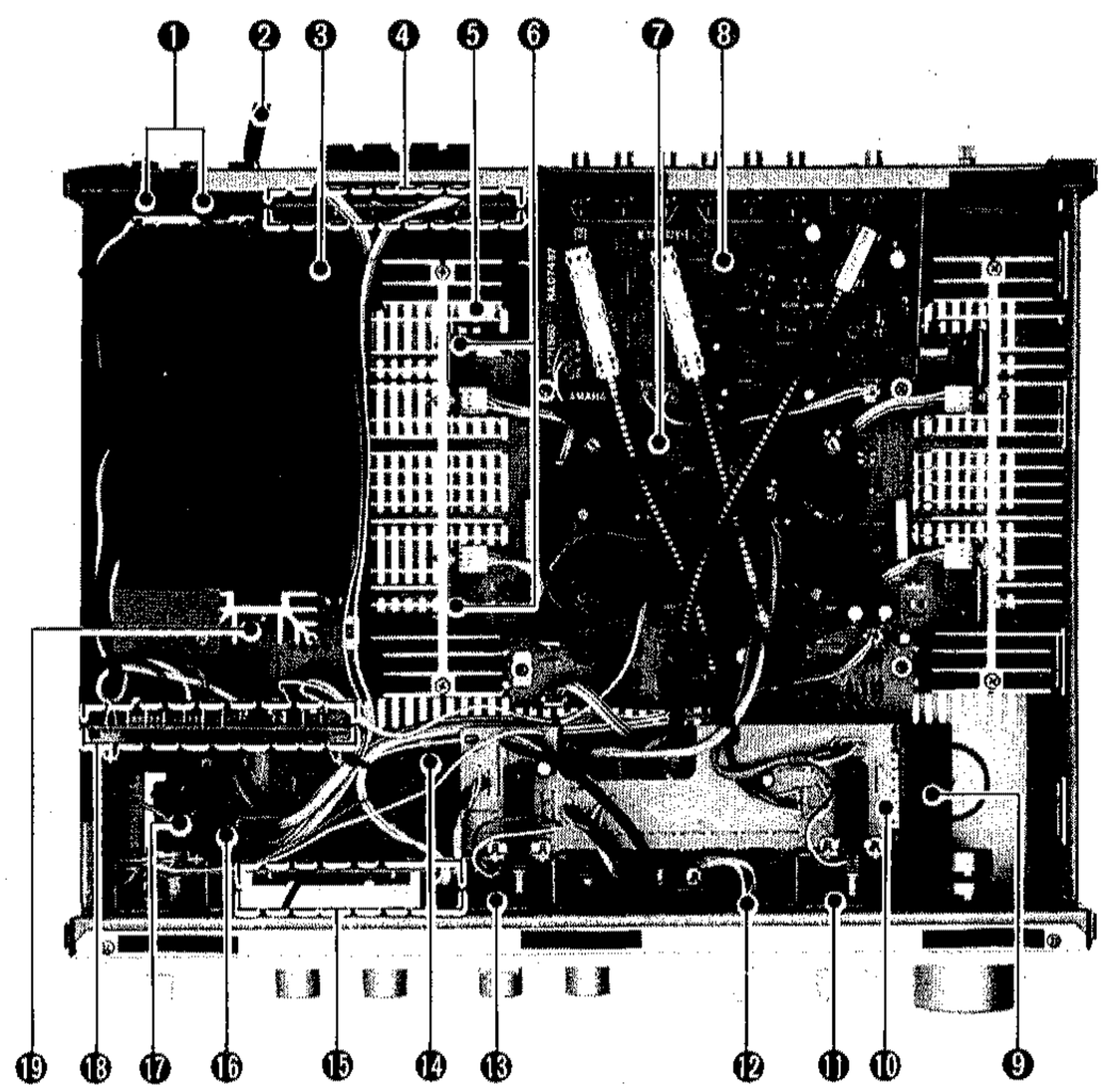
REAR PANEL



❶ GND (ground terminal)
❷ PHONO (phono input jacks)
❸ TUNER (tuner input jacks)
❹ AUX (auxiliary input jacks)
❺ TAPE 1/2 (Tape 1/2 record/playback jacks)
❻ SPEAKER (speaker terminals A/B)
❼ AC OUTLETS (switched and unswitched auxiliary outlets)
❽ Power cord

INTERNAL VIEW

Top View



❶ AC outlet
❷ Power cord
❸ Power transformer housing (power transformer: GA63580)
❹ Main C. board (3) NA07490-3
❺ Heat sink
❻ Power transistor(s)
❼ Main C. board (1) NA07490-1
❽ Function C. board NA07486
❾ Tone control C. board (3) NA07488-3
❿ Tone control C. board (2) NA07488-2
⓫ DISC switch
⓬ Phono indicator LED
⓭ MAIN DIRECT switch
⓮ Tone control C. board (1) NA07488-1
⓯ Main C. board (4) NA07490-4
⓰ Main C. board (2) NA07490-2
⓱ Power pushswitch
⓲ Control C. board (1) NA07495-1
⓳ Control C. board (2) NA07495-2

■ DISASSEMBLY

1. Top Cover Removal

Remove screws ① and ② in Photo 1 from the both sides of the unit. The top cover removed by sliding it toward of the arrow.

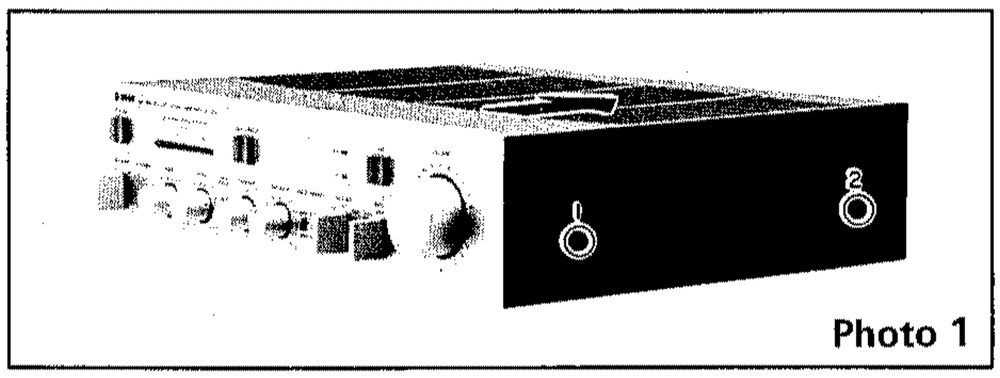


Photo 1

2. Bottom Cover Removal

Turn the unit to place it. Remove the nine bottm cover retaining screws (in Photo 2) and remove the bottom cover.

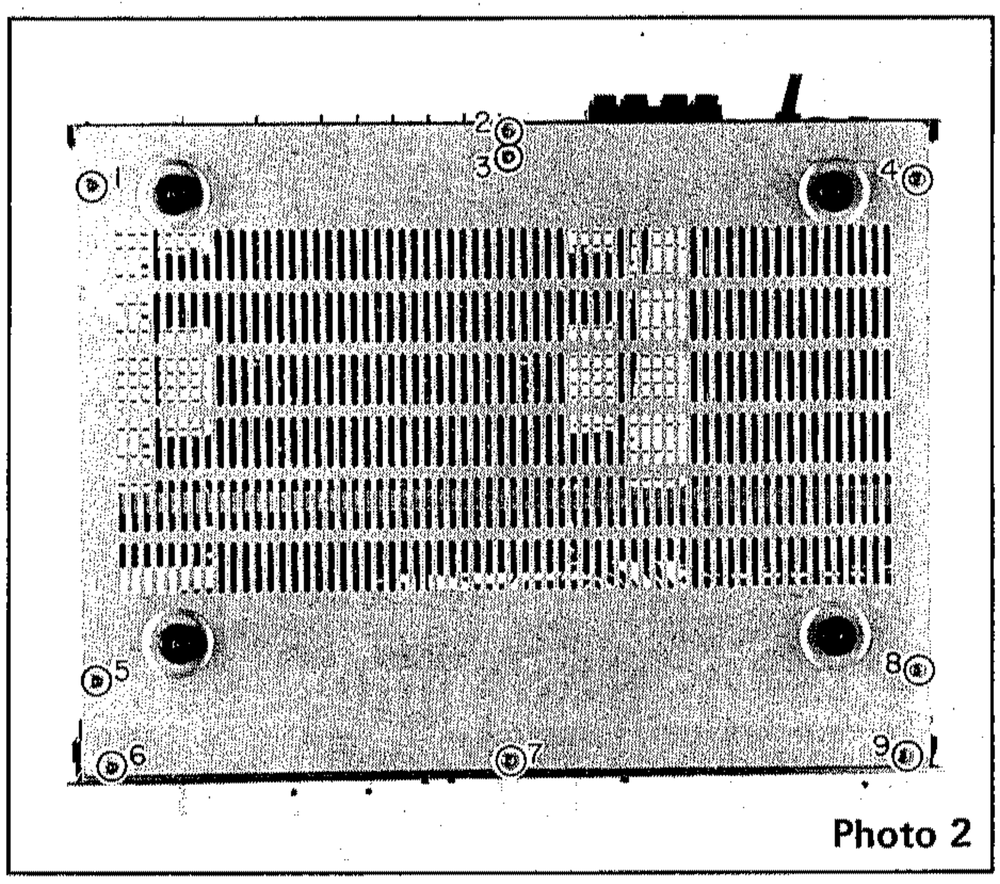


Photo 2

3. Front Panel Removal

a) Remove the top cover (step 1).
b) Remove the bottom cover (step 2).
c) Use an M 1.5 hexagon wrench to loosen the retaining screws. (SPEAKER, REC OUT, and INPUT switchs.) then pull out these knobs.
d) Pull out the illuminating lamps from the POWER, MAIN DIRECT, and DISC pushswitches' lamp holders, carefuly to avoid damaging the lamp leads.
e) Disconnect the MM and MC indicator lamps lead at the connectors.
f) Remove screws (1) and (2) shown in Photo 3. The front panel removed by slowly pulling it in the foreard direction.

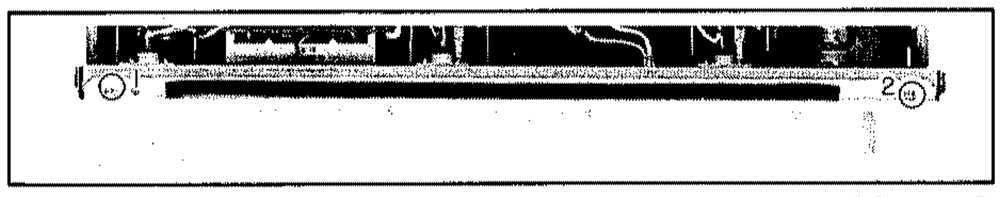


Photo 3

4. Rear Panel Removal

a) Remove the top cover (step 1).
b) Remove the bottom cover (step 2).
c) Disconnect the power cord at the AC OUTLETS. The rear panel removed by taking off screws ① ~ ㉑ shown in Photo 4.

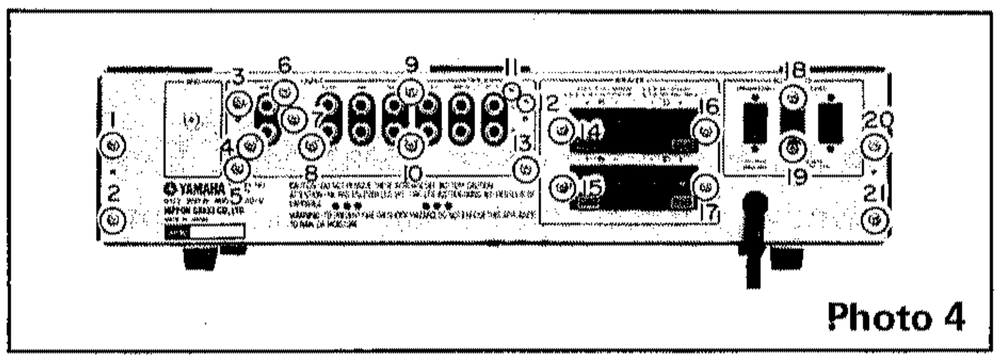


Photo 4

5. Function C. Board Removal

a) Remove the top cover (step 1).
b) Disconnect all leads and connectors from the function C. board, then remove the flexible wires from each on-board switch using a small standard screwdriver (Figure 1).
c) Remove screws ③ ~ ⑬ shown in Photo 4 to remove the function C. board.

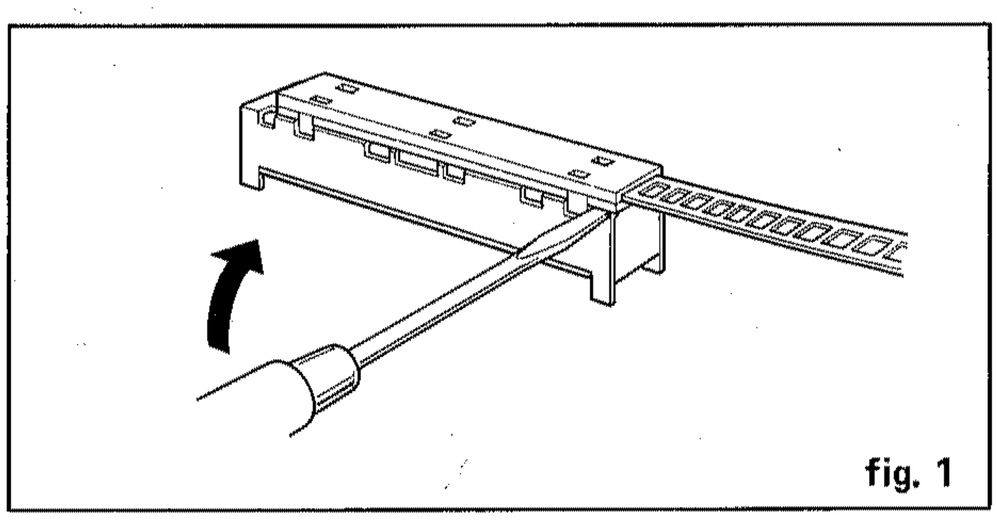


fig. 1

6. Tone Control C. Boards (1), (2), and (3), Main C. Boards (2) and (4), and Control C. Board (3) Removal

a) Remove the top and bottom covers and front panel from the unit (see steps 1, 2, and 3.).
b) Remove the BASS, TREBLE, LOUDNESS, BALANCE, and VOLUME control knobs located on the front panel.
c) Remove nut Ⓐ and screws ① ~ ④ in Photo 5 to remove tone control C. boards (2) and (3).
d) Remove screws ⑤ and ⑥ and nuts Ⓑ ~ Ⓔ in Photo 5 to remove tone control C. board (1).

