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**YAMAHA HI-FI STEREO**

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**SERVICE MANUAL**

MODEL **CA-800**



YAMAHA HI-FI STEREO CA-800 SERVICE MANUAL

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## CIRCUIT DESCRIPTIONS

CIRCUIT DESCRIPTIONS refer to CA-1000's SERVICE MANUAL

1. CONTINUOUS LOUDNESS CIRCUIT
2. SPECIAL YAMAHA TONE CONTROL SYSTEM
3. A CLASS AND B CLASS OPERATION
4. PROTECTION CIRCUITS

NOTE:

	CA-1000	CA-800
POWER TRANSISTOR		
AVERAGE CURRENT	1.3A	1.0A

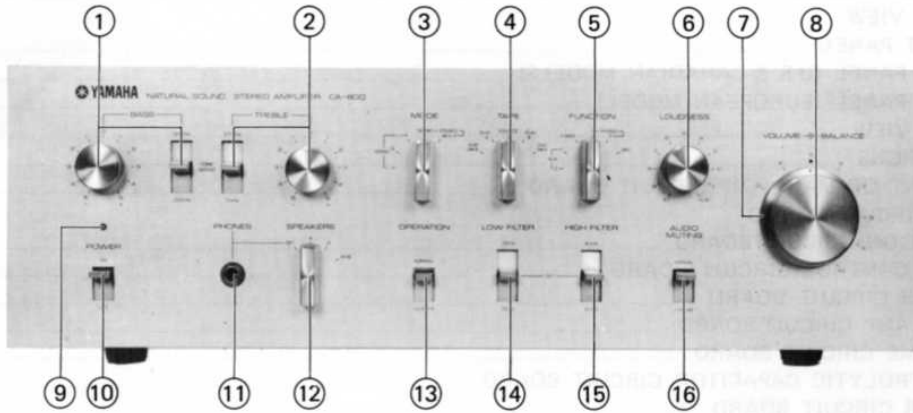
## PARTIAL DISASSEMBLY

Refer to CA-1000's SERVICE MANUAL

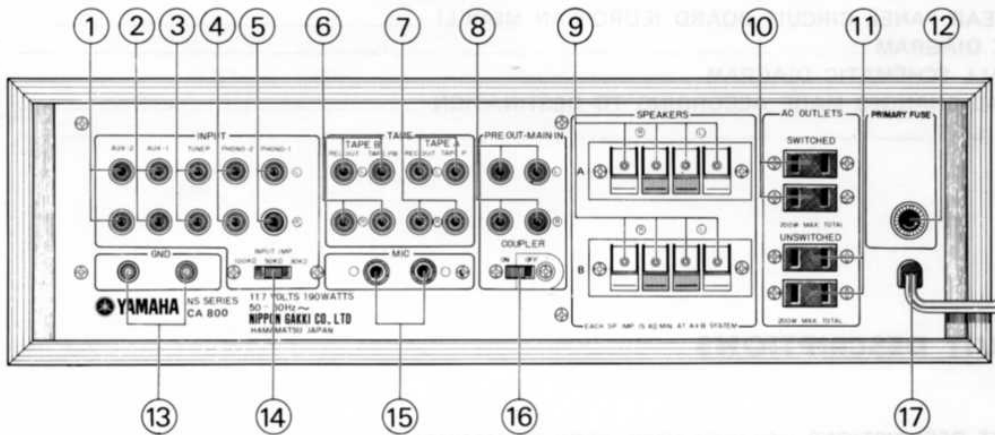
# EXTERNAL VIEW

CONTENTS

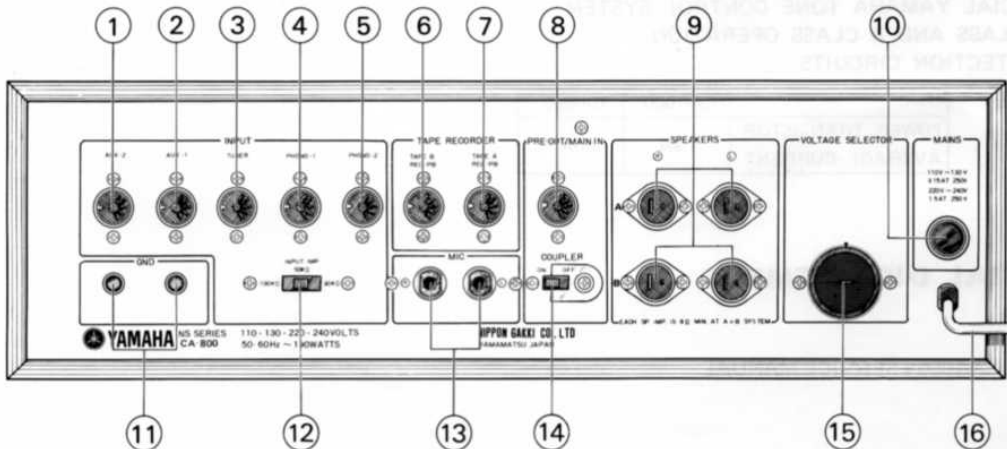
## FRONT PANEL



## REAR PANEL (U.S. & CANADIAN MODELS)



## REAR PANEL (EUROPEAN MODEL)



**FRONT PANEL**

- ① BASS TONE CONTROL & TURN OVER SWITCH
- ② TREBLE TONE CONTROL & TURN OVER SWITCH
- ③ MODE SELECTOR
- ④ TAPE SELECTOR
- ⑤ FUNCTION SELECTOR
- ⑥ LOUDNESS CONTROL
- ⑦ BALANCE CONTROL
- ⑧ VOLUME CONTROL

- ⑨ POWER INDICATOR LAMP
- ⑩ POWER SWITCH
- ⑪ HEADPHONE JACK
- ⑫ SPEAKER SELECTOR
- ⑬ A CLASS/B CLASS OPERATION SWITCH
- ⑭ LOW FILTER SWITCH
- ⑮ HIGH FILTER SWITCH
- ⑯ AUDIO MUTING SWITCH

**REAR PANEL (U.S. & CANADIAN MODELS)**

- ① AUX 2 INPUT JACKS
- ② AUX 1 INPUT JACKS
- ③ TUNER INPUT JACKS
- ④ PHONO 2 INPUT JACKS
- ⑤ PHONO 1 INPUT JACKS
- ⑥ TAPE B JACKS
- ⑦ TAPE A JACKS
- ⑧ PRE OUT/MAIN IN JACKS
- ⑨ SPEAKER TERMINALS

- ⑩ AC OUTLETS (SWITCHED)
- ⑪ AC OUTLETS (UNSWITCHED)
- ⑫ PRIMARY FUSE
- ⑬ GROUND TERMINAL
- ⑭ INPUT IMPEDANCE SELECTOR
- ⑮ MICROPHONE JACKS
- ⑯ COUPLER SWITCH
- ⑰ AC CORD

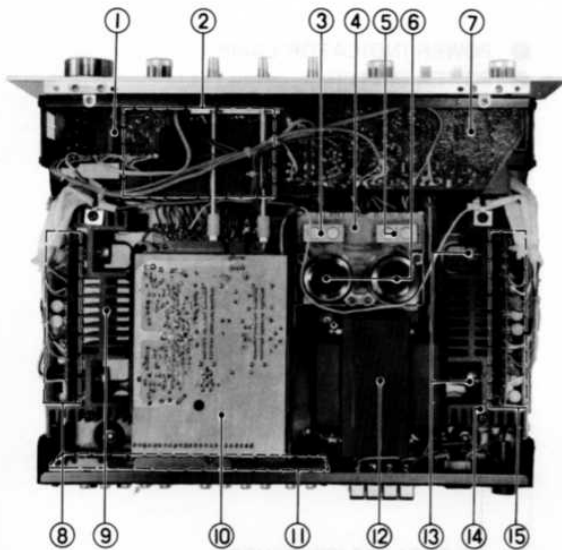
**REAR PANEL (EUROPEAN MODEL)**

- ① AUX 2 INPUT CONNECTOR
- ② AUX 1 INPUT CONNECTOR
- ③ TUNER INPUT CONNECTOR
- ④ PHONO 1 INPUT CONNECTOR
- ⑤ PHONO 2 INPUT CONNECTOR
- ⑥ TAPE B CONNECTOR
- ⑦ TAPE A CONNECTOR
- ⑧ PRE OUT/MAIN IN CONNECTOR

- ⑨ SPEAKER TERMINALS
- ⑩ PRIMARY FUSE
- ⑪ GROUND TERMINAL
- ⑫ INPUT IMPEDANCE SELECTOR
- ⑬ MICROPHONE JACKS
- ⑭ COUPLER SWITCH
- ⑮ VOLTAGE SELECTOR
- ⑯ AC CORD

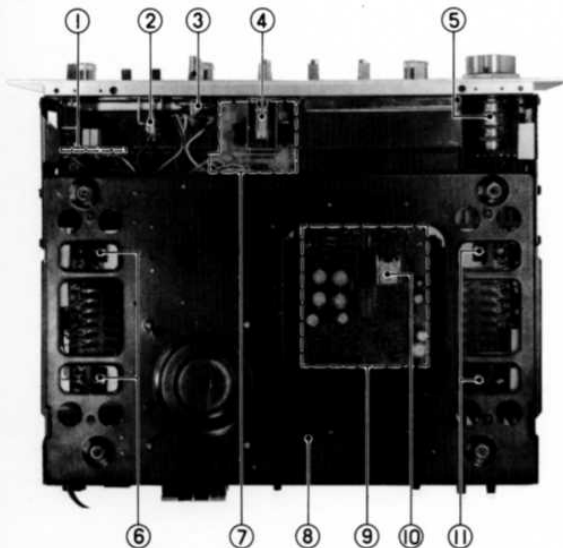
## INTERNAL VIEW

### TOP VIEW



- ① VOLUME CIRCUIT BOARD (NA06336)
- ② FILTER CIRCUIT BOARD (NA06338)
- ③ SILICON RECTIFIER (S5151)
- ④ ELECTROLYTIC CAPACITOR CIRCUIT BOARD (NA06353)
- ⑤ SILICON RECTIFIER (S5151R)
- ⑥ ELECTROLYTIC CAPACITOR (6,800 $\mu$ F/50V)
- ⑦ TONECONTROL CIRCUIT BOARD (NA06378)
- ⑧ MAIN AMP CIRCUIT BOARD  
NA06340 : EXCEPT EUROPEAN MODEL  
NA06389 : EUROPEAN MODEL
- ⑨ HEAT SINK
- ⑩ FUNCTION CIRCUIT BOARD (NA06341)
- ⑪ REAR PANEL CIRCUIT BOARD  
NA06503 : EXCEPT EUROPEAN MODEL  
NA06504 : EUROPEAN MODEL
- ⑫ POWER TRANSFORMER (GA60546)
- ⑬ POWER TRANSISTOR
- ⑭ HEAT SINK
- ⑮ MAIN AMP CIRCUIT BOARD

### BOTTOM VIEW



- ① POWER SWITCH CIRCUIT BOARD (NA06375)
- ② HEADPHONE JACK
- ③ SPEAKER SELECTOR
- ④ OPERATION SWITCH
- ⑤ VARIABLE RESISTOR (Volume/Balance Control : HB250k $\Omega$  x 2, A100k $\Omega$  x 2)
- ⑥ POWER TRANSISTOR
- ⑦ OPERATION SWITCH CIRCUIT BOARD (NA06354)
- ⑧ CHASSIS
- ⑨ POWER CIRCUIT BOARD  
NA06332 : EXCEPT CANADIAN MODEL  
NA06529 : CANADIAN MODEL
- ⑩ SPEAKER PROTECTION CIRCUIT RELAY (HC-2P)
- ⑪ POWER TRANSISTOR

# SPECIFICATIONS

AUDIO SECTION	CLASS-B	CLASS-A
<b>Power Output</b>		
Dynamic Power (IHF):	150 watts (4Ω) 130 watts (8Ω)	— 20 watts (8Ω)
Continuous RMS Power (each channel driven):	70/70 watts (4Ω) at 1,000 Hz 55/55 watts (8Ω) at 1,000Hz	— 10/10 watts (8Ω)
Continuous RMS Power (both channels driven):	60 + 60 watts (4Ω) at 1,000Hz 50 + 50 watts (8Ω) at 1,000Hz	— 10 + 10 watts (8Ω)
Continuous RMS Power (both channels driven):	50 + 50 watts (4Ω) at 20 to 20,000Hz 45 + 45 watts (8Ω) at 20 to 20,000Hz	— 10 + 10 watts (8Ω)
<b>Total Harmonic Distortion</b>		
Power Amplifier Only:	less than 0.1% at rated power less than 0.04% at 1 watt	less than 0.1% at rated power less than 0.02% at 1 watt
Preamplifier Only (PHONO to PRE OUT): (AUX to PRE OUT):	less than 0.1% at rated power less than 0.02% at rated power	less than 0.1% at rated power less than 0.02% at rated power
Overall (AUX to Power Output):	less than 0.1% at rated power	less than 0.05% at rated power
Intermodulation Distortion (70Hz : 7,000Hz = 4:1 SMPTE method)		
Power Amplifier Only:	less than 0.1% (8Ω) at rated power	less than 0.1% (8Ω) at rated power
Overall (AUX to Power Output):	less than 0.1% (8Ω) at rated output	less than 0.1% (8Ω) at rated output
Power Bandwidth (IHF, distortion 0.5% const.)	5 to 70,000Hz 4 to 16kΩ 70 at 1,000Hz	5 to 100,000Hz (4) to 8 to 16kΩ 70 at 1,000Hz
Load Impedance:	4 to 16Ω	4 to 16Ω
Damping Factor (8Ω):	70 at 1,000Hz	70 at 1,000Hz
<b>Frequency Response (at 1 watt)</b>		
Overall (Tuner, AUX, TAPE PB to Power output):	10 to 50,000Hz + 0.5dB, -1dB	
Overall (MIC to Power Output):	20 to 20,000Hz + 0.5dB, -2dB	
Power Amplifier Only:	10 to 100,000Hz + 0dB, -1dB	
Deviation from RIAA (30 to 15,000Hz):	+ 0.2dB, -0.2dB	
<b>Channel Separation (at rated power, 1,000Hz)</b>		
Power Amplifier Only:	better than 60dB	
Overall from PHONO 1, 2:	better than 50dB	
Overall from Tuner, AUX, TAPE PB:	better than 50dB	
Overall from MIC:	better than 50dB	
<b>Hum and Noise (IHF, Closed circuit A network)</b>		
Overall from PHONO 1, 2:	better than 80dB	
Overall from MIC:	better than 70dB	
Overall from Tuner, AUX, TAPE PB:	better than 90dB	
Power Amplifier Only:	better than 100dB	
Volume at Minimum:	better than 90dB	
<b>Input Sensitivity and Impedance (at rated power, 1,000Hz)</b>		
PHONO 1:	3mV (30kΩ, 50kΩ, 100kΩ)	
PHONO 2:	3mV (50kΩ)	
PHONO 1, 2 Max. Input Capability:	310mV (T.H.D. 0.1%)	
MIC:	2.5mV (50kΩ)	
MIC Max. Input Capability:	245mV (T.H.D. 0.1%)	
TUNER, AUX 1, 2:	120mV (40kΩ)	
TAPE PB A, B:	120mV (40kΩ)	
Power Amplifier Input:	775mV (40kΩ), 345mV (40kΩ)	
<b>Output Level and Impedance (at rated power, 1,000Hz)</b>		
TAPE REC OUT A, B:	120mV (2kΩ)	
REC OUT:	775mV (2kΩ)	
	3,000mV (Max. Output T.H.D. 0.1%)	
<b>Tone Controls</b>		
BASS:	+15dB, -15dB, at 50Hz	
TREBLE:	+10dB, -10dB at 10,000Hz	
<b>Filters</b>		
LOW:	-3dB at 20Hz, 70Hz (12dB/oct.)	
HIGH:	-3dB at 6,000Hz, 12,000Hz (6dB/oct.)	
<b>Loudness Control (Continuous Loudness Volume at Minimum):</b>		
	+10dB at 100Hz, +5dB at 10,000Hz	
<b>GENERAL</b>		
Semiconductors:	2 FETs; 49 Transistors; 26 Diodes; 4 Zener Diodes	
Power Source:	AC 117V, 50/60Hz	
Power Consumption:		
Rated		
U.S. & CANADIAN MODELS	220W	280VA
EXCEPT U.S. & CANADIAN MODELS	190W	
Max.	300W	
AC Outlets:		
Switched	2 (total 200 watts)	
Unswitched	2 (total 200 watts)	
Dimensions:	436mm (17¼") W x 144mm (5¾") H x 323mm (12¾") D	
Weight:	14.0kg (31 lbs.)	

Specifications subject to change without notice.



# ADJUSTMENT OF MAIN AMP CIRCUIT BOARD

## BEFORE MEASUREMENT

- Turn the Pre/Main amp coupler switch Off.
- After the power switch is turned on, wait 3~4 minutes before measuring, to be sure of the most stable operation.
- Do not connect speakers or dummy load resistance to the speaker terminals.

a. Primary Stage Differential Amplification Circuit Current Adjustment.

Set the voltage between TP1 and TP2 to  $15V \pm 0.5V$  with VR602.

TP1 : (-)

TP2 : (+)

b. Mid-Point Potential Adjustment

Set the voltage between SP Out terminal and E to  $0V \pm 0.01V$  with VR601.

c. B Class Idling Current Adjustment

Set the Operation switch to Normal.

Set the voltage between TP3 and TP4 to  $0.047V \pm 0.01V$  with VR603.

TP3 : (-)

TP4 : (+)

d. A Class Idling Current Adjustment

Set the Operation switch to Class A.

Set the voltage between TP3 and TP4 to  $0.8V \pm 0.05V$  with VR604.

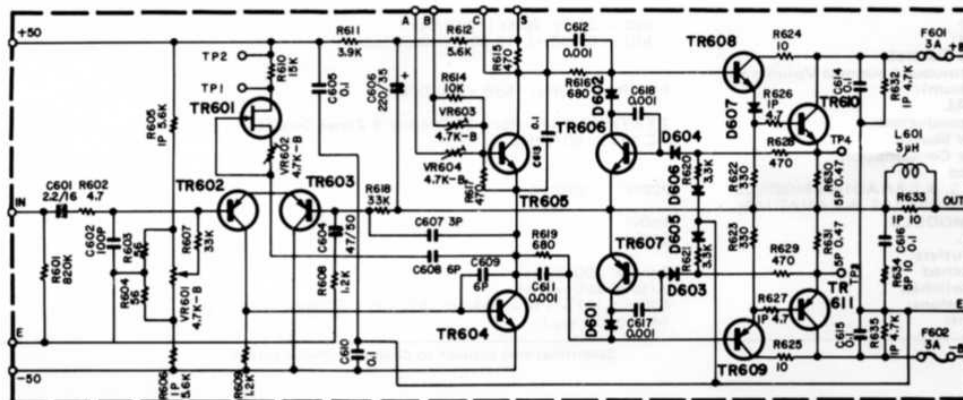
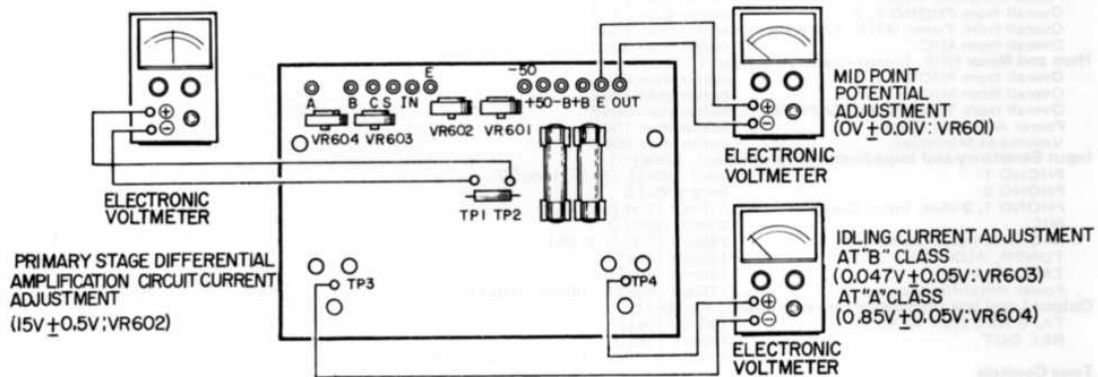
TP3 : (-)

TP4 : (+)

e. Repeat procedures a-d above several times until each is within the allowable limits.