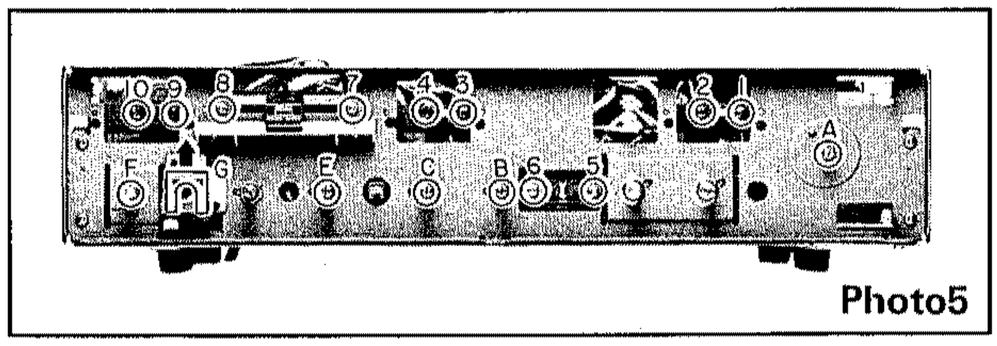


Photo5

e) Remove screws ⑦ and ⑧ in photo 5, then pull out the LISTENING LEVEL MONITOR knob to remove main C. board (4).
f) Remove screws ⑨ and ⑩ in Photo 5 to remove control C. board (3).
g) Remove nut Ⓕ in Photo 5, then take off phone jack retention metal Ⓖ in the arrow direction. Main C. board (2) can now be removed.

7. Main C. Board (1) and Heat Sink Removal

a) Remove the top and bottom covers (steps 1 and 2).
b) Remove the function C. board (step 5).
c) Remove the solder from all power transistors lead. (TR331~334)
d) Remove screws ① ~ ④ in Photo 6 to remove main C. board (1).
e) Remove screws ⑤ ~ ⑧ in Photo 6 to remove the heat sink.

* Before reinstalling the main C. board, check that transistors TR317 and TR318 are thermally coupled.

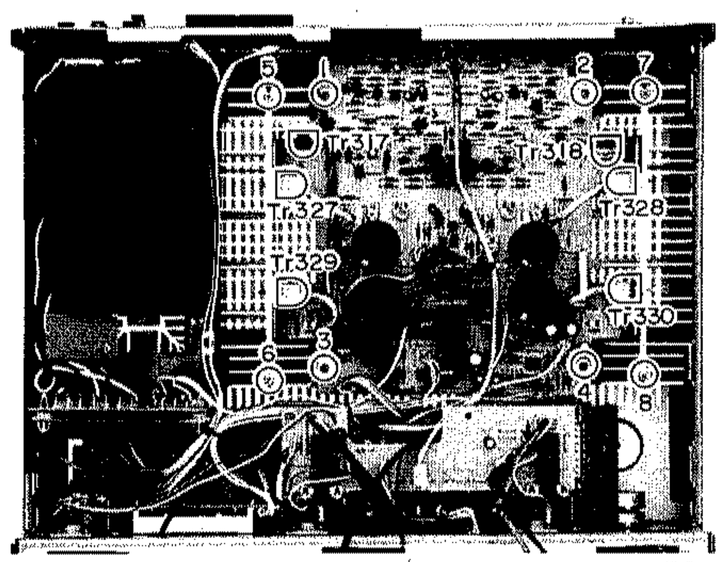


Photo 6

8. Power Transformer and Control C. Boards (1) and (2) Removal

a) Remove the top cover (step 1).
b) Disconnect all leads from the control C. board.
c) Remove screw ① in Photo 7, then remove the control C. Board from board holders Ⓐ and Ⓑ. Control boards (1) and (2) can now be removed.
d) Remove screws ② ~ ⑤ in Photo 7 to remove the cover transformer.
e) Remove screws ① ~ ④ in Photo 8 to remove the power transformer.

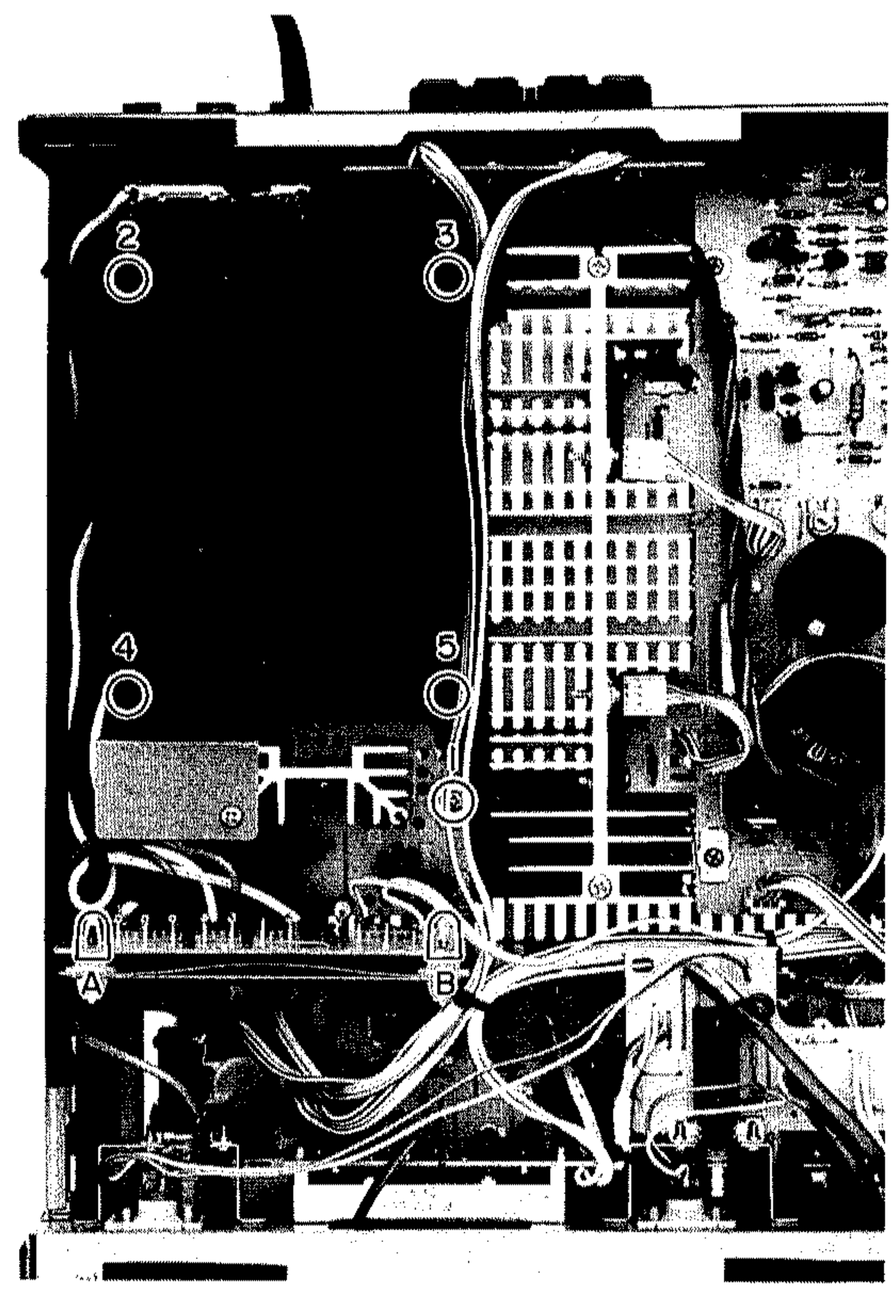


Photo 7

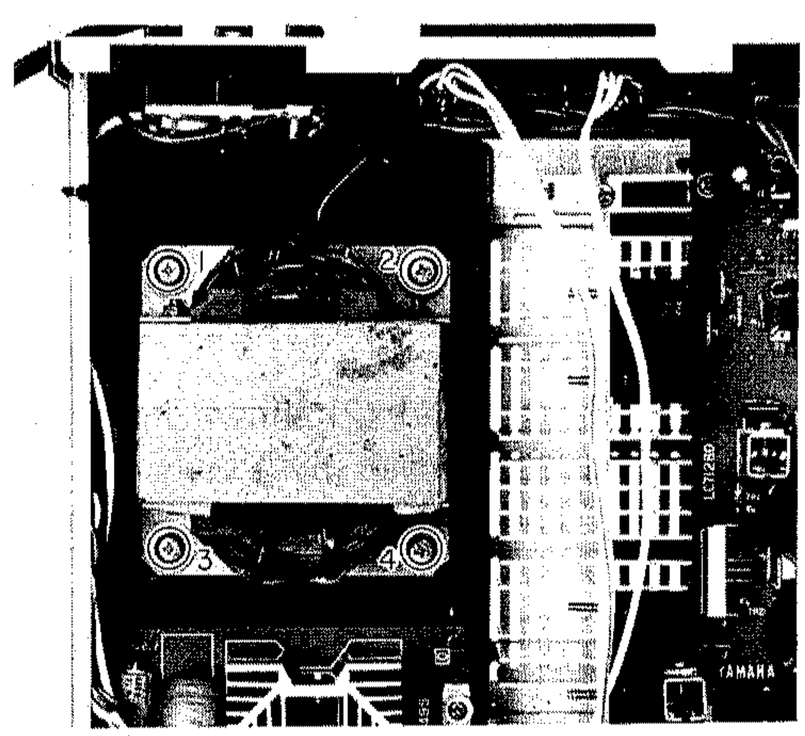


Photo 8

■ ADJUSTMENT

Power Supply voltage
- U.S.A. and Canadian : AC 120V
- General : AC 115V
- North European : AC 220V
- Australia and British : AC 240V

Prior To Adjustment

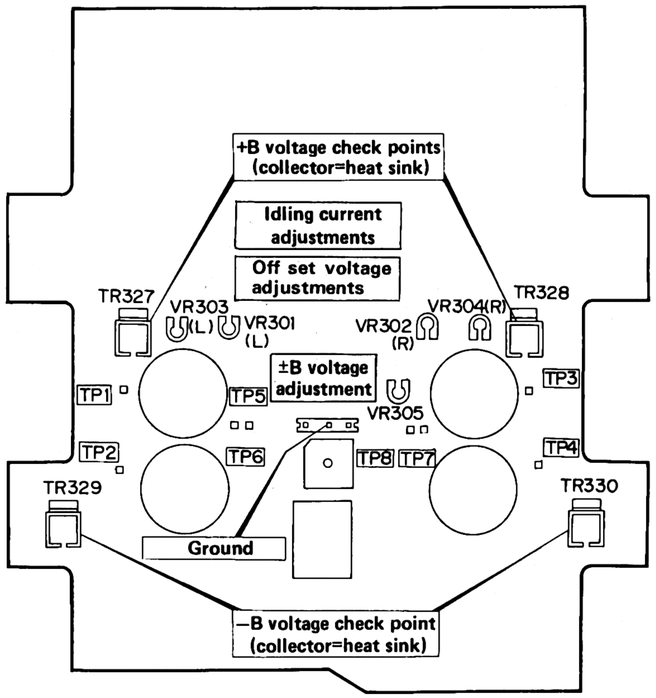
- Idle the unit for about 5 minutes before adjustment.