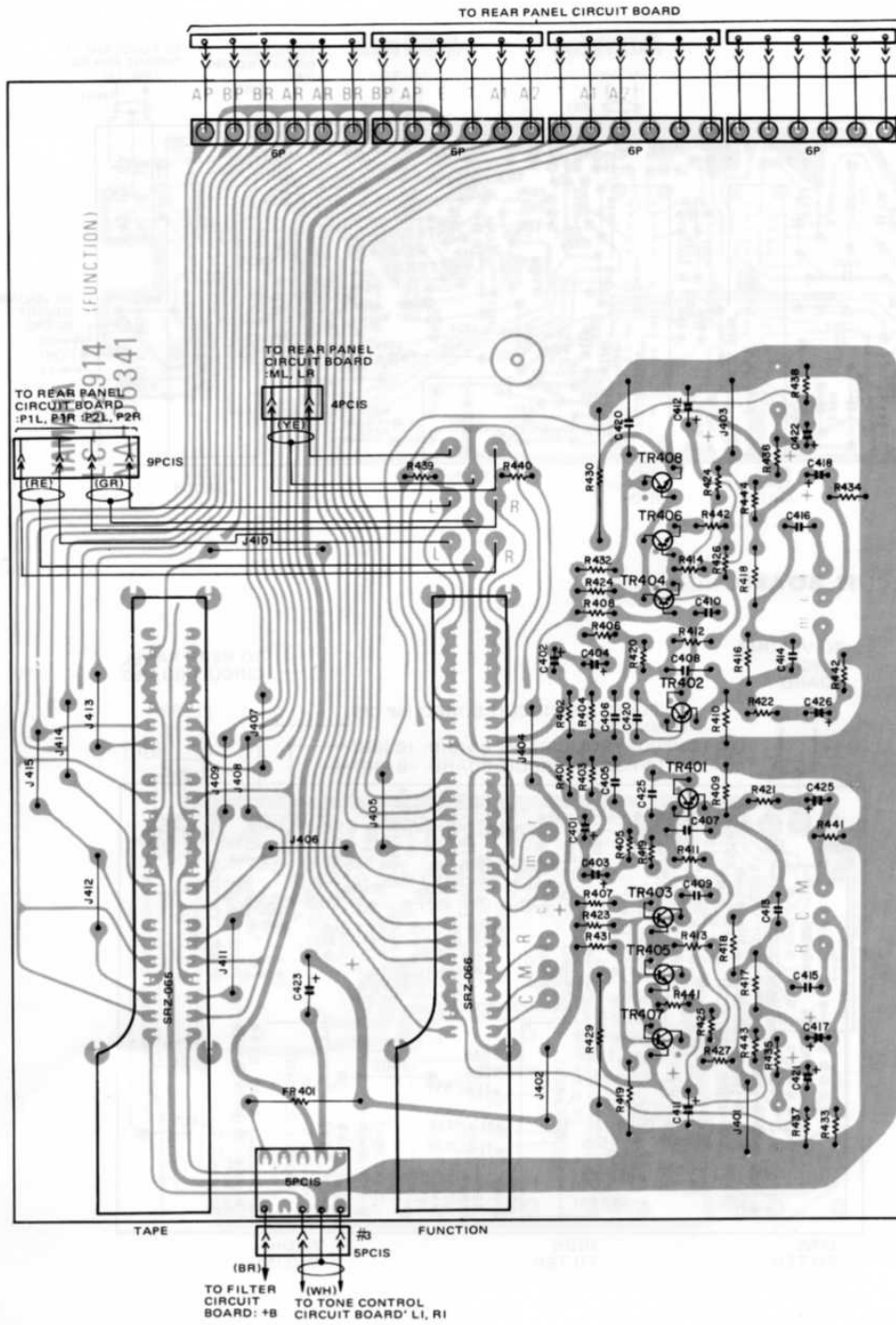
Note: ○ Turn the volume gently during adjustment.

○ Pay close attention to the polarity of each test point.



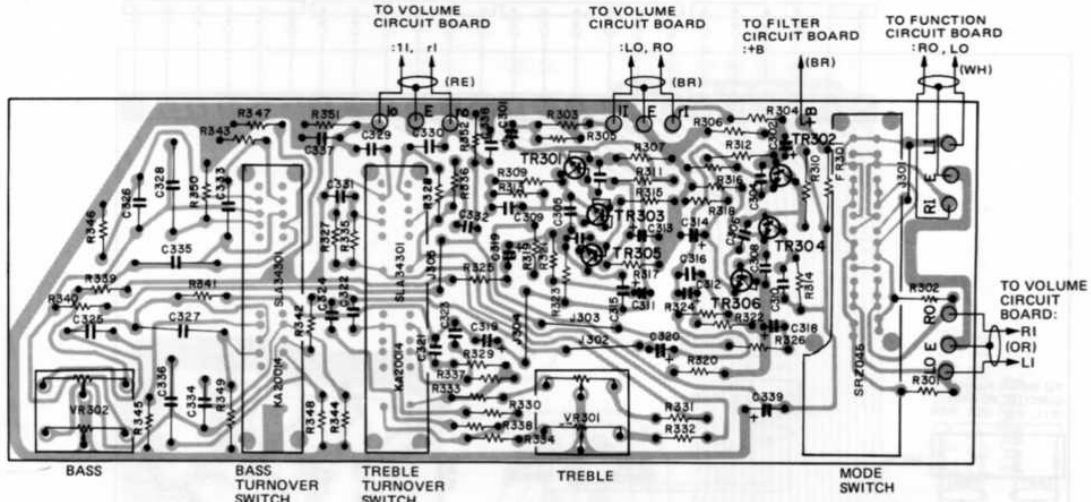
# PRINTED CIRCUIT BOARD

## FUNCTION CIRCUIT BOARD NA06341

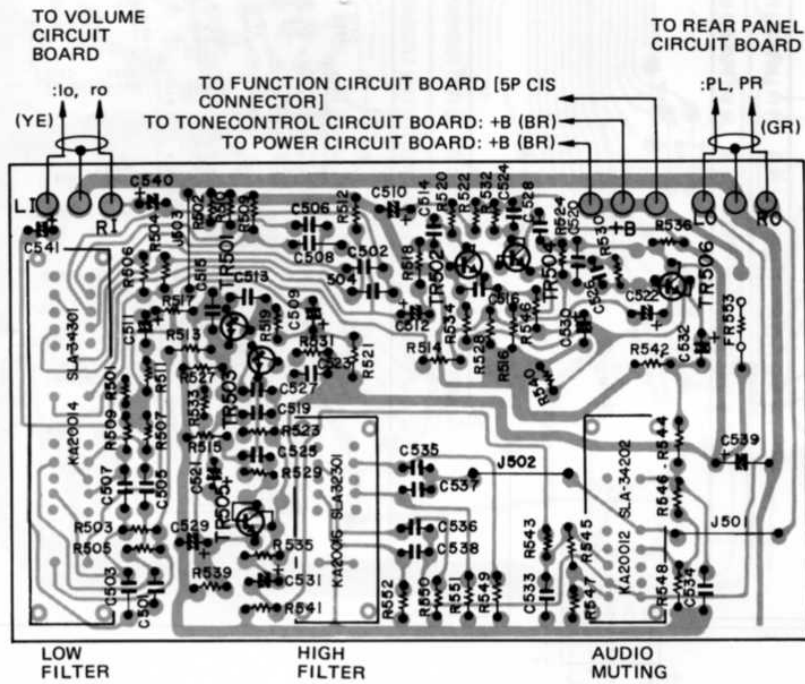




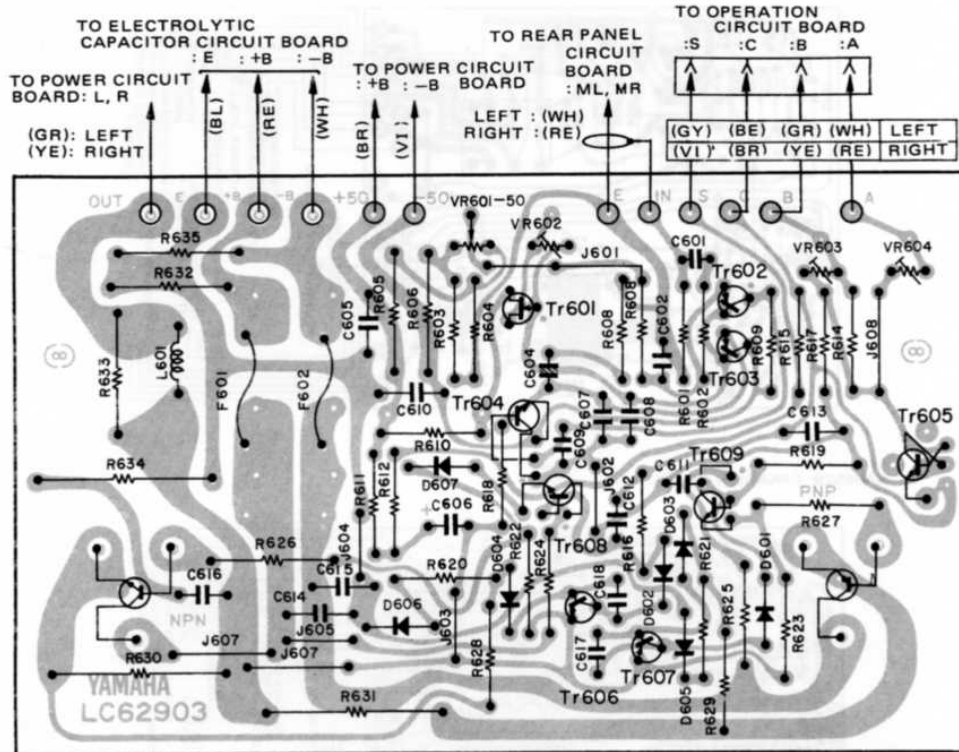
**TONE CONTROL CIRCUIT BOARD** NA06378



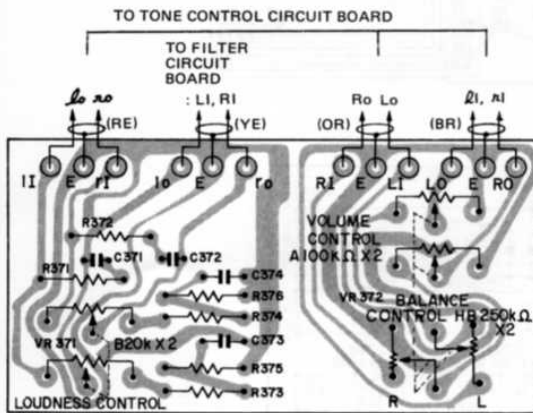
**FILTER CIRCUIT BOARD** NA06338



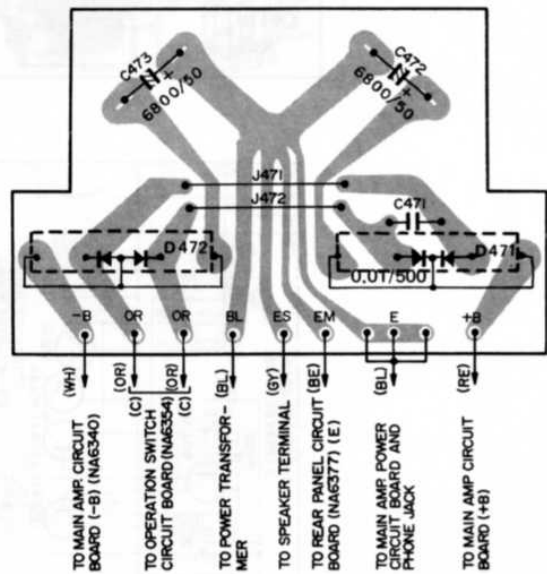
**MAIN AMP CIRCUIT BOARD** NA06340: EXCEPT EUROPEAN MODEL  
NA06389: EUROPEAN MODEL