Step	Item	Condition	Adjustment	Test Point	Specification	Measuring Instrument
1	Idling current adjust-adjustment	VOLUME minimum position	Main board (1) VR303 (L-ch) VR304 (R-ch)	TP_1 – TP_2 (L) TP_3 – TP_4 (R)	10 ± 5mV	Digital voltmeter
2	Offset voltage adjustment	VOLUME minimum position	Main board (1) VR301 (L-ch) VR302 (R-ch)	TP_5 – TP_6 (L) TP_7 – TP_8 (R)	0 ± 10mV	Same as above
3	Main ± B voltage adjustment	Non-load	Main board (1) VR305	Control board P1 terminal – Chassis earth	***	Digital voltmeter
4	Photo-coupler current check	VOLUME minimum position; non-load	Across P_1 and TP_3 on the control board (If the voltage is outside the specification, adjust VR501 on the control board and VR305 on the main board alternately until the ± B voltage and the voltage across P_1 and TP_3 are within the specification.)		1.2V ± 0.2V	Same as above

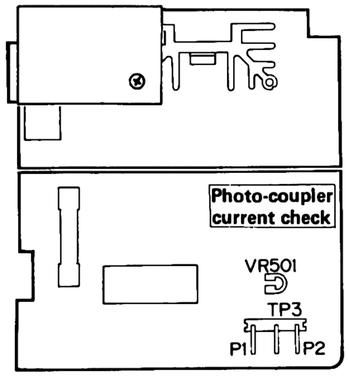
*** U.S.A. and Canadian, General 47.5V ± 0.3V
N. European, Australia, British 47.0V ± 0.3V

■ ADJUSTING POINTS

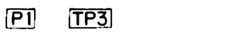
Main C.Board



Control C. Board (1)

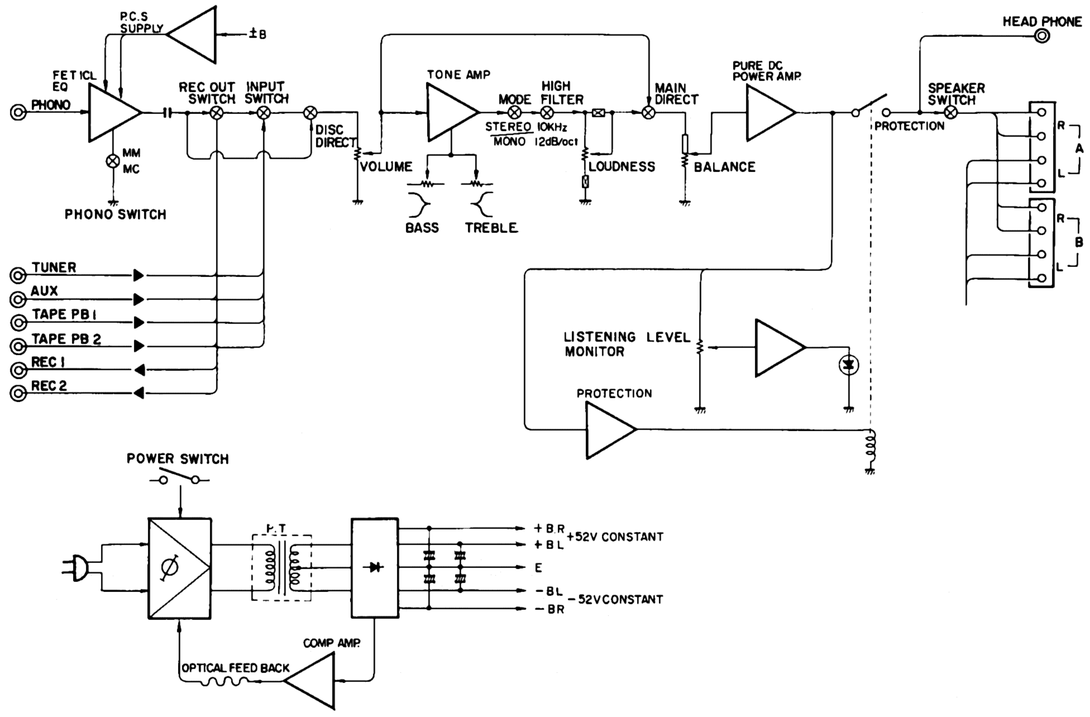


Control C. Board (2)



FRONT

■ BLOCK DIAGRAM



■ SPECIFICATIONS

Minimum RMS Output Power
8 ohms, 20 to 20,000Hz 0.01% THD ..... 80 W + 80 W
(DIN) ..... 100 W + 100 W

Total Harmonic Distortion
(20 to 20,000 Hz)
Phono MM to Rec Out (5 V output) 0.003%
Phono MC to Rec Out (5 V output) 0.006%
Aux/Tape/Tuner to Sp Out (40 W) 0.005%

IM Distortion Ratio (60 Hz : 7 kHz=4 : 1)
Aux/Tape/Tuner to Sp Out
8 ohms, 40 W 0.002%
8 ohms, 1 W 0.01%

Power Bandwidth
(8 ohms, 40 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/47 k ohms
Phono MC ..... 250 μV/100 ohms
Aux/Tape/Tuner ..... 150 mV/47 kohms

Maximum Input Level (1 kHz)
Phono MM ..... 180 mV RMS
Phono MC ..... 18 mV RMS

Tone Control Characteristics
Bass ..... ±10 dB at 20 Hz
Treble ..... ±10 dB at 20 kHz
Turnover Frequencies Bass ..... 500 Hz
Treble ..... 3.5 kHz

Output Level/Impedance
Rec Out ..... 150 mV/550 ohms

Signal-to-Noise Ratio
(IHF A Network, Input Shorted)
Phono MM (10 mV) ..... 98 dB
Phono MC (500 μV) ..... 76 dB
Aux/Tape/Tuner (150 mV) ..... 103 dB

Residual Noise
(IHF A Network) ..... 165 μV

Filter Characteristics
High ..... 10 kHz, 12 dB/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

Headphone Output ..... 6.5 mW (8 ohms, 0.01% THD)

Semiconductors ..... 47 Transistors, 4 ICs, 8 FETs, 54 Diodes, 3 LEDs

Power Supplies
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 ..... 350 W/850 VA
General ..... 350 W
Britain, Australia and North European ..... 520 W

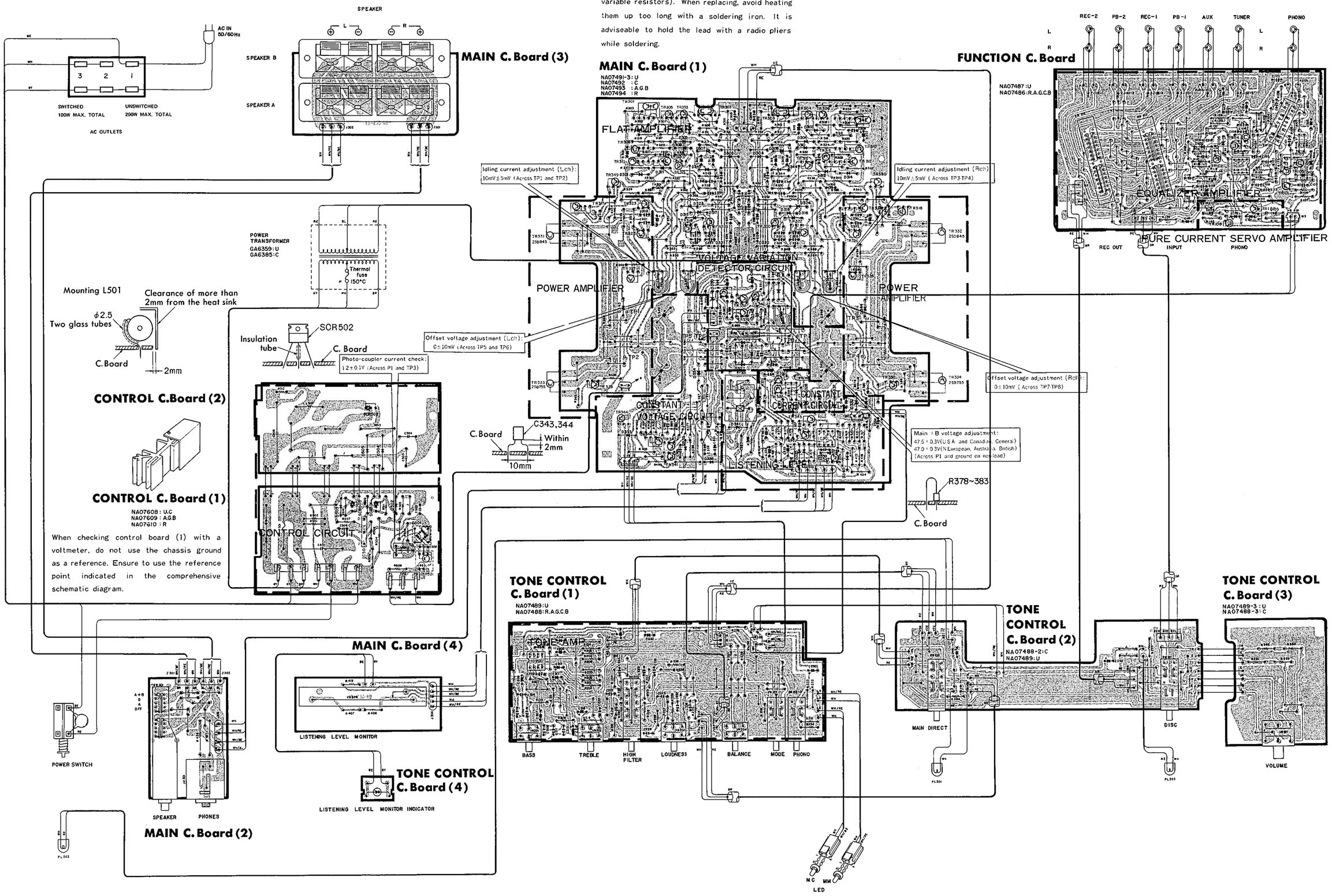
Dimensions (W x H x D) ..... 435 x 112 x 365 mm (17-1/8" x 4-7/16" x 14-3/8")

Weight ..... 9.1 kg (20 lbs., 7 oz.)

Specifications subject to change without notice.

WIRING

TH 301 and 302 are thermistors (thermo-sensitive variable resistors). When replacing, avoid heating them up too long with a soldering iron. It is adviseable to hold the lead with a radio pliers while soldering.

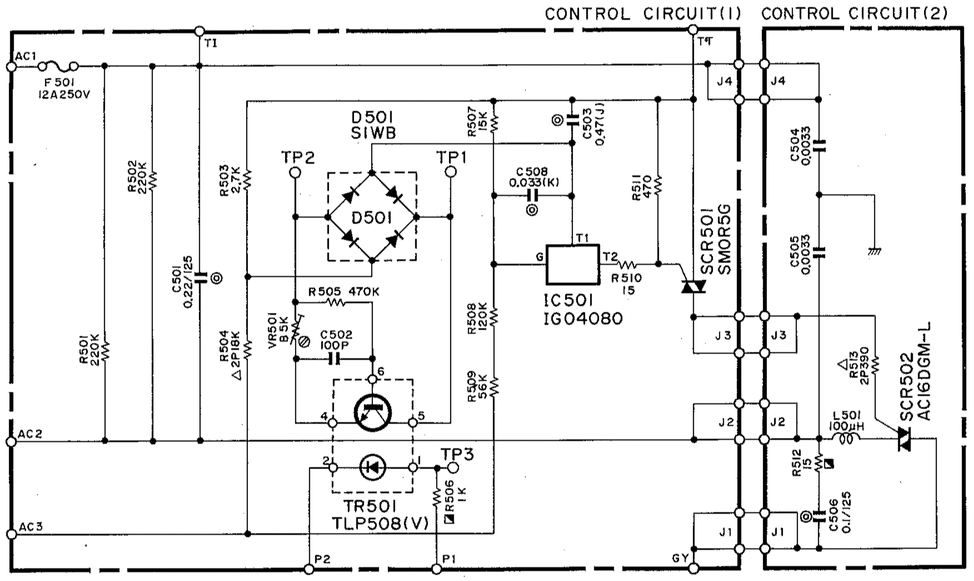


A-760

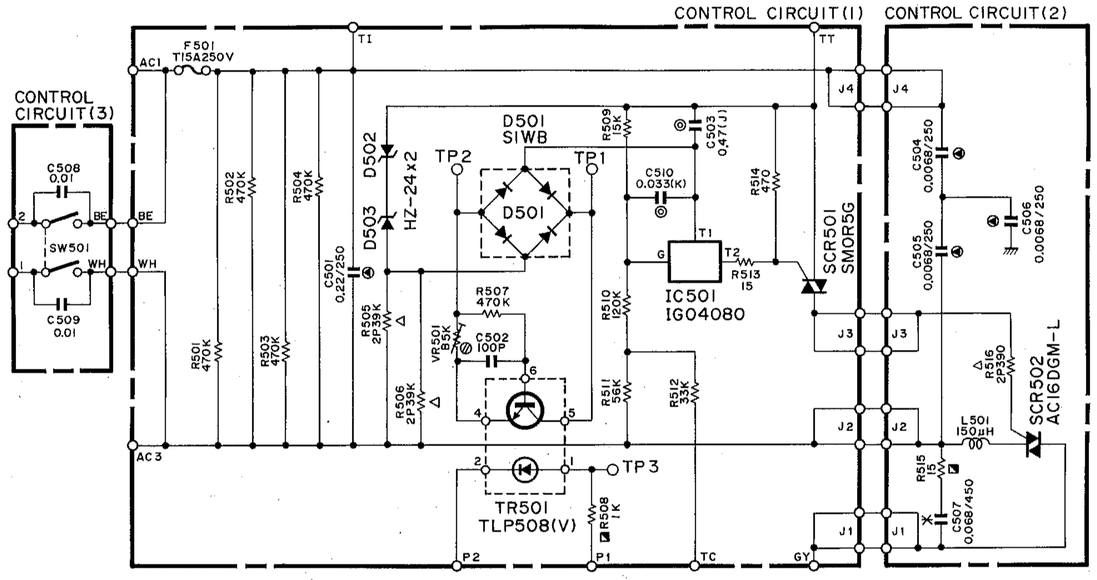
Please file this bulletin with your A-760 service manual.