**VOLUME CIRCUIT BOARD** NA06336

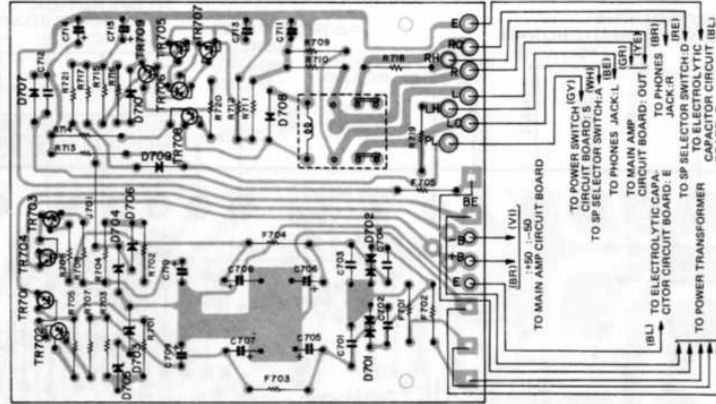


**ELECTROLYTIC CAPACITOR CIRCUIT BOARD** NA06353

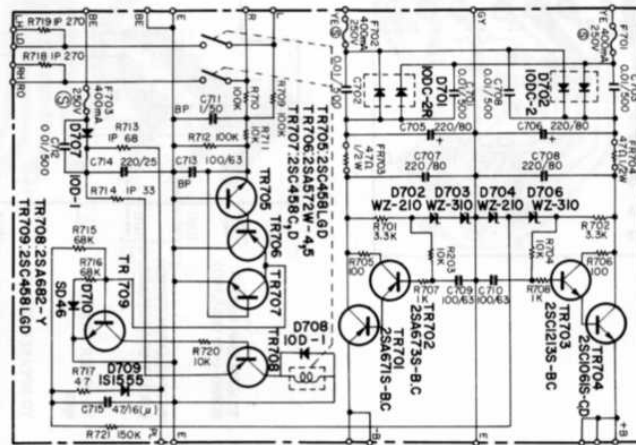
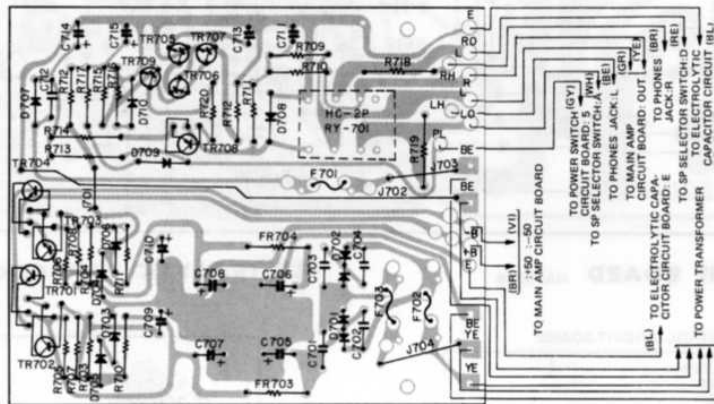


# POWER CIRCUIT BOARD

NA06332: EXCEPT CANADIAN MODEL



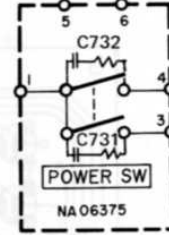
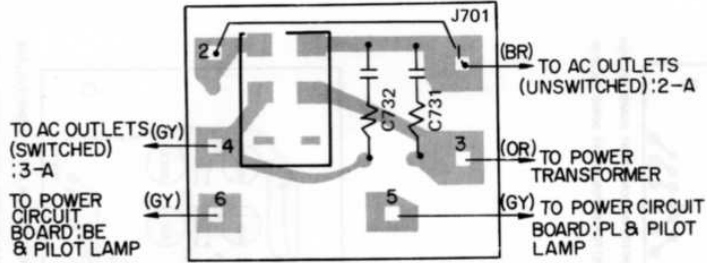
NA06529: CANADIAN MODEL



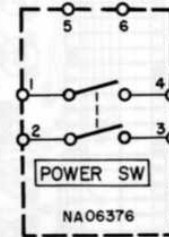
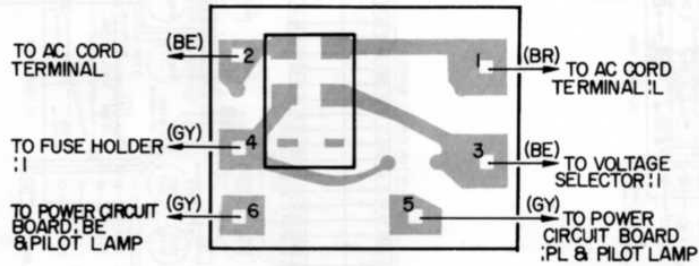
Ⓢ : Miniature Fuse

## POWER SWITCH CIRCUIT BOARD

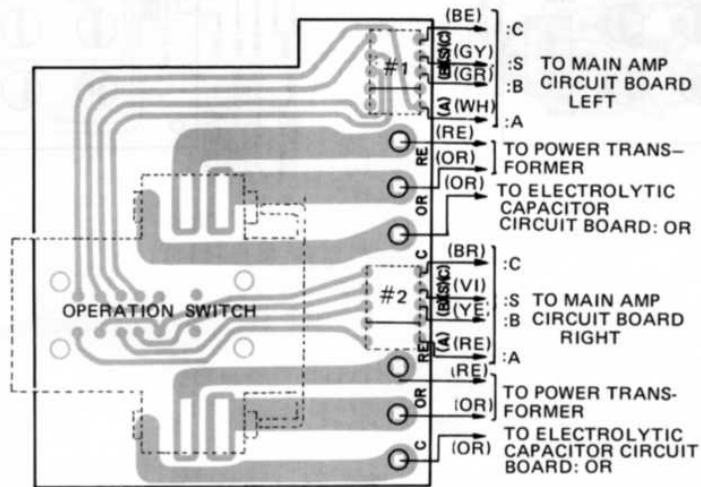
NA06375: EXCEPT EUROPEAN MODEL



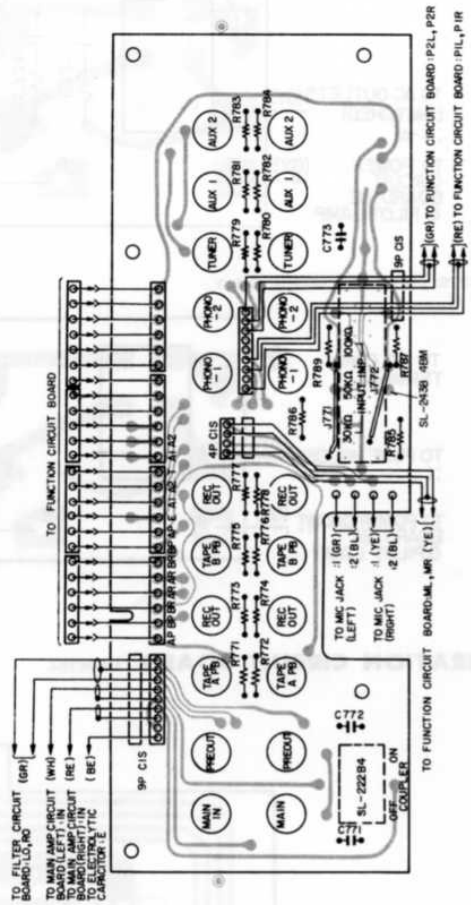
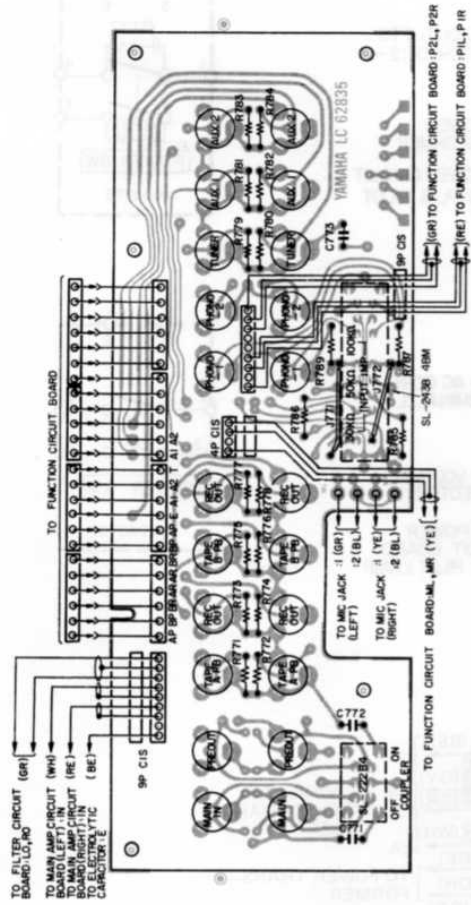
NA06376: EUROPEAN MODEL ONLY



## OPERATION CIRCUIT BOARD NA06354

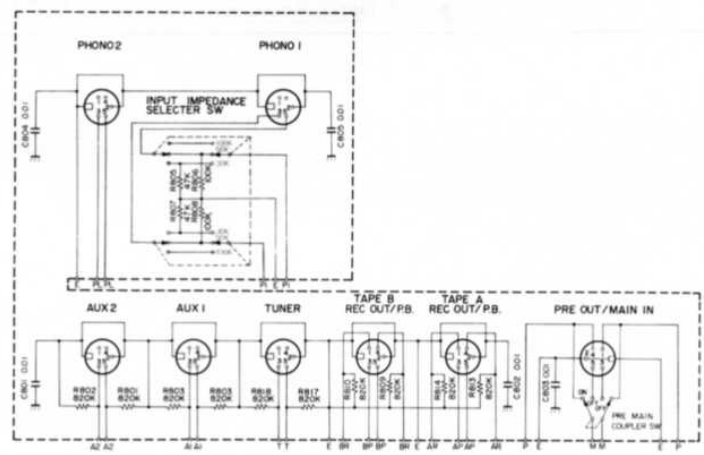
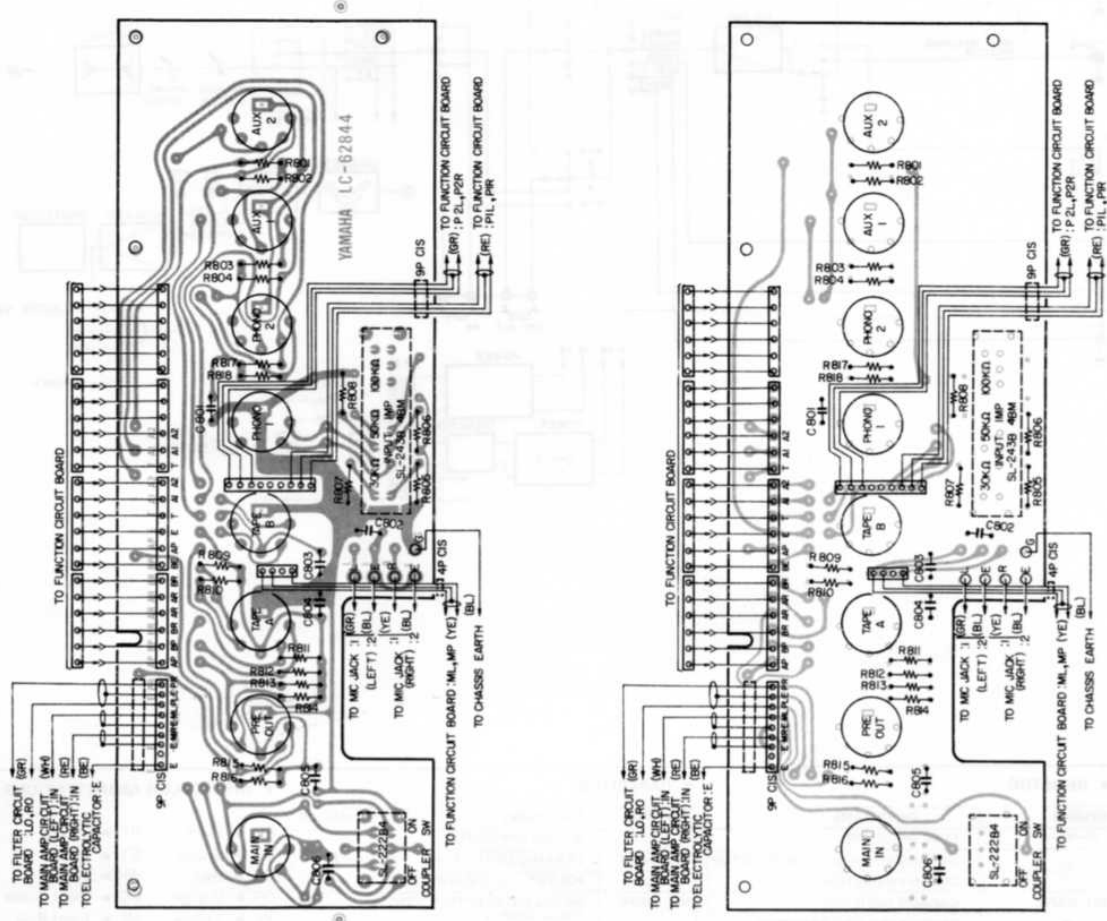