(#101001 ~ #107700 [Except #104601 ~ #104800 and #105701 ~ #105800])

■CONTROL C. BOARD/SCHEMATIC DIAGRAM (U.S.A and Canadian Model)



■CONTROL C. BOARD/SCHEMATIC DIAGRAM (General model)



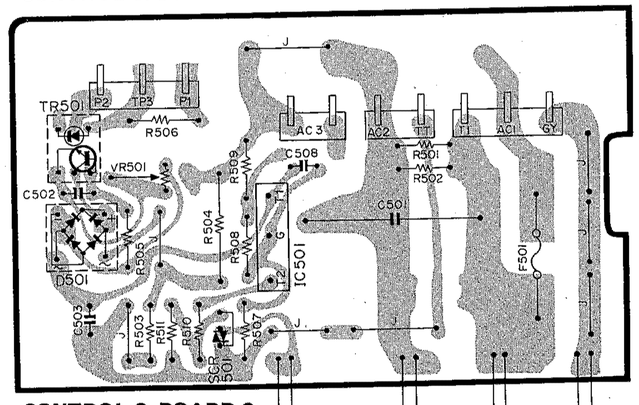
RESISTOR

REMARKS	PART NAME
NO MARK	CARBON RESISTOR
△	METAL OXIDE FILM RESISTOR
▲	METALIZED FILM RESISTOR
⊠	METAL PLATE RESISTOR
◪	FLAME PROOF CARBON RESISTOR
⊘	SEMI VARIABLE RESISTOR

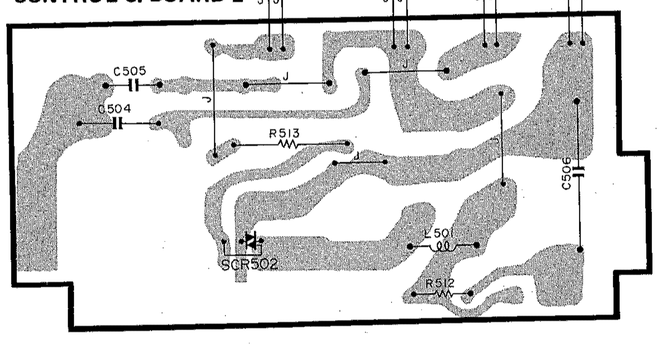
CAPACITOR

REMARKS	PART NAME
NO MARK	CERAMIC CAPACITOR
◎	MYLAR CAPACITOR
○	POLYSTYRENE CAPACITOR
*	PAPER CAPACITOR
PS	P.S. CAPACITOR

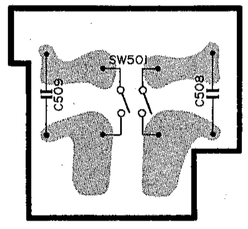
CONTROL C. BOARD 1



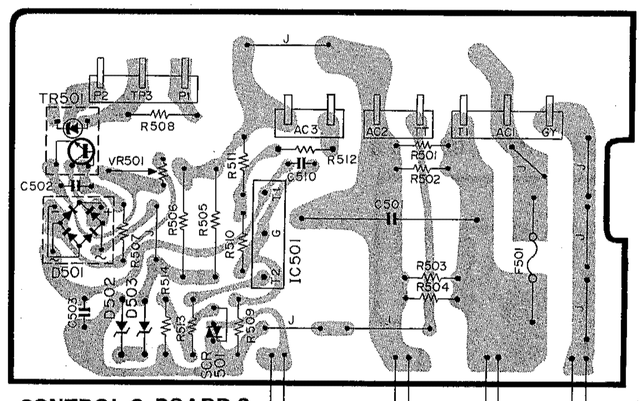
CONTROL C. BOARD 2



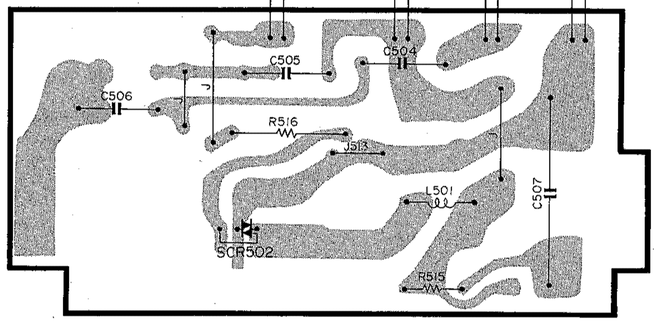
CONTROL C. BOARD 3



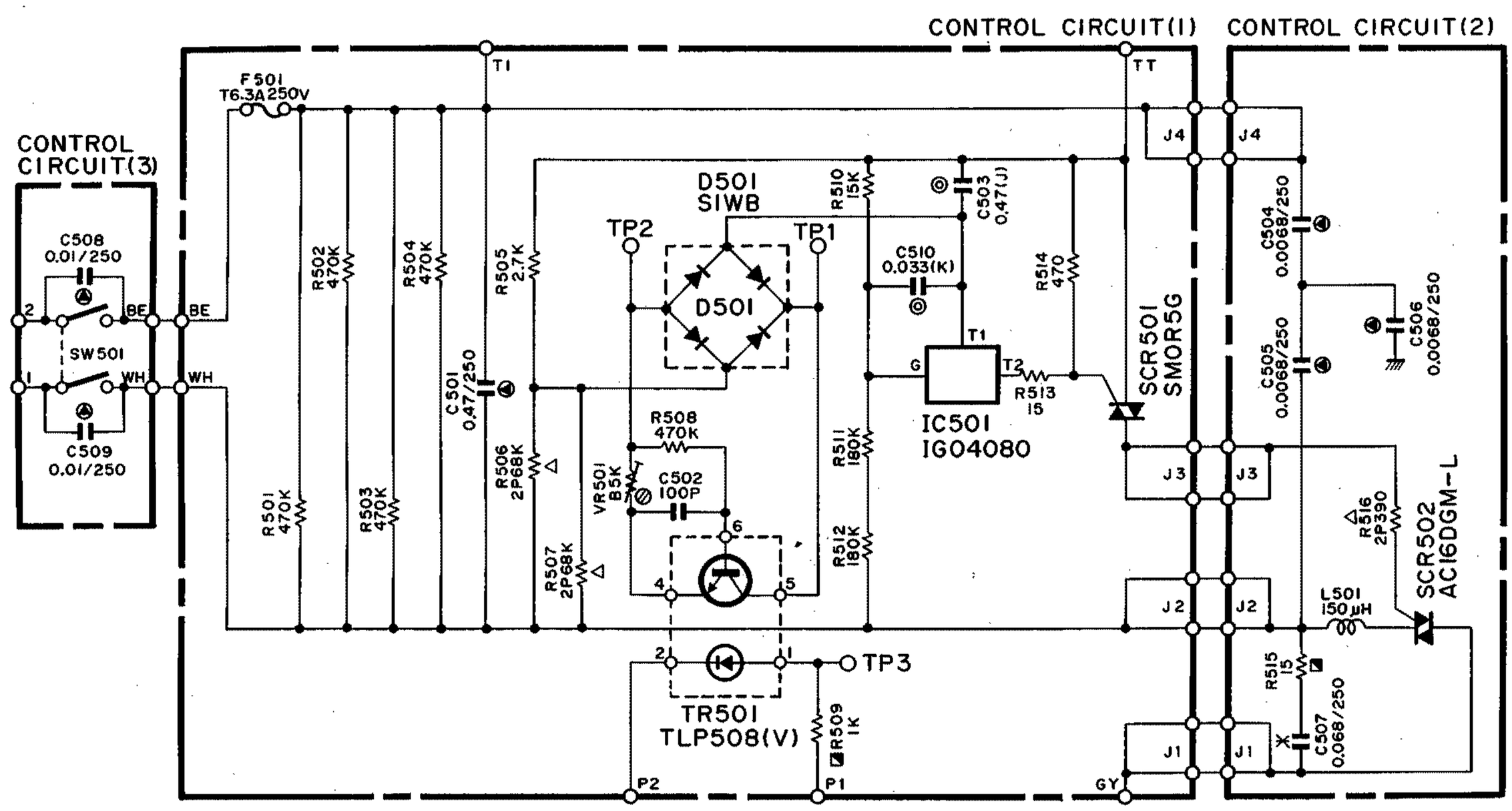
CONTROL C. BOARD 1



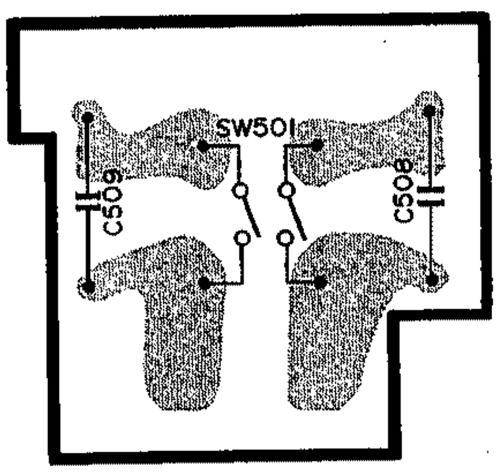
CONTROL C. BOARD 2



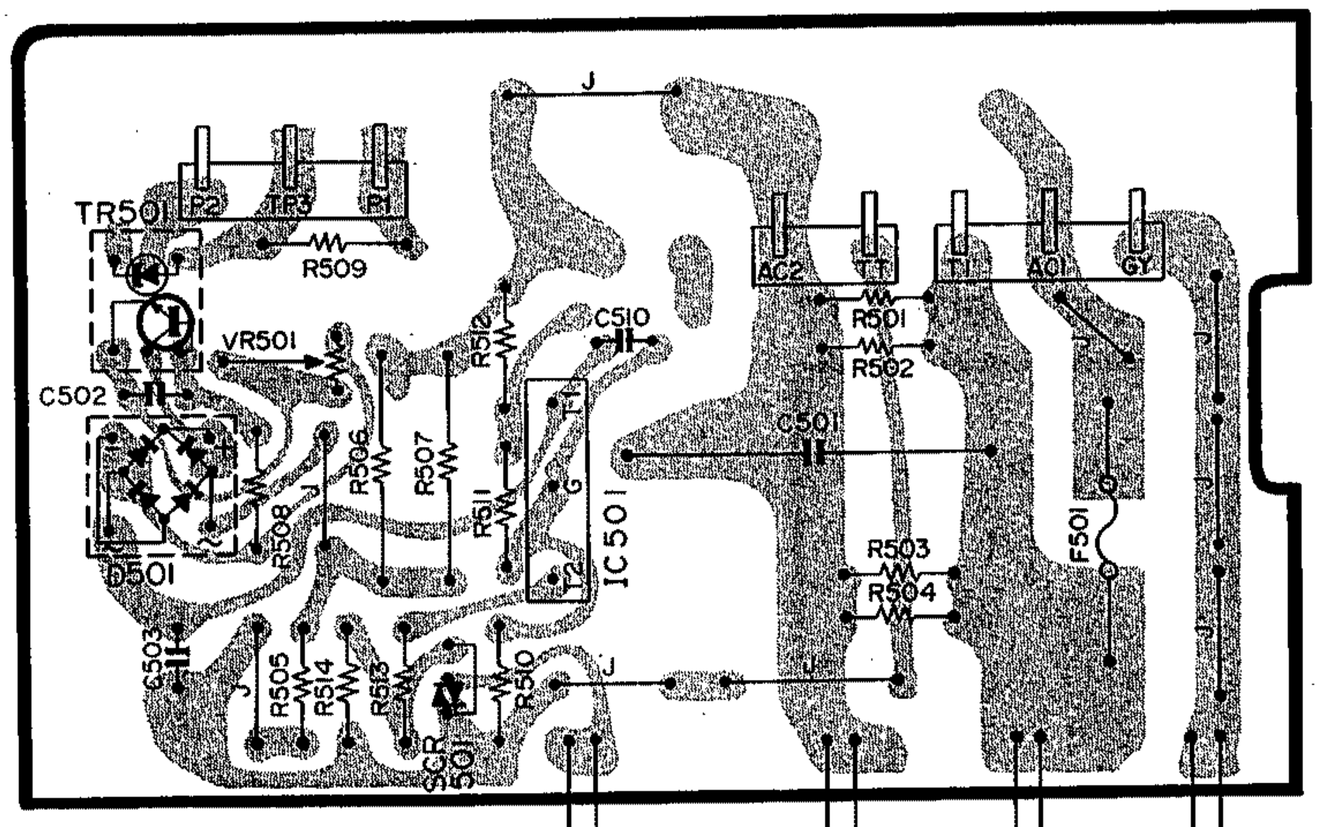
■CONTROL C. BOARD/SCHEMATIC DIAGRAM (British, Australian, North European models)