REAR PANEL CIRCUIT BOARD (U.S. & CANADIAN MODELS) NA06503



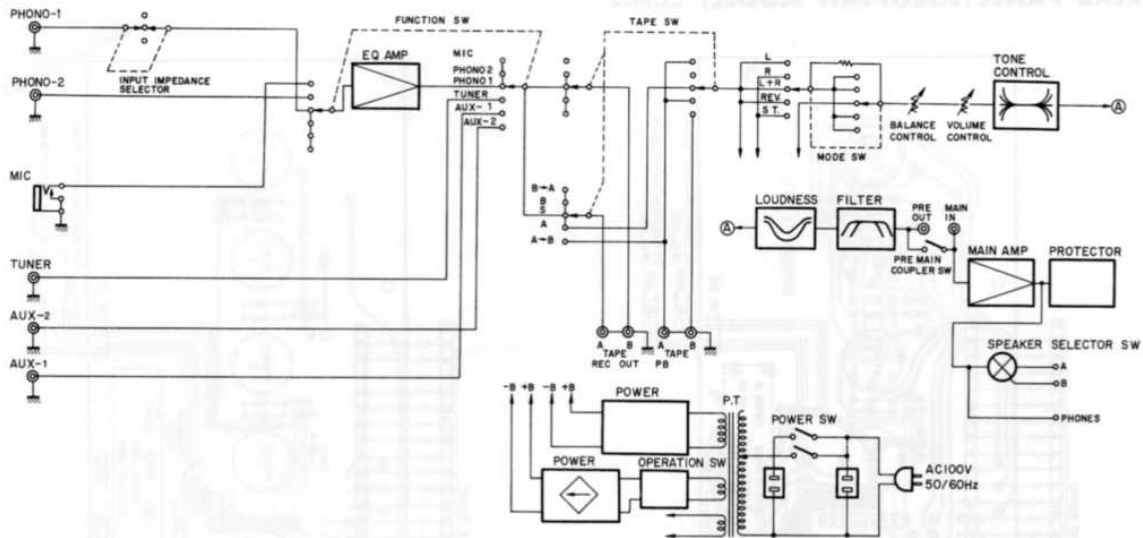
REAR PANEL (EUROPEAN MODEL) NA06504

BLOCK DIAGRAM



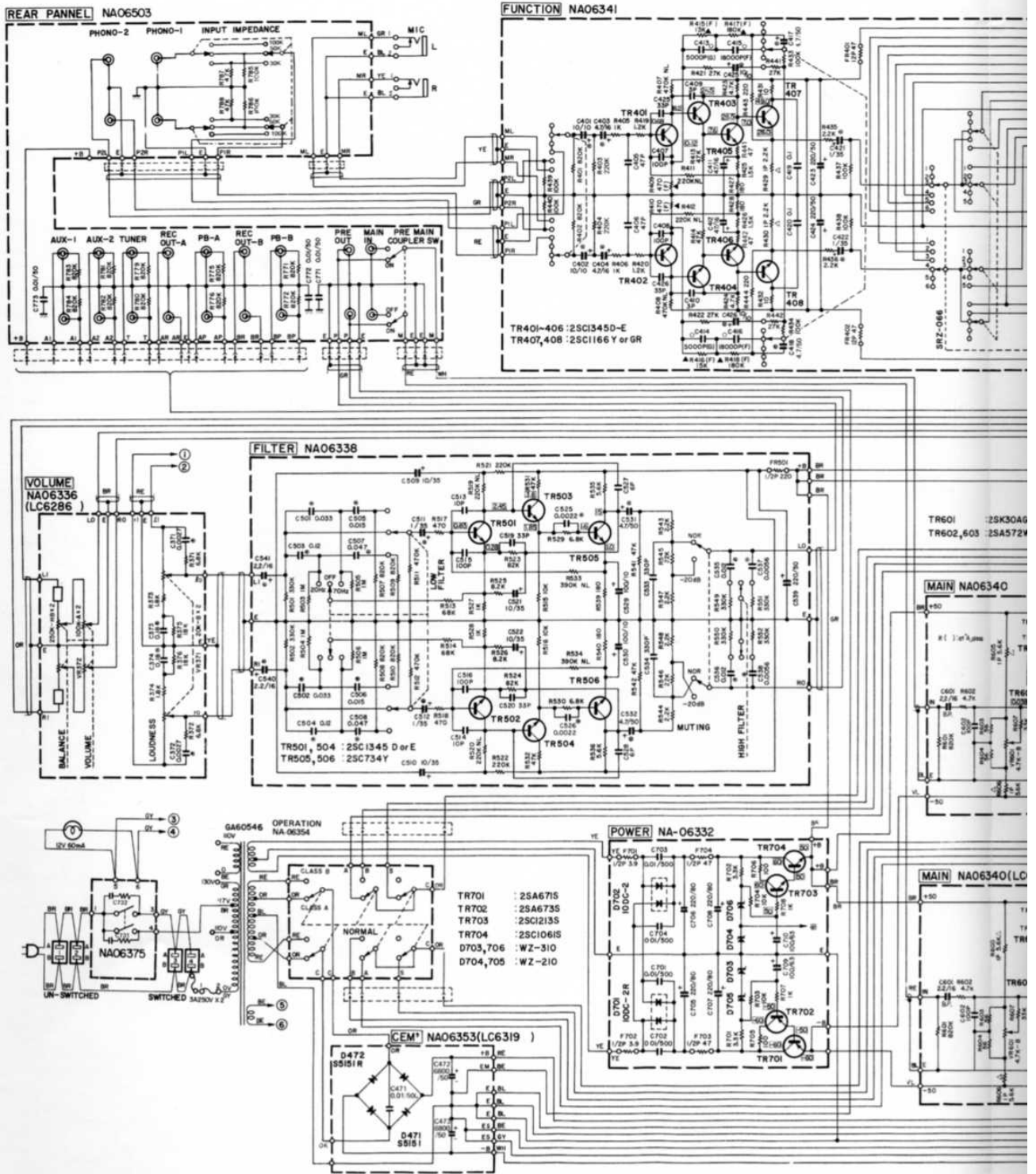


# BLOCK DIAGRAM

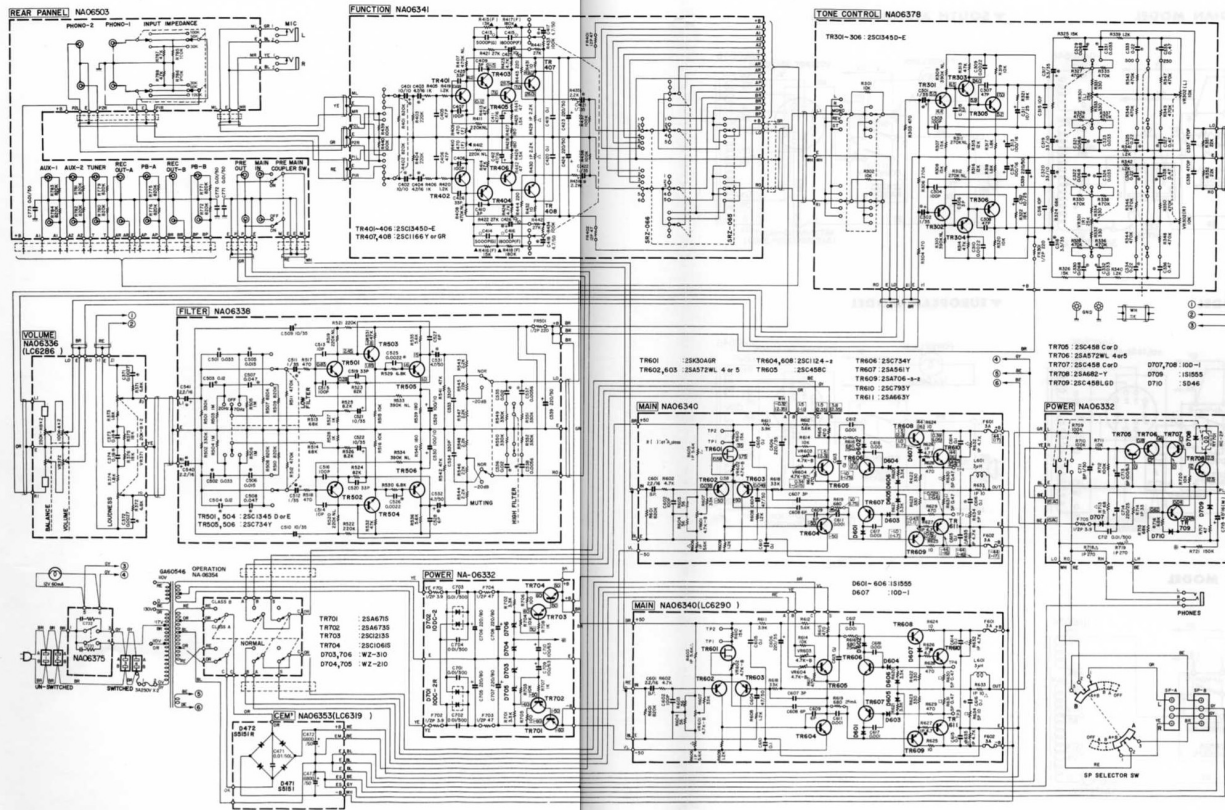


● RESISTOR		● CAPACITOR		● WIRE COLOR ABBREVIATIONS		
SYMBOL	PART NAME	SYMBOL	PART NAME	REMARKS		
	FUSE RESISTOR		MYLAR CAPACITOR	—  —	BL ▶ Black	VI ▶ Violet
	METALIZED OXIDATION RESISTOR	NO MARK	CERAMIC CAPACITOR		—  —	BR ▶ Brown
	CEMENT RESISTOR		POLYSTYRENE CAPACITOR	RE ▶ Red		WH ▶ White
NO MARK	CARBON RESISTOR	NO MARK	(BI-POLAR) ELECTROLYTIC CAPACITOR	—  —		OR ▶ Orange
	CEMENT MOLDED RESISTOR	●	LOW-NOISE ELECTROLYTIC CAPACITOR		YE ▶ Yellow	SB ▶ Light Blue
	METALIZED FILM RESISTOR	⊗	TANTALUM CAPACITOR		GR ▶ Green	PK ▶ Pink
					BE ▶ Blue	