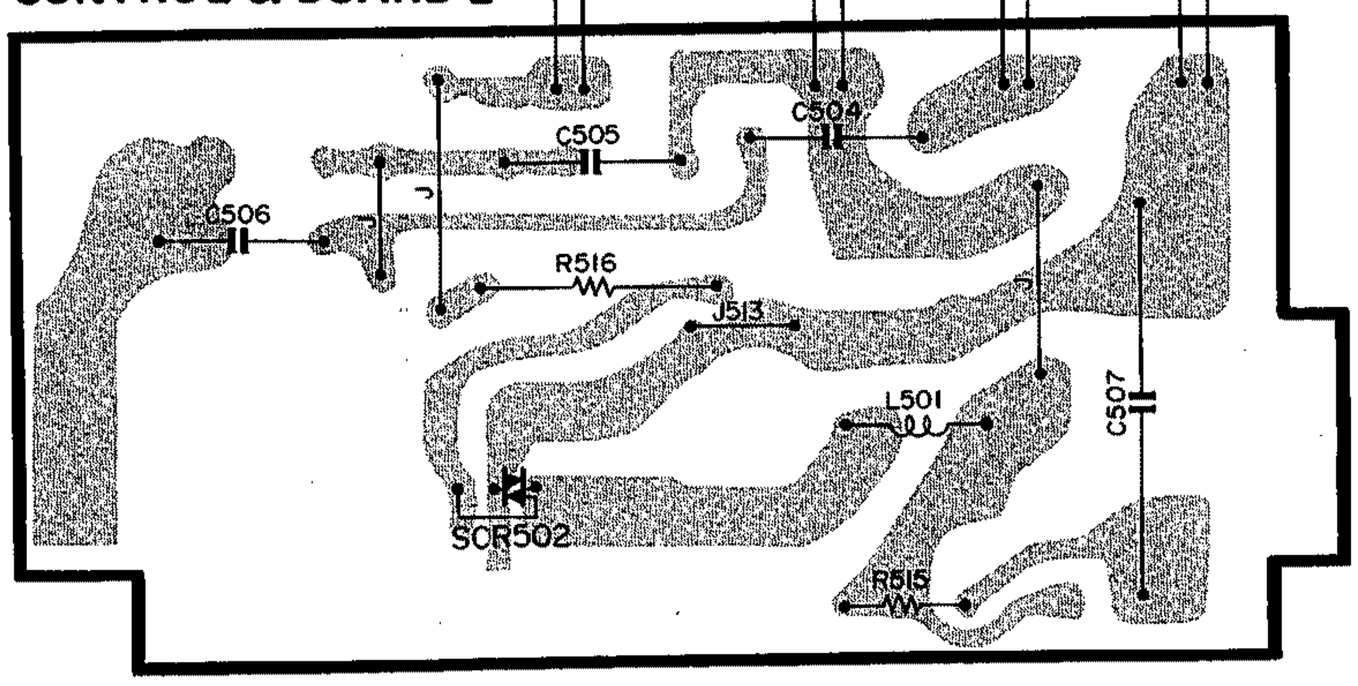
CONTROL C. BOARD 3

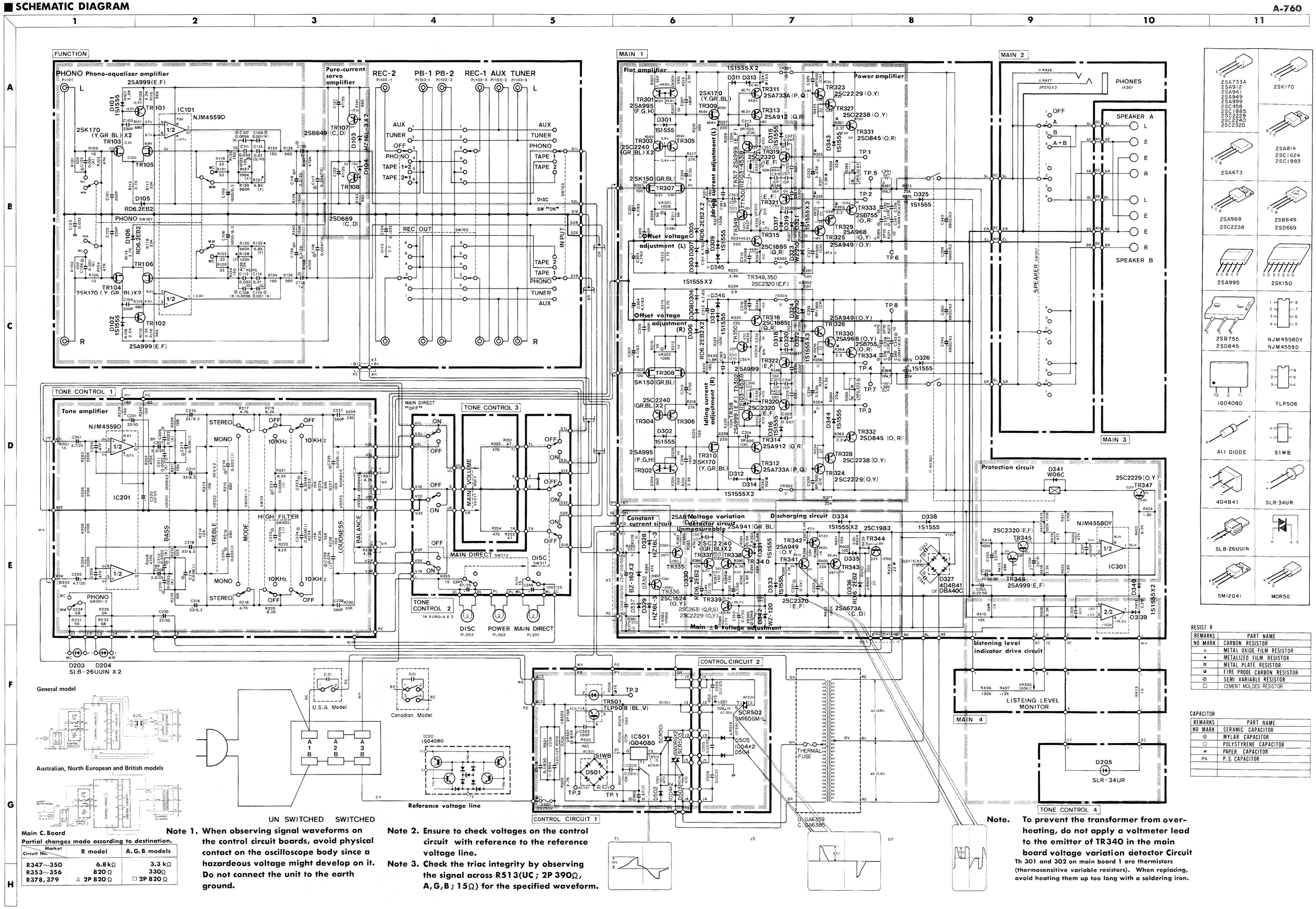


CONTROL C. BOARD 1



CONTROL C. BOARD 2





Main C. Board

Partial changes made according to destination.

Circuit No. \ Market	R model	A. G. B models
R347~350	6.8kΩ	3.3 kΩ
R353~356	820 Ω	330Ω
R378, 379	△ 2P 820 Ω	□ 2P 820 Ω

Note 1. When observing signal waveforms on the control circuit boards, avoid physical contact on the oscilloscope body since a hazardeous voltage might develop on it. Do not connect the unit to the earth ground.

Note 2. Ensure to check voltages on the control circuit with reference to the reference voltage line.

Note 3. Check the triac integrity by observing the signal across R513(UC ; 2P 390Ω, A,G,B ; 15Ω) for the specified waveform.

Note. To prevent the transformer from overheating, do not apply a voltmeter lead to the emitter of TR340 in the main board voltage variation detector Circuit

Th 301 and 302 on main board 1 are thermistors (thermosensitive variable resistors). When replacing, avoid heating them up too long with a soldering iron.

RESIST R

REMARKS	PART 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	PART NAME
NO MARK	CERAMIC CAPACITOR
◎	MYLAR CAPACITOR
○	POLYSTYRENE CAPACITOR
✳	PAPER CAPACITOR
PS	P. S. CAPACITOR

PARTS LIST

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■ CONTENTS

■ EXPLODED VIEW 1

■ PARTS LIST (Mechanism) 2

■ PARTS LIST (Circuit Board)

Function C. Board 4

Tone Control C. Board 5

Main C. Board 6

Control C. Board 10

SINCE 1887 YAMAHA

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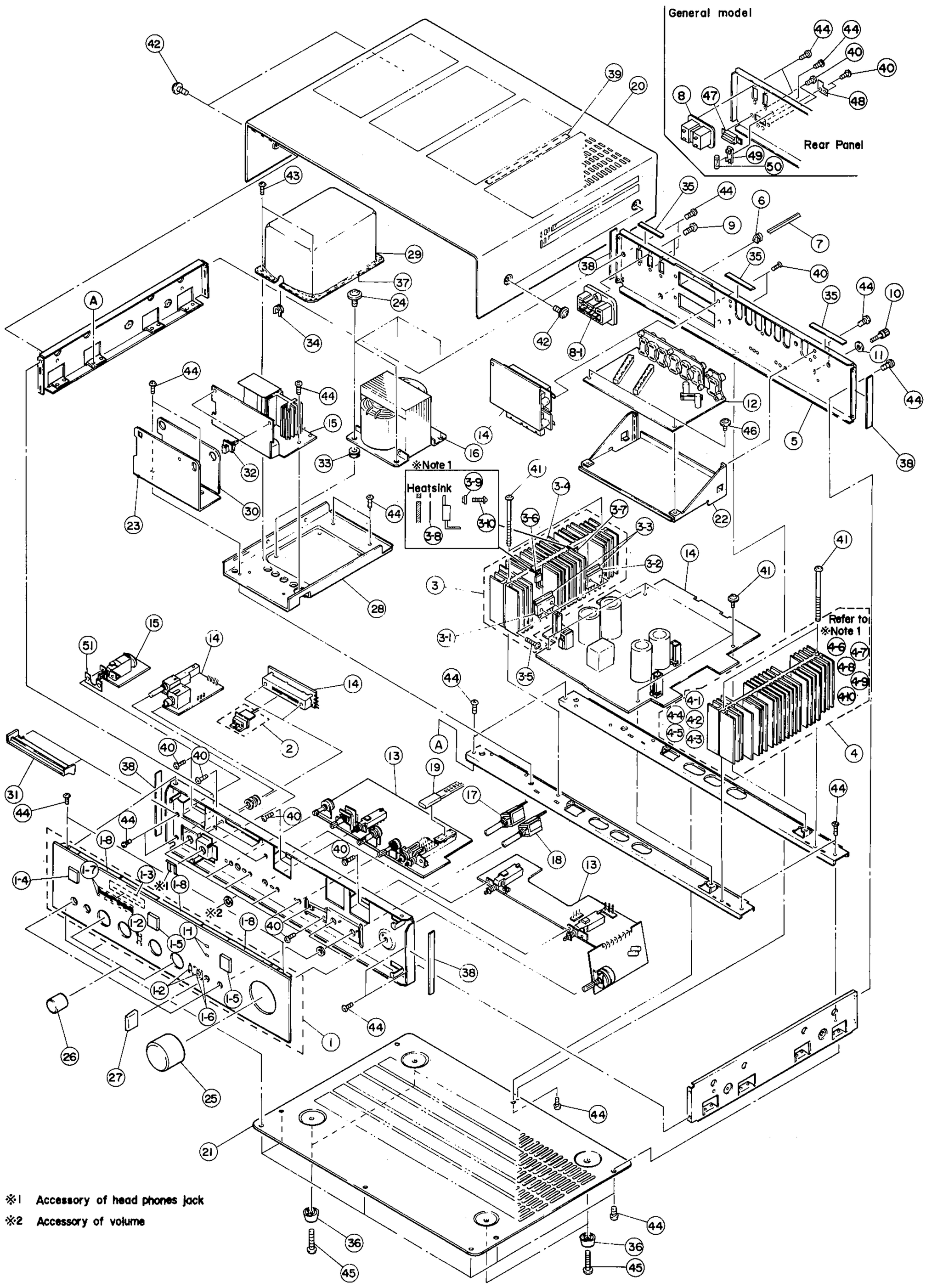
004417

A-760 ■ EXPLODED VIEW



■ PARTS LIST (Mechanism)

	Ref. No.	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
※	1	32 00 00 NB 09 88 90	Panel Unit	パネルユニット			
	1-1	42 00 00 i F 00 12 40	LED (Orange) SLB-26UU1N	LED角形(オレンジ)			
	1-2	32 00 00 NB 09 39 20	Push Button Ass'y #9392	プッシュボタンAss'y		CR-440	
※	1-3	32 00 00 CB 09 97 50	Frame, Slit #9975	スリット枠			
	1-4	32 00 00 NB 09 14 30	Push Button Ass'y #9143	プッシュボタンAss'y		A-550	
	1-5	32 00 00 NB 09 14 50	〃 #9145	〃		〃	
	1-6	42 00 00 CB 07 41 90	Adhesive Tape 5×30	ダブルタックテープ			
	1-7	42 00 00 CB 07 41 90	〃 5×80	〃			
	1-8	42 00 00 CB 08 50 50	Tape (Anti-vibration) 3×7×50	防振テープ			
※	2	32 00 00 NB 09 79 40	LED Knob Ass'y	LEDツマミAss'y			R,A,G,C,B
※	〃	32 00 00 NB 09 89 00	〃	〃			U
※	3	32 00 00 NB 09 89 10	Radiator (L) Unit	ラジエター(L)ユニット			
※	3-1	42 00 00 i B 07 55 00	Transistor 2SB755 (R,O)	ペアトランジスタ	TR333		
※	3-2	42 00 00 i D 08 45 00	〃 2SD845 (R,O)	〃	TR331		
	3-3	42 00 00 i L 00 05 10	Mica Base AC-243	マイカベース			
※	3-4	32 00 00 BA 07 94 50	Heat Sink	放熱板			
	3-5	42 00 00 EK 09 50 50	Bind Head Tap Tight Screw 3×12 (ZMC2-Y)	鉄バインドタップタイトネジ	(B-tyte)		
	3-6 (4-6)	42 00 00 i A 09 68 00	Transistor 2SA968 (O,Y)	ペアトランジスタ	TR329(TR330)		Radiator (R) 〃 (L) Unit
	3-7 (4-7)	42 00 00 i C 22 38 00	〃 2SC2238 (O,Y)	〃	TR327(TR328)		
	3-8 (4-8)	42 00 00 i L 00 02 70	Mica Base AC-229	マイカベース			
	3-9 (4-9)	32 00 00 CB 07 28 80	Bush	絶縁ブッシュ			
	3-10 (4-10)	42 00 00 EK 03 00 30	B.W Head Tapping Screw 2.6×12 (ZMC2-Y)	鉄BWヘッドタッピンネジ			
※	4	32 00 00 NB 09 89 20	Radiator (R) Unit	ラジエター(R)ユニット			
※	4-1	42 00 00 i B 07 55 00	Transistor 2SB755 (R,O)	ペアトランジスタ	TR334		
※	4-2	42 00 00 i D 08 45 00	〃 2SD845 (R,O)	〃	TR332		
	4-3	42 00 00 i L 00 05 10	Mica Base AC-243	マイカーベース			
※	4-4	32 00 00 BA 07 94 50	Heat Sink #7945	放熱板			
	4-5	42 00 00 EK 09 50 50	Bind Head Tap Tight Screw 3×12 (ZMC2-Y)	鉄バインドタップタイトネジ			
※	5	32 00 00 AA 60 35 90	Rear Panel	リアパネル			U,C
※	〃	32 00 00 AA 60 35 80	〃	〃			R
※	〃	32 00 00 AA 60 36 00	〃	〃			A,B
※	〃	32 00 00 AA 60 36 10	〃	〃			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 08 90	Power Cord (Black) 2m 13A 125V	電源コード			U,C
	〃	42 00 00 MG 00 07 80	〃 〃 6A 250V	〃			R
	〃	42 00 00 MG 00 09 10	〃 〃 〃	〃			G
	〃	42 00 00 MG 00 09 20	〃 (Gray) 2.5m 7.5A 250V	〃			A
	〃	42 00 00 MG 00 10 00	〃 (Black) 2m 6A 300/500V	〃			B
	8	42 00 00 LB 40 06 50	AC Outlet M7013-A	ACアウトレット			R
	8-1	42 00 00 LB 60 29 80	〃 M7017-A	〃		CR-640	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グネジ	Type-2		
	10	42 00 00 EZ 00 14 00	Screw (for Earth Teminal) 3×13.5 (MFNi-II)	アース端子ネジ			
	11	42 00 00 EW 40 36 50	Sems Flat Washer φ3.6×φ10×t0.8 (FNM3-38)	鉄セムス平座金			
※	12	32 00 00 NA 07 48 70	Function Circuit Board	ファンクションシート			U
※	〃	32 00 00 NA 07 48 60	〃	〃			R,A,G,C,B
※	13	32 00 00 NA 07 48 90	Tone Control Circuit Board	トーンコントロールシート			U
※	〃	32 00 00 NA 07 48 80	〃	〃			R,A,G,C,B
※	14	32 00 00 NA 07 49 10	Main Circuit Board	メインシート			U
※	〃	32 00 00 NA 07 49 20	〃	〃			C
※	〃	32 00 00 NA 07 49 30	〃	〃			A,G,B
※	〃	32 00 00 NA 07 49 40	〃	〃			R