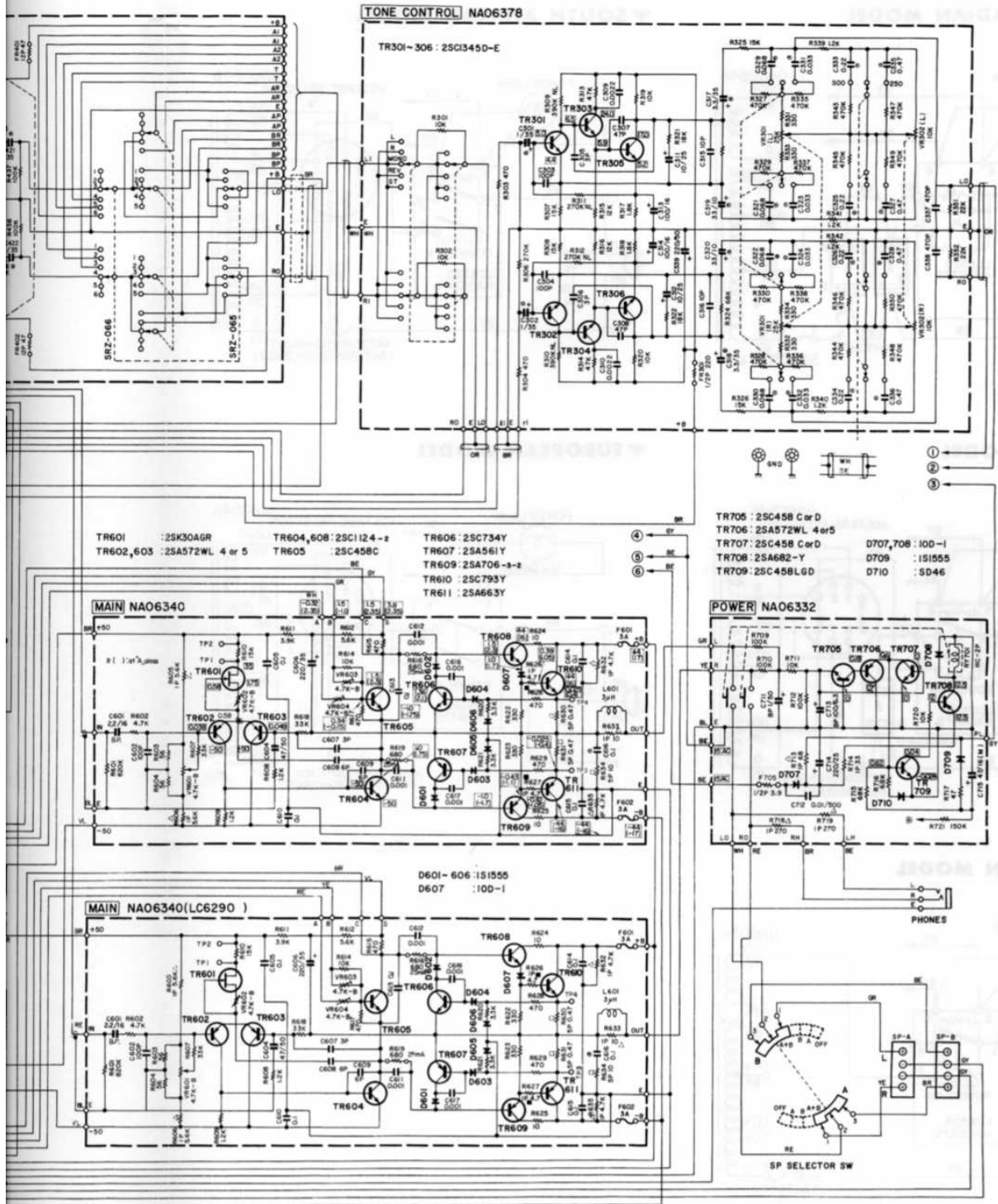
# OVERALL SCHEMATIC DIAGRAM



**OVERALL SCHEMATIC DIAGRAM**

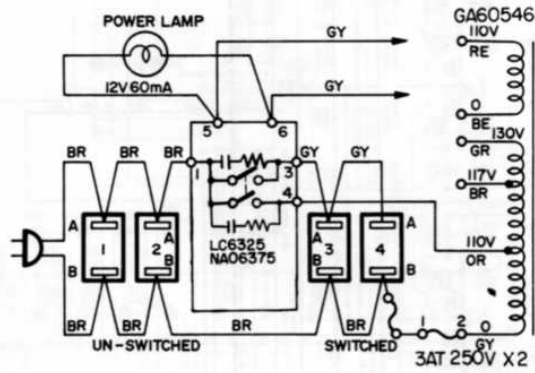


PARTIAL CHANGES MADE ACCORDING TO DESTINATION

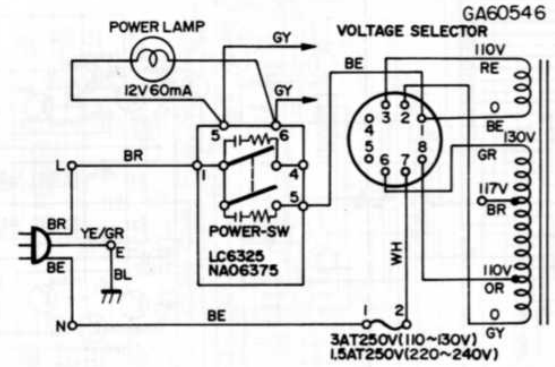


## PARTIAL CHANGES MADE ACCORDING TO DESTINATION

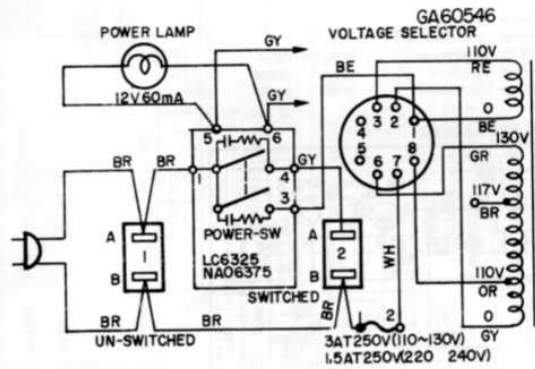
### ▼ U.S. & CANADIAN MODEL



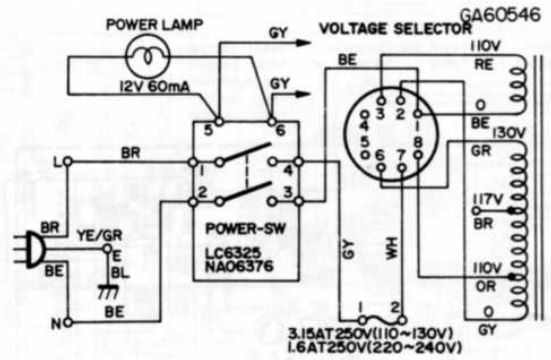
### ▼ SOUTH AFRICAN MODEL



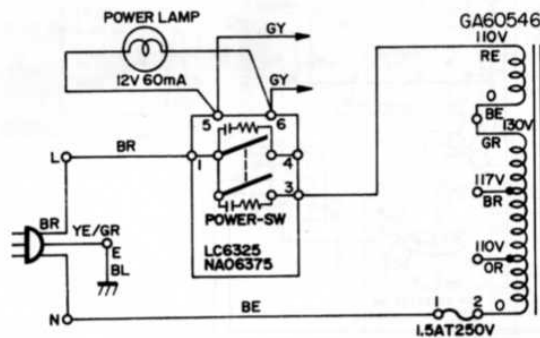
### ▼ GENERAL MODEL



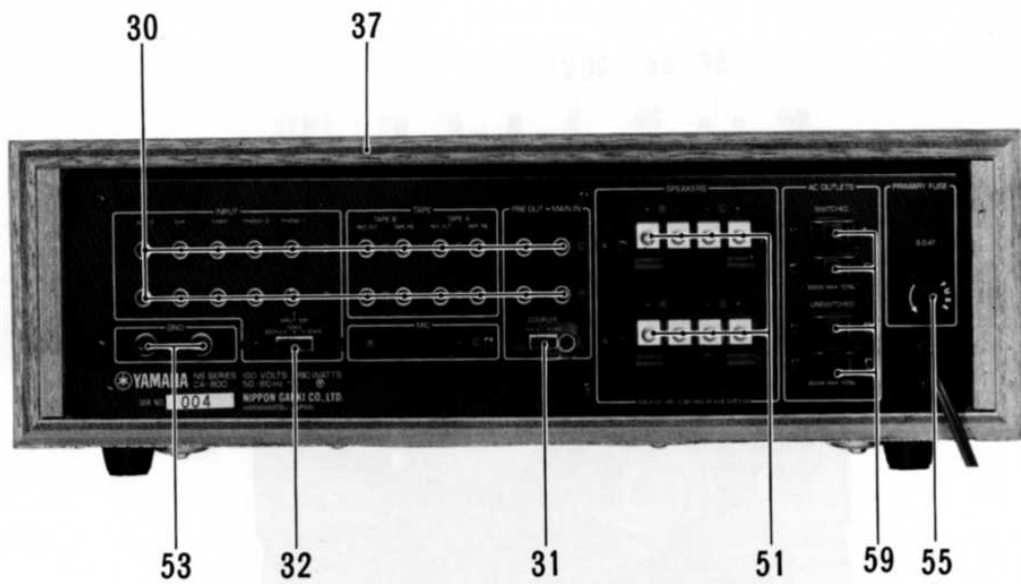
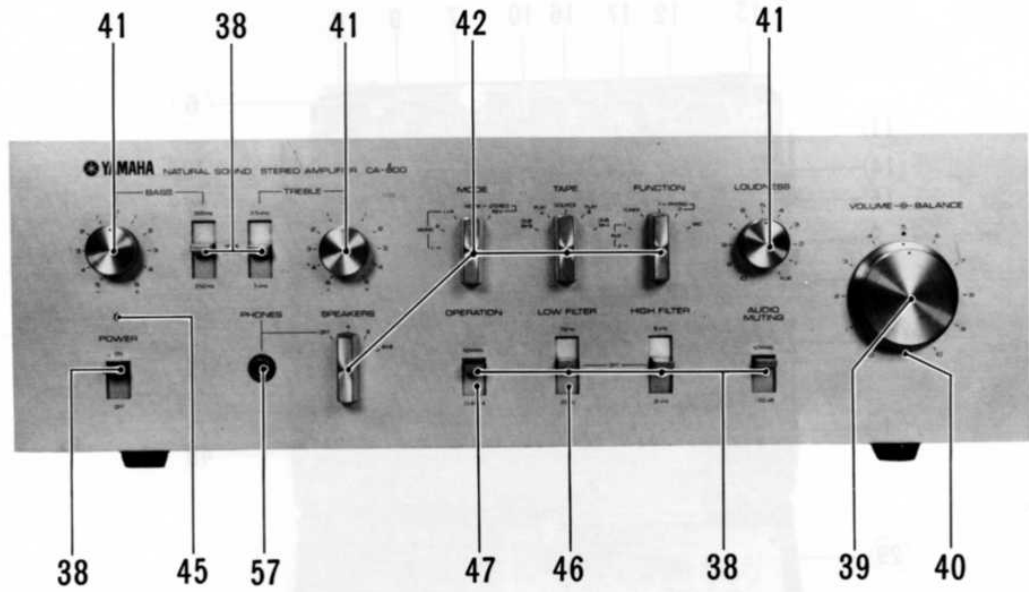
### ▼ EUROPEAN MODEL



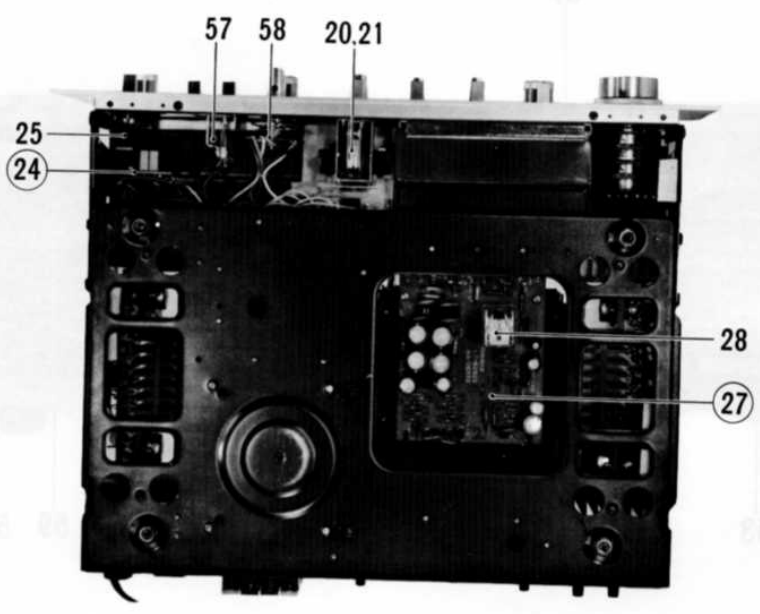
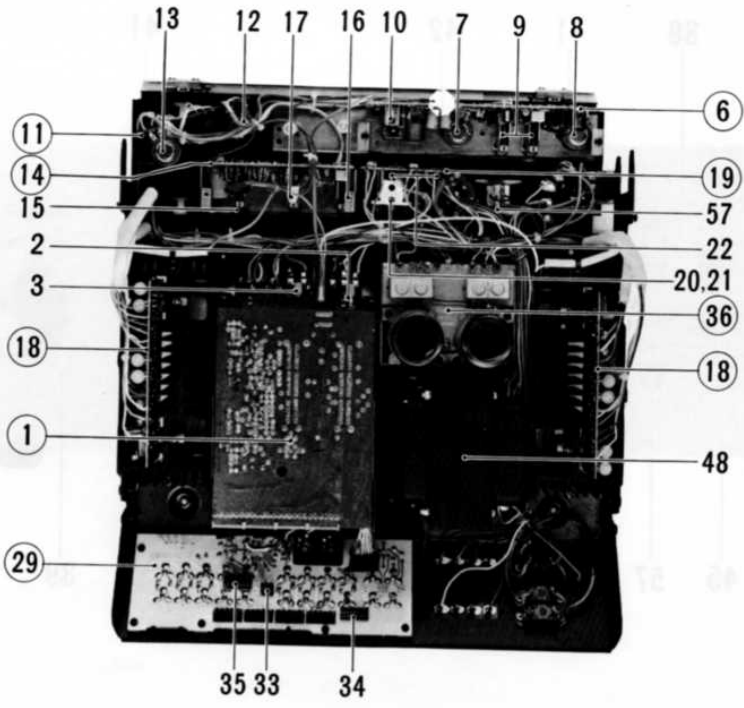
### ▼ AUSTRALIAN MODEL



# PARTS LIST







Ref. No.	Part No.	Description	Remarks	Common Models
①	NA06341	Function circuit board #6291	ファンクション シ ー ト	
	HE15822	Low noise resistor (Hori. type) 220 K $\Omega$ 1/4 W	ローノイズ抵抗 ヨコ型	
	HE15847	" 470 K $\Omega$ 1/4 W	"	
	HL31622	Metalized oxidation resistor 2.2 K $\Omega$ 1 W	酸化金属抵抗	
	HU47547	Metalized film resistor ( $\pm 1\%$ ) 470 $\Omega$	金属被膜抵抗	
	HU47715	" 15 K $\Omega$	"	
	HU47818	" 18 K $\Omega$	"	
	HZ00015	Fuse resistor 47 $\Omega$ 1/2W	ヒューズ抵抗	
	FD19350	Polystyrene capacitor (Vert. type) $\pm 2\%$ 5000 PF	スチロール コン デン サ	
	FD18418	" $\pm 1\%$ 18000 PF	"	
	FP12710	Tantalum capacitor 10 $\mu$ F 10 WV	タンタル固 体 コ ン デ ン サ	
	FP13647	" 4.7 $\mu$ F 16 WV	"	
	FP15610	" 1 $\mu$ F 35 WV	"	
	FP16647	" 4.7 $\mu$ F 50 WV	"	
	FJ23747	Electrolytic capacitor (Vert. type) 4.7 $\mu$ F 16 WV	電解コンデンサ	
	FJ26822	" 220 $\mu$ F 50 WV	"	
	iC11663	Transistor 2SC 1166 (Y or GR)	トランジスタ	
	iC13453	" 2SC 1345 (D or E)	"	
2	KA50028	Rotary switch SRZ-065	ロータリースイッチ	TAPE
3	KA50027	" SRZ-066	"	FUNCTION
4	LB60028	6P connector 02145-6A	6 P コネクター	
5	LB50005	5P " CIS-5P	5 P コネクター	
	MZ06352	Function connector Ass'y	ファンクションコ ネ ク ター ア ッ セ ン ブ リ	
	LB10016	CIS Keying pin	禁 止 ピ ン	