※ : New Part (新部品)

	Ref. No.	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
※	15	32 00 00 NA 07 60 80	Control Circuit Board	制御シート			U,C
※	〃	32 00 00 NA 07 60 90	〃	〃			A,G,B
※	〃	32 00 00 NA 07 61 00	〃	〃			R
※	16	42 00 00 GA 63 59 00	Power Transformer	電源トランス			U
※	〃	42 00 00 GA 63 60 00	〃	〃			G
※	〃	42 00 00 GA 63 61 00	〃	〃			A,B
※	〃	42 00 00 GA 63 62 00	〃	〃			R
※	〃	42 00 00 GA 63 85 10	〃	〃			C
※	17	42 00 00 KA 90 16 40	Remote Rotary Switch	リモートロータリーSW	Control + Wire		
※	18	42 00 00 KA 90 16 50	〃	〃	〃		
※	19	42 00 00 KA 90 16 70	Remote Push Switch	リモートプッシュSW	Wire		
※	20	32 00 00 AA 60 38 70	Top Cover	トップカバー			
※	21	32 00 00 AA 60 36 20	Bottom Cover	ボトムカバー			
※	22	32 00 00 AA 60 36 50	Holder, P.C Board	シートホルダー			
※	23	32 00 00 AA 60 41 90	Holder, CS	C.Sホルダー			
※	24	32 00 00 AA 60 38 50	Tight Screw (with Steps)	段付ネジ			
※	25	32 00 00 BA 07 33 80	VOL Knob	VOLツマミ			
	26	32 00 00 BA 07 72 80	T.C Knob	T.Cツマミ		CR-240	
※	27	32 00 00 BA 07 94 60	Knob SW	SWツマミ			
※	28	32 00 00 BA 07 96 40	Holder, Power Transformer	トランスホルダー			
※	29	32 00 00 BA 07 95 70	Cover, Transformer	トランスカバー			
※	30	42 00 00 CA 07 05 80	Isolation Plate	絶縁板			
※	31	32 00 00 CB 09 97 40	Cover, Slit	スリットカバー			
※	32	32 00 00 CB 09 98 30	Support, P.C	P.Cサポート			
※	33	32 00 00 CB 09 99 10	Rubber, Antivibration	防振ゴム			
※	34	32 00 00 CB 60 05 70	Bush	リードブッシュ			
※	35	42 00 00 CB 09 98 10	Rubber, Antivibration	防振ゴム			
	36	42 00 00 CB 09 86 00	Leg	脚			
※	37	42 00 00 CB 60 05 60	Packing Cover	カバーパッキン			
※	38	42 00 00 CB 60 06 40	Damper	ダンパー			
※	39	42 00 00 CB 60 05 80	Tape Antivibration 1.52×10×110	防振テープ			
	40	42 00 00 ED 03 00 80	Bind Head Screw 3×6 (ZMC2-Y)	鉄バインド小ネジ			
※	41	42 00 00 ED 04 07 50	〃 4×75 (〃)	〃			
	42	42 00 00 EK 13 00 20	B.W Head Screw 4×8 φ9 (FNM3-3g)	鉄プレザーワッシャーヘッド小ネジ			
	43	42 00 00 EN 33 00 10	Bind Head Tapping Screw 3×8 (ZMC2-BI)	鉄バインドタッピンネジ	Type-2		
	44	42 00 00 EN 03 00 20	〃 3×8 (ZMC2-Y)	〃	〃		
	45	42 00 00 EN 02 00 40	〃 3×12 (〃)	〃	〃		
	46	42 00 00 EK 93 00 10	B.W Head Tapping Screw 3×8 φ10 (ZMC2-Y)	鉄B.Wヘッドタッピンネジ	〃		
	47	42 00 00 KA 40 07 40	Slide Switch (Voltage Selector)	スライドSW			R
	48	32 00 00 CB 60 14 40	Switch Guard	VSストッパー			R
	49	42 00 00 LB 20 13 00	Fuse Holder	ヒューズホルダー			R
	50	42 00 00 KB 00 13 00	Fuse T7A 250V	ヒューズタイラッシュ			R
※	51	42 00 00 CB 60 29 20	Spacer, Switch	SWスペーサー			
※		32 00 00 MZ 07 90 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	Connect Pin 2.5Pitch (SHF-001T-08CS)	2.5ピッチコンタクトピン	Connector Tone Control		
		42 00 00 LB 20 13 80	Housing 2.5 Pitch (H2P-SHF)	2.5ピッチハウジング			
		42 00 00 LB 30 07 20	〃 2.5 〃 (H3P-SHF)	〃			
		42 00 00 CB 07 21 70	Shield Cap	シールドキャップ			
		42 00 00 CB 07 78 60	〃 344325	〃			
		42 00 00 CB 07 78 70	〃 324332	〃			
※		32 00 00 MZ 07 93 70	Connector (Main C,Board) Ass'y	メインコネクターAss'y			
		32 00 00 NB 07 62 40	Accessories Assembly	付属品Ass'y		CA-410	
		42 00 00 TX 90 07 80	Hexagonal Wrench	六角レンチ1.5φ			

※ : New Part (新部品)

■PARTS LIST (Circuit Board)

	Ref. No.	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
※		32 00 00 NA 07 48 70	Function Circuit Board	ファンクションシート			U
※		32 00 00 NA 07 48 60	〃	〃			R,A,G,C,B
	C101 C102	42 00 00 FG 51 22 20	Ceramic Capacitor 220PF 50V SL(K)	フォーミングセラコン			
	C103 C104	42 00 00 FG 21 23 30	〃 330PF 〃	〃			
	C105 C106	42 00 00 UW 81 91 00	Electrolytic Capacitor 1000μF 6.3V	ケミコン小形自立形			
※	C107 C108	42 00 00 FA 81 35 60	Mylar Capacitor 0.0056μF 50V(K)	マイラーコン自立形			
	C109 C110	42 00 00 FA 81 31 00	〃 0.001μF 〃	〃			
※	C111 C112	42 00 00 FT 76 43 30	Polypropylene film Capacitor 0.033μF 50V(G)	PSコン自立形			
※	C113 C114	42 00 00 FT 76 41 00	〃 0.01μF 〃	〃			
※	C115 C116	42 00 00 UA 55 61 00	Mylar Capacitor 1.0μF ECQ-V	マイラーコン			
※	C117 C118	42 00 00 FA 81 34 70	Mylar Capacitor 0.0047μF 50V(K)	マイラーコン自立形			
	C119 C120	42 00 00 FL 64 62 20	Electrolytic Capacitor 2.2μF 25V	B.Bコン	Nonpolar Type		
	C121 C122	42 00 00 UW 84 74 70	Electrolytic Capacitor 47μF 25V	ケミコン小形自立形			
※	C123 C124	42 00 00 FG 54 43 30	Ceramic Capacitor 0.033μF 50VF(Z)	フォーミングセラコン			
	C125 C126	42 00 00 FA 81 31 00	Mylar Capacitor 0.001μF 50V(K)	マイラーコン自立形			
	R101 R102	42 00 00 HJ 35 51 00	Carbon Resistor RD25 SM-8 100Ω	カーボン抵抗			
	R103 R104	42 00 00 HJ 35 74 70	〃 47KΩ	〃			
	R105 R106	42 00 00 HJ 35 41 00	〃 10Ω	〃			
	R107 ~110	42 00 00 HJ 35 62 20	〃 2.2KΩ	〃			
	R111 R112	42 00 00 HJ 35 56 80	〃 680Ω	〃			
	R113 R114	42 00 00 HJ 35 62 70	〃 2.7KΩ	〃			
	R115 R116	42 00 00 HJ 35 75 60	〃 56KΩ	〃			
	R117 R118	42 00 00 HJ 35 73 30	〃 33KΩ	〃			
	R119 ~122	42 00 00 HJ 35 43 30	〃 33Ω	〃			
	R123 R124	42 00 00 HJ 35 51 50	〃 150Ω	〃			
	R125 R126	42 00 00 HJ 35 71 20	〃 12KΩ	〃			
	R127 R128	42 00 00 HU 57 81 00	Metal Oxide Film Resistor SN14K2E(F) 100KΩ	金属被膜抵抗			
	R129 R130	42 00 00 HJ 35 85 60	Carbon Resistor RD-25 SM-8 560KΩ	カーボン抵抗			
	R131 R132	42 00 00 HU 57 66 80	Metal Oxide Film Resistor SN14K2E(F) 6.8KΩ	金属被膜抵抗			
	R133 R134	42 00 00 HJ 35 51 50	Carbon Resistor RD-25 SM-8 150Ω	カーボン抵抗			
	R135 R136	42 00 00 HJ 35 55 60	〃 560Ω	〃			
	R137 R138	42 00 00 HJ 35 84 70	〃 470KΩ	〃			
	R139 R140	42 00 00 HJ 35 81 50	〃 150KΩ	〃			
	R141 R142	42 00 00 HJ 35 55 60	〃 560Ω	〃			
	TR101 TR102	42 00 00 iA 09 99 10	Transistor 2SA999(E,F)	トランジスタ			
※	TR103 ~ 106	42 00 00 iE 10 24 00	FET 2SK170(Y,GR,BL)	FET			
	TR107	42 00 00 iB 06 49 00	Transistor 2SB649(C,D)	トランジスタ			
	TR108	42 00 00 iD 06 69 00	〃 2SD669(C,D)	〃			
	IC101	42 00 00 iG 03 96 00	IC NJM4559	IC			
	D101 D102	42 00 00 iF 00 00 40	Diode IS1555	ダイオード			
※	D103 D104	42 00 00 iF 00 20 80	Zener Diode HZ16L-3	ツェナーダイオード			
	D105 D106	42 00 00 iF 00 14 70	〃 RD6,2EB2	〃			
※	SW101	42 00 00 KA 90 16 80	Remote Push Switch	リモートプッシュSW			
	SW102 SW103	42 00 00 KA 90 12 30	Remote Rotary Switch	リモートロータリーSW			
	PJ101	42 00 00 LB 20 17 30	2P Pin Jack	2Pピンジャック			
	PJ102 PJ103	42 00 00 LB 60 19 30	6P Pin Jack	6Pピンジャック			

※：New Part (新部品)