Ref. No.	Part No.	Description			Remarks	Common Models
⑥	NA06378	Tone circuit board	#62873	トーンコントロール シ―		
	HE15827	Low noise resistor	270 K $\Omega$	1/4 W	ローノイズ抵抗	
	HE15839	"	390 K $\Omega$	1/4 W	"	
	HZ00014	Fuse resistor	220 $\Omega$	1/2 W	ヒューズ抵抗	
	FP52733	Tantalum capacitor (20%)	33 $\mu$ F	10 WV	タンタル コンデンサ	
	FP15610	"	1 $\mu$ F	35 WV	"	
	FP15633	"	3.3 $\mu$ F	"	"	
	FJ12810	Electrolytic capacitor (Vert. type)	100 $\mu$ F	16 WV	電解コンデンサ	
	FJ14710	" ( " )	10 $\mu$ F	25 WV	"	
	FJ16822	" ( " )	220 $\mu$ F	50 WV	"	
7	HS12036	Variable resistor (V24-8Z)	10 K $\Omega$ x 2	W/11 click	可変抵抗器 付	TREBLE
8	HS12035	" (V24-9Z)	25 K $\Omega$ x 2	W/11 click	"	BASS
	IC13454	Transistor	2SC 1345 (D or E)		トランジスタ	
9	KA20014	Lever switch	SLA 34301		レバースイッチ	TURN OVER
10	KA50029	"	SRZ 045		"	MODE
⑪	NA06336	Volume circuit board	#62861	ポリウムシート		CA-1000 CA-600
12	HS12034	Variable resistor	820 K $\Omega$ x 2	w/11 click	ラウドネス用 可変抵抗	
13	HS12031	"	HB250 K $\Omega$ x 2, A100 K $\Omega$ x 2		ボリューム、バラ ンス用可変抵抗	
⑭	NA06338	Filter circuit board	#62883	フィルターシート		CA-1000
	HE15822	Low noise Resistor	220 K $\Omega$	1/4 W	ローノイズ抵抗	
	HE15839	"	390 K $\Omega$	1/4 W	"	
	HZ00014	Fuse resistor	220 $\Omega$	1/2 W	ヒューズ抵抗	

Ref. No.	Part No.	Description			Remarks	Common Models
	FP13622	Tantalum capacitor	2.2 $\mu$ F	16 WV	タンタル固体 コンデンサ	
	FP15610	"	1 $\mu$ F	35 WV	"	
	FP16647	"	4.7 $\mu$ F	50 WV	"	
	FJ15710	Electrolytic capacitor (Vert. type)	10 $\mu$ F	35 WV	電解コンデンサ	
	FJ16822	"	220 $\mu$ F	50 WV	"	
	FJ12810	"	100 $\mu$ F	10 WV	"	
	iC07342	Transistor	2SC 734 (Y)		トランジスタ	
	iC13454	"	2SC 1345 (D or E)		"	
15	KA20012	Lever switch	SLA34302		ミューティング スイッチ	
16	KA20014	"	SLA 34301		ローフィルター スイッチ	
17	KA20016	"	SLA 32301		ハイフィルター スイッチ	
⑱	NA06389	Main Circuit board	#62903		メインシート	European model
	NA06340	"			"	Except European model
	HZ00021	Fireproofing resistor	4.7 $\Omega$	1 W	不燃性抵抗	
	HL31410	Metalized oxidation resistor	10 $\Omega$	1 W	酸化金属抵抗	
	HL31647	"	4.7 K $\Omega$	1 W	"	
	HL41656	"	5.6 K $\Omega$	1 W	"	
	HM55247	Cement resistor	0.47 $\Omega$	5 W	セメント抵抗	
	HM55410	"	10 $\Omega$		"	
	FJ25822	Electrolytic capacitor (Vert. type)	220 $\mu$ F	35 WV	電解コンデンサ	
	FM09622	Bipolar electrolytic capacitor	2.2 $\mu$ F	16 WV	バイポーラ ケミコン	
	FM11747	"	4.7 $\mu$ F	50 WV	"	
	HT41015	Variable resistor (SV10KR)	B 4.7 K $\Omega$		ソリッド V R	
	GD90005	Air-core coil	3.0 $\mu$ H		空心コイル	

Ref. No.	Part No.	Description		Remarks	Common Models
	iA05612	Transistor	2SA561 (Y)	トランジスタ	
	iA05720	"	2SA572 (W-4,5)	"	
	iA07063	"	2SA706 (3-2)	"	
	iC04583	"	2SC458 (C)	"	
	iC07342	"	2SC734 (Y)	"	
	iC11242	"	2SC1124	"	
	iE00002	Field Effect transistor	2SK30AGR	電界効果 トランジスタ	
	iF00004	Diode	1S1555	ダイオード	
⑱	NA06354	Operation switch circuit board	#63091	オペレーション スイッチシート	CA1000
20	KA20012	Lever switch	SLA34202	レバースイッチ	
21	KA60009	Micro switch	V-10-1A	マイクロスイッチ	
22	LB50005	CIS 5P socket		C I S 5 P ソケット	
23	LB10016	CIS Keying pin		C I S キーイング ピン	
	NB06636	Operation mechanism Ass'y		オペレーション 具 Ass'y	
⑳	NA06375	Power switch circuit board	#63251	パワースイッチ シート	CA-1000, CA-600
25	KA20010	Power switch	JL-04	パワースイッチ	
26	FZ00011	Spark killer	0.003 $\mu$ F x 120 $\Omega$	スパークキラー	
㉑	NA06529	Power supply circuit board	#62823	電源シート	Canadian model
	NA06332	"		"	Except Canadian model CA1000
	HZ00016	Fuse resistor	3.9 $\Omega$ 1/2 W	ヒューズ抵抗	
	HZ00015	"	47 $\Omega$ 1/2 W	"	
	HL41433	Metalized oxidation resistor	33 $\Omega$ 1 W	酸化金属抵抗	
	HL41468	"	68 $\Omega$ 1 W	"	
	HL41527	"	270 $\Omega$ 1 W	"	

Ref. No.	Part No.	Description			Remarks	Common Models
	FM10810	Bipolar electrolytic capacitor	100 $\mu$ F	6.3 WV	バイポーラ ケミコン	
	FM11610	"	1 $\mu$ F	50 WV	"	
28	KC00008	Relay	HC-2P	DC-12V	リレー	
	iA05720	Transistor	2SA572 (W-4, 5)		トランジスタ	
	iA06719	"	2SA671S (B or C)		"	
	iA06739	"	2SA673S (B or C)		"	
	iA06820	"	2SA682 (Y)		"	
	iC04583	"	2SC458		"	
	iC10618	"	2SC1061S (C or D)		"	
	iC12139	"	2SC1213S (B or C)		"	
	iH00003	Diode	10D-1		ダイオード	
	iH00005	"	10DC-2		"	
	iH00013	"	10DC-2R		"	
	iF00004	"	1S1555		"	
	iF00002	"	SD-46		"	
	iF00028	Zenner diode	WZ-210		ツェナー ダイオード	
	iF00022	"	WZ-310		"	
	KB00066	Miniature fuse	400 mA T	250 V	⑤ ヒューズ タイムラグ	
②9	NA06503	Rear panel circuit board #62841			リヤパネルシート	Except European Model CA600
30	LB10014	Pin jack	SMK	S-Q3061	ピンジャック	
31	KA40021	Slide switch	SL222B4		スライドスイッチ	COUPLER
32	LA40020	"	SL243B3BM		"	PHONO IMP.
33	LB40008	CIS Connector socket	4 P		C I S 4 P コネクタースイッチ	
34	LB60025	CIS Connector socket	9 P		C I S 9 P コネクターソケット	
35	LB60027	6 P Connector plug	NO2183-6A		6 P コネクター プラグ	
	LB10016	CIS Keying plug			C I S キーイング プラグ	



Ref. No.	Part No.	Description	Remarks	Common Models
③⑥	NA06353	Electrolytic capacitor circuit board #63191	ケミコンシート	
	FL26968	Electrolytic capacitor (lug type) 6800 μF 50 WV	電解コンデンサ ラグ型	
	iH00022	Diode S515R (Black)	ダイオード	
	iH00021	" S5151 (red)	"	
37	DC6048Z	Outside case	外箱	CA1000
	CB06863	Cord stopper HEYCO SR-3P-4	コードストッパー	General, U.S. & Canadian models CA1000
	CB00441	" 0661006	"	South African, Australian & European models CA1000
38	CB06857	Knob (for lever swtch)	レバースイッチ用 ツマミ	CA1000
39	BA06443	Double knob (VOLUME)	ダブルツマミ	CA1000
40	BA06448	" (BALANCE)	"	CA1000
41	BA06446	Knob (LOUDNESS)	ツマミ	CA1000
42	BA06442	Switch knob (MODE, TAPE, FUNCTION)	スイッチツマミ	CA1000
43	BA06444	Double knob (TONE LEFT CH.)	ダブルツマミ	CA1000
44	BA06447	" (TONE RIGHT CH.)	"	CA1000
45	CB06861	Lamp lens	ランプレンズ	CA1000
46	CB06873	Switch apron 15 x 42	スイッチエプロン	CA1000
47	CB06872	" 15 x 29	"	CA1000
48	GA60541	Power transformer	電源トランス	
49	NB06632	Rear panel sub ass'y	リアパネルサブ アッシー	Except European Model
50	NA06504	Rear panel circuit board	リアパネルシート	European Model
51	LA00111	4PD type push terminal x-Q2366	4PD型プッシュ ターミナル	Except European Model
52	LB20005	Din 2P socket CS-220	DIN 2P ソケット	European Model
53	LA00107	Ground terminal	アース端子	
54	LB20025	Voltage selector	電圧切換器	
55	LB20044	Fuse holder	ヒューズホルダー	Except European Model
56	LB20059	"	"	European Model
57	LB30008	Phone jack	フォンジャック	European Model
58	KA50031	Rotary switch Y-124P	ロータリー スイッチ	
		Front panel unit	フロント パネルユニット	
59	LB20030	AC socket	A C コンセント	