Ref. No.	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
	42 00 00 LA 00 21 20	Wrapping Terminal P=5 3P	i型ラッピング端子板			
	42 00 00 LB 20 13 90	2.5 Pich Base Pin(B2P-SHF) 2P	2.5ピッチベースピン			
	32 00 00 AA 60 02 50	Shield Plate #60025	シールド板		C-6	
※	32 00 00 NA 07 48 90	Tone Control Circuit Board	トーンコントロールシート			U
※	32 00 00 NA 07 48 80	〃	〃			R,A,G,C,B
C201 ~204	42 00 00 UW 84 64 70	Electrolytic Capacitor 4.7μF 25V	ケミコン小形自立形			
C205 C206	42 00 00 FG 51 14 70	Ceramic Capacitor 47PF SL(K)	フォーミングセラコン			
C207 C208	42 00 00 FL 64 62 20	Electrolytic Capacitor 2.2μF 25V	B.Pコン自立形	Nonpolar Type		
C209 ~212	42 00 00 FA 81 32 20	Mylar Capacitor 0.0022μF 50V(K)	マイラーコン自立形			
C213 C214	42 00 00 FA 85 43 90	〃 0.039μF 50V(J)	〃			
C215 ~218	42 00 00 UW 81 73 30	Electrolytic Capacitor 33μF 6.3V	ケミコン小形自立形			
C219 C220	42 00 00 FA 85 42 20	Mylar Capacitor 0.022μF 50V(J)	マイラーコン自立形			
※ C221 C222	42 00 00 FA 85 35 60	〃 0.0056μF 〃	〃			
C223 C224	42 00 00 FA 85 31 80	〃 0.0018μF 〃	〃			
C225 C226	42 00 00 FA 85 43 90	〃 0.039μF 〃	〃			
C227 C228	42 00 00 FG 51 25 60	Ceramic Capacitor 560PF 50V B(K)	フォーミングセラコン			
※ C230	42 00 00 UW 86 72 20	Electrolytic Capacitor 22μF 50V	ケミコン小形自立形			
※ C231 C232	42 00 00 UW 86 73 30	〃 33μF 50V	〃			
C241 C242	42 00 00 FD 65 24 70	Polystrene Film Capacitor 470PF50V(K)	スチコン自立形			
C243 C244	42 00 00 FG 51 14 70	Ceramic Capacitor 47PF 50V SL(K)	フォーミングセラコン			
C245	42 00 00 UW 84 74 70	Electrolytic Capacitor 47μF 25V	ケミコン小形自立形			
C246	42 00 00 UW 84 81 00	〃 100μF 25V	〃			
R201 R202	42 00 00 HJ 35 61 00	Carbon Resistor RD25 SM-8 1KΩ	カーボン抵抗			
R203 R204	42 00 00 HJ 35 82 20	〃 220KΩ	〃			
R205 R206	42 00 00 HJ 35 82 70	〃 270KΩ	〃			
R207 R208	42 00 00 HJ 35 84 70	〃 470KΩ	〃			
R209 ~214	42 00 00 HJ 35 71 00	〃 10KΩ	〃			
R215 R216	42 00 00 HJ 35 56 80	〃 680Ω	〃			
R217 R218	42 00 00 HJ 35 64 70	〃 4.7KΩ	〃			
R219 ~222	42 00 00 HJ 35 68 20	〃 8.2KΩ	〃			
R223 R224	42 00 00 HJ 35 71 50	〃 15KΩ	〃			
R225 R226	42 00 00 HJ 35 75 60	〃 56KΩ	〃			
R227 R228	42 00 00 HJ 35 71 00	〃 10KΩ	〃			
R229 R230	42 00 00 HJ 35 73 30	〃 33KΩ	〃			
R231	42 00 00 HJ 35 45 60	〃 56Ω	〃			
R232	42 00 00 HJ 35 46 80	〃 68Ω	〃			
R234	42 00 00 HJ 35 46 80	〃 68Ω	〃			
R235	42 00 00 HJ 35 45 60	〃 56Ω	〃			
R237 R238	42 00 00 HJ 35 64 70	〃 4.7KΩ	〃			
R239 R240	42 00 00 HJ 35 51 50	〃 150Ω	〃			
R251 R252	42 00 00 HJ 35 44 70	〃 47Ω	〃			
R253 R254	42 00 00 HJ 35 54 70	〃 470Ω	〃			
R255 R256	42 00 00 HJ 35 41 50	〃 15Ω	〃			

※：New Part (新部品)

	Ref. No.	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
※	VR201	42 00 00 HS 31 10 90	Variable Resistor (11 Click ℓ−30) 30KB	VR φ16 1軸2連	Bass		
※	VR202	42 00 00 HS 31 11 00	〃 (11 Click With CT ℓ−30) 5K	〃	Treble		
※	VR203	42 00 00 HS 31 10 80	〃 (11 Click ℓ−30) 100KB	〃	Roudness		
※	VR204	42 00 00 HS 31 10 70	〃 (Center Click ℓ−30) 200KBH	〃	Balance		
※	VR211	42 00 00 HS 32 06 50	Variable Resistor (ℓ=25) 60KY	VR φ24 1軸2連	Main		
	IC201	42 00 00 i G 03 96 00	IC NJM4559D	IC			
	PL201 ~203	42 00 00 J B 00 06 80	Pilot Lamp Lead Type 14, 5V 80mA	パイロットランプ			
※	SW201	42 00 00 KA 90 15 90	Push Switch with Remote 2-2	リモート付プッシュSW 2連操作部			
※	SW202	42 00 00 KA 80 16 80	Push Switch 4 Unit	プッシュSW単連S			
※	SW211 SW212	42 00 00 KA 80 16 90	Push Switch 4 Unit	プッシュSW単連S			
		42 00 00 L A 00 21 20	Wrapping Terminal P=5 3P I-type	i型ラッピング端子板			
		42 00 00 L B 30 07 30	2.5 Pich Base Pin (TEB3P-SHF) 3P	2.5ピッチベースピン			
※		32 00 00 NA 07 49 10	Main Ciruit Board	メインシート			U
※		32 00 00 NA 07 49 20	〃	〃			C
※		32 00 00 NA 07 49 30	〃	〃			A,G,B
※		32 00 00 NA 07 49 40	〃	〃			R
※	C301 ~304	42 00 00 UW 67 64 70	Electrolytic Capacitor 4.7μF 63V	ケミコン小形自立形			
	C305 C306	42 00 00 FG 51 21 00	Ceramic Capacitor 100PF 50V SL(K)	フォーミングセラコン			
	C307 C308	42 00 00 FG 51 21 80	〃 180PF 〃	〃			
	C309 C310	42 00 00 UW 86 64 70	Electrolytic Capacitor 4.7μF 50V	ケミコン小形自立形			
※	C311 C312	42 00 00 UW 67 64 70	〃 4.7μF 63V	〃			
※	C313 C314	42 00 00 FH 61 02 00	Ceramic Capacitor 2PF 500V CH Type	セラコン			
	C315 C316	42 00 00 FG 51 36 80	〃 0.0068μF 50V B(K)	フォーミングセラコン			
	C317 ~320	42 00 00 FG 51 11 00	〃 10PF 50V SL(K)	〃			
	C321 ~324	42 00 00 FG 54 44 70	〃 0.047μF 50V F(Z)	〃			
	C325 ~328	42 00 00 FG 51 31 00	〃 0.001μF 50V B(K)	〃			
	C329 ~332	42 00 00 FH 61 08 00	〃 8 PF 500V CH Type	セラコン			
※	C333 C334	42 00 00 UW 84 63 30	Electrolytic Capacitor 3.3μF 25V	ケミコン小形自立形			
	C335 ~338	42 00 00 FA 81 51 00	Mylar Capacitor 0.1μF 25V(K)	マイラーコン自立形			
	C339 ~342	42 00 00 FA 81 34 70	〃 0.0047μF 25V(K)	〃			
	C343 C344	42 00 00 FC 04 41 00	〃 0.01μF (K)	マイラーコン			
※	C345 C346	42 00 00 F M 91 96 80	Electrolytic Capacitor 6.800μF 63V	ブロックケミコン	Inter-Changeable (併用)		
※	〃	42 00 00 F M 90 96 80	〃 〃	〃			
※	C347 C348	42 00 00 UW 86 81 00	〃 100μF 50V	ケミコン小形自立形			
	C349	42 00 00 UW 83 72 20	〃 10μF 16V	〃			
	C350	42 00 00 UW 86 64 70	〃 4.7μF 50V	〃			
	C351	42 00 00 FA 81 51 00	Mylar Capacitor 0.1μF 50V(K)	マイラーコン自立形			
	C352	42 00 00 FA 85 52 20	〃 0.22μF (J)	〃			
※	C353	42 00 00 UW 56 52 20	Electrolytic Capacitor 0.22μF 50V	ケミコン小形自立形			
	C354	42 00 00 F M 11 71 00	〃 10μF 50V	B.Pコン	Nonpolar Type		
	C355	42 00 00 UW 83 72 20	Electrolytic Capacitor 22μF 16V	ケミコン小形自立形			
	C356	42 00 00 F M 39 73 30	〃 33μF 16V	Zコン			
	C357	42 00 00 FG 51 21 00	Ceramic Capacitor 100PF 50V SL(K)	フォーミングセラコン			
※	C359 C360	42 00 00 F M 91 96 80	Electrolytic Capacitor 6.800μF 63V	ブロックケミコン	Inter-Changeable (併用)		
※	〃	42 00 00 F M 90 96 80	〃 〃	〃			
	C361 C362	42 00 00 F G 51 06 00	Ceramic Capacitor 6PF 50V SL(K)	フォーミングセラコン			
	C363 C364	42 00 00 F H 61 12 20	〃 22PF 500V CH Type	セラコン			

※ : New Part (新部品)

	Ref. No.	Part No.		Description	(部 品 名)	Remarks	Common model	Markets
	C365 C366	42 00 00	FG 44 41 00	Ceramic Capacitor 0.01μF 50V F(Z)	セラコン			
	C369	42 00 00	UW 86 64 70	Electrolytic Capacitor4.7μF 50V	ケミコン小形自立形			
※	L301 L302	42 00 00	GD 90 03 40	Coil (for OUT PUT) 1.5μH	アウトプットコイル			
	R301 R302	42 00 00	HJ 35 51 00	Carbon Resistor RD25, SM-8 100Ω	カーボン抵抗			
	R303 ~306	42 00 00	HJ 35 55 60	〃 560Ω	〃			
	R307 R308	42 00 00	HJ 35 45 60	〃 56Ω	〃			
	R309 ~312	42 00 00	HJ 35 45 60	〃 56Ω	〃			
	R313 R314	42 00 00	HJ 35 62 70	〃 2.7KΩ	〃			
	R315 R316	42 00 00	HJ 35 63 90	〃 3.9KΩ	〃			
	R317 R318	42 00 00	HJ 35 72 70	〃 27KΩ	〃			
	R319 R320	42 00 00	HJ 35 75 60	〃 56KΩ	〃			
	R321 R322	42 00 00	HJ 35 51 80	〃 180Ω	〃			
	R323 R324	42 00 00	HJ 35 81 00	〃 100KΩ	〃			
	R325 R326	42 00 00	HJ 35 55 60	〃 560Ω	〃			
	R327 R328	42 00 00	HJ 35 52 20	〃 220Ω	〃			
	R329 R330	42 00 00	HJ 35 81 20	〃 120KΩ	〃			
	R331 R332	42 00 00	HJ 35 52 20	〃 220Ω	〃			
	R333 R334	42 00 00	HJ 35 63 90	〃 3.9KΩ	〃			
	R335 R336	42 00 00	HJ 35 61 00	〃 1KΩ	〃			
	R337 ~340	42 00 00	HJ 35 54 70	〃 470Ω	〃			
	R341 R342	42 00 00	HV 35 51 00	Flame Proof Carbon Resistor RDF25 100Ω	不燃化カーボン抵抗			
	R343 R344	42 00 00	HJ 35 51 00	Carbon Resistor RD25 SM-8 100Ω	カーボン抵抗			
	R345 R346	42 00 00	HJ 35 75 60	〃 56KΩ	〃			
	R347 ~350	42 00 00	HJ 35 66 80	〃 6.8KΩ	〃			R,U,C
	〃	42 00 00	HJ 35 63 30	〃 3.3KΩ	〃			A,G,B
※	R351 R352	42 00 00	HL 71 65 60	Metal Oxide Film Resistor 1P 5.6KΩ	酸金抵抗			
	R353 ~356	42 00 00	HV 35 58 20	Flame Proof Carbon Resistor RDF25 820Ω	不燃化カーボン抵抗			R,U,C
	〃	42 00 00	HV 35 53 30	〃 330Ω	〃			A,G,B
	R357 R358	42 00 00	HV 35 61 20	〃 1.2KΩ	〃			
	R359 R360	42 00 00	HV 35 42 20	〃 22Ω	〃			
	R361 ~364	42 00 00	HV 35 32 20	〃 2.2Ω	〃			
※	R365 R366	42 00 00	HZ 00 14 50	Dual Metal Film Resistor RGC 3P 0.33Ω	デュアル金属板抵抗			
※	R367 R368	42 00 00	HL 71 34 70	Metal Oxide Film Resistor 1P 4.7Ω	酸金抵抗			
※	R369 R370	42 00 00	HL 72 41 00	〃 2P 10Ω	〃			
	R371 R372	42 00 00	HJ 35 41 00	Carbon Resistor RD25 SM-8 10Ω	カーボン抵抗			
	R373 R374	42 00 00	HJ 35 72 20	〃 22KΩ	〃			
	R375 R376	42 00 00	HJ 35 61 00	〃 1KΩ	〃			
	R377	42 00 00	HJ 35 72 20	〃 22KΩ	〃			
※	R378	42 00 00	HL 71 56 80	Metal Oxide Film Resistor 1P 680Ω	酸金抵抗			
※	R382 R383	42 00 00	HL 71 55 60	〃 560Ω	〃			
	R384 R385	42 00 00	HJ 35 74 70	Carbon Resistor RD25 SM-8 47KΩ	カーボン抵抗			
	R386	42 00 00	HJ 35 71 00	〃 10KΩ	〃			
	R387 R388	42 00 00	HV 35 51 50	Flame Proof Carbon Resistor RDF25 150Ω	不燃化カーボン抵抗			
	R389	42 00 00	HJ 35 62 70	Carbon Resistor RD25 SM-8 2.7KΩ	カーボン抵抗			
	R390	42 00 00	HJ 35 64 70	〃 4.7KΩ	〃			
	R391 ~393	42 00 00	HJ 35 65 60	〃 5.6KΩ	〃			
	R394	42 00 00	HJ 35 76 80	〃 68KΩ	〃			
	R395	42 00 00	HJ 35 73 90	〃 39KΩ	〃			
	R396	42 00 00	HJ 35 64 70	〃 4.7KΩ	〃			
	R397	42 00 00	HJ 35 65 60	〃 5.6KΩ	〃			
	R398	42 00 00	HJ 35 72 20	〃 22KΩ	〃			
	R399	42 00 00	HJ 35 61 00	〃 1KΩ	〃			
	R400 R401	42 00 00	HJ 35 72 20	〃 22KΩ	〃			

※ : New Part (新部品)

	Ref. No.	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
	C365 C366	42 00 00 FG 44 41 00	Ceramic Capacitor 0.01μF 50V F(Z)	セラコン			
	C369	42 00 00 UW 86 64 70	Electrolytic Capacitor4.7μF 50V	ケミコン小形自立形			
※	L301 L302	42 00 00 GD 90 03 40	Coil (for OUT PUT) 1.5μH	アウトプットコイル			
	R301 R302	42 00 00 HJ 35 51 00	Carbon Resistor RD25, SM-8 100Ω	カーボン抵抗			
	R303 ~306	42 00 00 HJ 35 55 60	〃 560Ω	〃			
	R307 R308	42 00 00 HJ 35 45 60	〃 56Ω	〃			
	R309 ~312	42 00 00 HJ 35 45 60	〃 56Ω	〃			
	R313 R314	42 00 00 HJ 35 62 70	〃 2.7KΩ	〃			
	R315 R316	42 00 00 HJ 35 63 90	〃 3.9KΩ	〃			
	R317 R318	42 00 00 HJ 35 72 70	〃 27KΩ	〃			
	R319 R320	42 00 00 HJ 35 75 60	〃 56KΩ	〃			
	R321 R322	42 00 00 HJ 35 51 80	〃 180Ω	〃			
	R323 R324	42 00 00 HJ 35 81 00	〃 100KΩ	〃			
	R325 R326	42 00 00 HJ 35 55 60	〃 560Ω	〃			
	R327 R328	42 00 00 HJ 35 52 20	〃 220Ω	〃			
	R329 R330	42 00 00 HJ 35 81 20	〃 120KΩ	〃			
	R331 R332	42 00 00 HJ 35 52 20	〃 220Ω	〃			
	R333 R334	42 00 00 HJ 35 63 90	〃 3.9KΩ	〃			
	R335 R336	42 00 00 HJ 35 61 00	〃 1KΩ	〃			
	R337 ~340	42 00 00 HJ 35 54 70	〃 470Ω	〃			
	R341 R342	42 00 00 HV 35 51 00	Flame Proof Carbon Resistor RDF25 100Ω	不燃化カーボン抵抗			
	R343 R344	42 00 00 HJ 35 51 00	Carbon Resistor RD25 SM-8 100Ω	カーボン抵抗			
	R345 R346	42 00 00 HJ 35 75 60	〃 56KΩ	〃			
	R347 ~350	42 00 00 HJ 35 66 80	〃 6.8KΩ	〃			R,U,C
	〃	42 00 00 HJ 35 63 30	〃 3.3KΩ	〃			A,G,B
※	R351 R352	42 00 00 HL 71 65 60	Metal Oxide Film Resistor 1P 5.6KΩ	酸金抵抗			
	R353 ~356	42 00 00 HV 35 58 20	Flame Proof Carbon Resistor RDF25 820Ω	不燃化カーボン抵抗			R,U,C
	〃	42 00 00 HV 35 53 30	〃 330Ω	〃			A,G,B
	R357 R358	42 00 00 HV 35 61 20	〃 1.2KΩ	〃			
	R359 R360	42 00 00 HV 35 42 20	〃 22Ω	〃			
	R361 ~364	42 00 00 HV 35 32 20	〃 2.2Ω	〃			
※	R365 R366	42 00 00 HZ 00 14 50	Dual Metal Film Resistor RGC 3P 0.33Ω	デュアル金属板抵抗			
※	R367 R368	42 00 00 HL 71 34 70	Metal Oxide Film Resistor 1P 4.7Ω	酸金抵抗			
※	R369 R370	42 00 00 HL 72 41 00	〃 2P 10Ω	〃			
	R371 R372	42 00 00 HJ 35 41 00	Carbon Resistor RD25 SM-8 10Ω	カーボン抵抗			
	R373 R374	42 00 00 HJ 35 72 20	〃 22KΩ	〃			
	R375 R376	42 00 00 HJ 35 61 00	〃 1KΩ	〃			
	R377	42 00 00 HJ 35 72 20	〃 22KΩ	〃			
※	R378	42 00 00 HL 71 56 80	Metal Oxide Film Resistor 1P 680Ω	酸金抵抗			
※	R382 R383	42 00 00 HL 71 55 60	〃 560Ω	〃			
	R384 R385	42 00 00 HJ 35 74 70	Carbon Resistor RD25 SM-8 47KΩ	カーボン抵抗			
	R386	42 00 00 HJ 35 71 00	〃 10KΩ	〃			
	R387 R388	42 00 00 HV 35 51 50	Flame Proof Carbon Resistor RDF25 150Ω	不燃化カーボン抵抗			
	R389	42 00 00 HJ 35 62 70	Carbon Resistor RD25 SM-8 2.7KΩ	カーボン抵抗			
	R390	42 00 00 HJ 35 64 70	〃 4.7KΩ	〃			
	R391 ~393	42 00 00 HJ 35 65 60	〃 5.6KΩ	〃			
	R394	42 00 00 HJ 35 76 80	〃 68KΩ	〃			
	R395	42 00 00 HJ 35 73 90	〃 39KΩ	〃			
	R396	42 00 00 HJ 35 64 70	〃 4.7KΩ	〃			
	R397	42 00 00 HJ 35 65 60	〃 5.6KΩ	〃			
	R398	42 00 00 HJ 35 72 20	〃 22KΩ	〃			
	R399	42 00 00 HJ 35 61 00	〃 1KΩ	〃			
	R400 R401	42 00 00 HJ 35 72 20	〃 22KΩ	〃			

※ : New Part (新部品)

	Ref. No.	Part No.	Description		(部 品 名)	Remarks	Common model	Markets
	TR325 TR326	42 00 00 i A 09 49 00	Transistor	2SA949(O,Y)	トランジスタ			
	TR331 TR332	42 00 00 i D 08 45 00	〃	2SD845(O,R)	〃	Attachment to the L and R Heat sink		
	TR333 TR334	42 00 00 i B 07 55 00	〃	2SB755(O,R)	〃			
	TR335	42 00 00 i A 08 14 00	Transistor	2SA814(O,Y)	トランジスタ			
	TR336	42 00 00 i C 16 24 00	〃	2SC1624(O,Y)	〃			
	TR337 TR338	42 00 00 i C 22 40 00	〃	2SC2240(GR,BL)	〃			
	TR339	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)	〃			
	TR340	42 00 00 i A 09 41 00	〃	2SA941(GR,BL)	〃			
	TR341	42 00 00 i C 23 20 10	〃	2SC2320(E,F)	〃			
	TR342	42 00 00 i A 09 49 00	〃	2SA949(O,Y)	〃			
	TR343	42 00 00 i A 06 73 10	〃	2SA673(C,D)	〃			
※	TR344	42 00 00 i C 19 83 00	〃	2SC1983	〃			
	TR345	42 00 00 i C 23 20 10	〃	2SC2320(E,F)	〃			
	TR346	42 00 00 i A 09 99 10	〃	2SA999(E,F)	〃			
	TR347	42 00 00 i C 22 29 00	〃	2SC2229(O,Y)	〃			
	TR349 TR350	42 00 00 i C 23 20 10	〃	2SC2320 (E,F)	〃			
	D301 ~304	42 00 00 i F 00 00 40	Diode	1S1555	ダイオード			
	D305 ~308	42 00 00 i F 00 14 70	Zener Diode	RD6,2EB2	ツェナーダイオード			
	D309 ~322	42 00 00 i F 00 00 40	Diode	1S1555	ダイオード			
	D323 D324	42 00 00 i F 00 02 80	Zener Diode	WZ-210	ツェナーダイオード			
	D325 D326	42 00 00 i F 00 00 40	Diode	1S1555	ダイオード			
※	D327	42 00 00 i H 00 08 70	Bridge Diode	4D4B41	ブリッジダイオード	Inter changeable (併用)		
※	〃	42 00 00 i H 00 09 50	〃	DBA40C	〃			
※	D328 D329	42 00 00 i F 00 20 80	Zener Diode	HZ16L-3	ツェナーダイオード			
	D330	42 00 00 i F 00 14 70	〃	RD6,2EB2	〃			
	D331	42 00 00 i F 00 00 40	Diode	1S1555	ダイオード			
※	D332	42 00 00 i F 00 21 20	Zener Diode	BZ-162	ツェナーダイオード			
	D333 ~335	42 00 00 i F 00 00 40	Diode	1S1555	ダイオード			
	D336	42 00 00 i F 00 14 70	Zener Diode	RD6,2EB2	ツェナーダイオード			
※	D337	42 00 00 i F 00 21 20	〃	BZ-162	〃			
	D338 ~340	42 00 00 i F 00 00 40	Diode	1S1555	ダイオード			
	D341	42 00 00 i H 00 07 10	〃	W06C	〃			
	D342	42 00 00 i F 00 02 00	Zener Diode	WZ-120	ツェナーダイオード			
	D343 D344	42 00 00 i F 00 00 40	Diode	1S1555	ダイオード			
※	Th301 Th302	42 00 00 i F 00 21 10	Thermistor		サーミスタ			
	IC301	42 00 00 i G 02 84 00	IC	NJM4558DY	IC			
	JK301	42 00 00 L B 30 13 50	Phone Jack		ホーンジャック			
		42 00 00 L A 00 21 10	Wrapping Terminal	P=5 2P i-Type	i型ラッピング端子板			
		42 00 00 L A 00 23 20	〃	P=7.5 3P	〃			
		42 00 00 L A 00 29 60	4P Push Terminal		4Pプッシュターミナル			
		42 00 00 L A 00 41 20	Pin(Test Point)		テストポイントピン			
		42 00 00 L B 20 13 90	2.5 Pich Base Pin	2P TEB2P-SHF	2.5ピッチベースピン			
		42 00 00 L B 30 07 30	〃	3P TEB3P-SHF	〃			
		32 00 00 BA 07 28 30	Heat Sink		放熱板			
		32 00 00 BA 07 72 90	〃		〃			

※：New Part（新部品）

	Ref. No.	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
		32 00 00 BB 06 52 50	Pusher for Transistor #6525	TRプッシャー			
		32 00 00 BB 06 83 70	Earth Plate #6837	アース金具			
		42 00 00 ED 03 00 60	Bind Head Screw 3×6 (ZMC2-Y)	鉄バインドネジ			
		32 00 00 AA 08 29 10	Shield Plate #8291	シールド板			
		32 00 00 CB 08 21 40	Clamper #8241	リードクランパー			
		32 00 00 NA 07 60 80	Control Circuit Board	制御シート			U,C
※	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			U,C
	L501	42 00 00 GD 90 03 50	Coil 100μH	雑防コイル	Inter-changeable		U,C
	〃	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			U,C
	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		U,C
	〃	42 00 00 HT 77 00 50	〃 KVSF8-7PNFX B5K	〃			〃
	D501	42 00 00 iH 00 08 80	Brigde Diode SIWB	ブリッジダイオード			U,C
	D502 ~505	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			U,C
	TR501	42 00 00 iK 00 02 80	Photo Coupler TLP508 (BL,V)	フォトカプラー	Inter-changeable		U,C
※	〃	42 00 00 iK 00 03 00	〃 〃 (V)	〃			〃
	SCR 501	42 00 00 iH 00 09 00	Triac SMOR5G 0.5A	トライアック			U,C
※	SCR 502	42 00 00 iH 00 10 50	〃 AC16DGM-L 16A	〃			〃
	SCR 503	42 00 00 iH 00 09 00	〃 SMOR5G 0.5A	〃			〃
	F501	42 00 00 KB 00 15 40	Fuse UL 12A 250V	ヒューズ			U,C
		42 00 00 LB 20 09 00	Fuse Holder Pin PC YSH402P	ヒューズホルダーピン			U,C
		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			〃

※：New Part（新部品）

	Ref. No.	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
		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			U,C
※		32 00 00 BA 07 95 30	Heat Sink	放熱板			U,C
		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 S×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 30 02 00	Bind Head Tapping Screw 3×8(ZMC2-Y)	鉄バインドタッピンネジ	Type-2		〃
		32 00 00 NA 07 60 90	Control Circuit Board	制御シート			A,G,B
※	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			A,G,B
	R501 ~504	42 00 00 HJ 35 84 70	Carbon Resistor RD25 SM-8 470KΩ	カーボン抵抗			A,G,B
	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		A,G,B
	〃	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			A,G,B
	D501	42 00 00 iH 00 08 80	Brigde Diode SIWB	ブリッジダイオード			A,G,B
	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			A,G,B
※	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		A,G,B
※	〃	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			A,G,B
	F501	42 00 00 KB 00 17 60	Fuse Ⓢ T6.3A 250V	ヒューズ			A,G,B

※ : New Part (新部品)

	Ref. No	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
		42 00 00 LB 20 10 60	Fuse Holder Pin YSH403T	ヒューズホルダーピン			A,G,B
		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			A,G,B
		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 30 02 00	Bind Head Tapping Screw 3×8 (ZMC2-Y)	鉄バインドタッピンネジ	Type-2		〃
		32 00 00 NA 07 61 00	Control Circuit Board	制御シート			R
※	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			R
	R501 ~504	42 00 00 HJ 35 84 70	Carbon Resistor RD25 SM-8 470KΩ	カーボン抵抗			R
	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		R
	〃	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			R
	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			R
	SCR 501	42 00 00 iH 00 09 00	Triac SMOR5G 0.5A	トライアック			R
※	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		R
※	〃	42 00 00 iK 00 03 00	〃 〃 (V)	〃			〃

※ : New Part (新部品)

	Ref. No.	Part No.	Description	(部 品 名)	Remarks	Common model	Markets
※	SW501	42 00 00 KA 80 21 70	Push Switch SDS3P 5/80A	プッシュSW			R
※	F501	42 00 00 KB 00 13 80	Fuse UL 15A 250V	ヒューズ			R
		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 30 02 00	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）