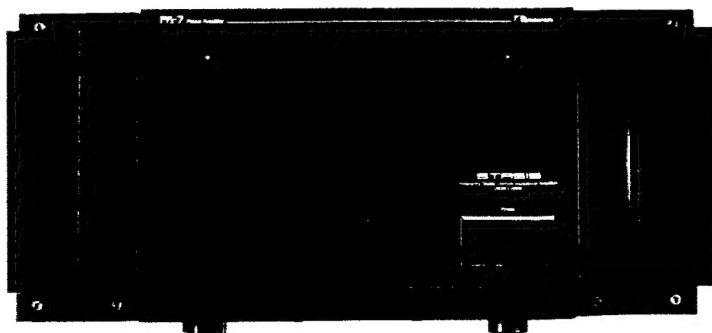




Service Manual

Nakamichi PA-7 PA-7E

Power Amplifier



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1. GENERAL

1.1. Voltage Selector

Voltage selector is installed on the rear panel for Other version of the Nakamichi PA-7.
This voltage selector can select 110 V, 120 V, 220 V or 240 V at customer's disposal.

1.2. Packing Materials, Owner's Manual and Power Cord

Part No.	Description	Q'ty
OF03875B	Outer Carton PA-7	1
OF03876C	Outer Carton PA-7E	1
OF03869B	Inner Carton PA-7	1
OF03870B	Inner Carton PA-7E	1
OF03877B	Packing	2
OD04531A	Owner's Manual English	1
OD04530A	Owner's Manual English/German/French	1
OB90137A	Power Cord PA-7 (U.S.A. & Others)	1
OB90139A	Power Cord PA-7 (Australia)	1
OB90138A	Power Cord PA-7E (220V Class 2)	1
OB90154A	Power Cord PA-7E (Switzerland)	1
OB90140A	Power Cord PA-7E (UK)	1
OF03887A	Power Cord Band	1

4. MECHANISM ASS'Y AND PARTS LIST

Schematic Ref. No.	Part No.	Description	Q'ty	Schematic Ref. No.	Part No.	Description	Q'ty
		Synthesis Serial No.: B20601001 —		A01	HA04832A	Handle L Ass'y Serial No.: B20601001 —	1
01	HA04832A	Handle L Ass'y	1	01	0H04631A	Handle L	1
02	HA04846A	Front Panel Ass'y PA-7	1	02	0J05006A	Vinyl Chloride Plate A	2
	HA04847A	Front Panel Ass'y PA-7E	1	03	0H04655A	Vinyl Chloride Plate B	1
03	BA05688A	Clipping LED P.C.B. Ass'y	2	L01	0E03310A	M4x6 @ Binding (Black Chromate)	2
04	BA05687A	Power LED P.C.B. Ass'y	1				
05	HA04833A	Handle R Ass'y	1	A02	HA04833A	Handle R Ass'y Serial No.: B20601001 —	1
06	0J04989B	Front Chassis	1				
07	0B71003A	Power Switch	1	01	0H04632A	Handle R	1
08	0J05048A	P.C.B. Spacer	4	02	0J05006A	Vinyl Chloride Plate A	2
09	BA05754B	Limiter P.C.B. Ass'y PA-7 (U.S.A.)	1	03	0H04655A	Vinyl Chloride Plate B	1
	BA05755B	Limiter P.C.B. Ass'y PA-7 (Australia & Others) & PA-7E	1	L01	0E03310A	M4x6 @ Binding (Black Chromate)	2
10	0H04634D	Heat Sink B	1	A03	HA04846A	Front Panel Ass'y PA-7	1
11	0H04633D	Heat Sink A	1		HA04847A	Front Panel Ass'y PA-7E Serial No.: B20601001 —	1
12	0J04990A	Side Chassis	2				
13	0J05025A	Stud	2				
14	BA05684B	Amp. L P.C.B. Ass'y	1	01	0H04618B	Front Panel PA-7	1
15	0M04377B	Caution Label	1		0H04619B	Front Panel PA-7E	1
16	0H04629B	Top Cover	1	02	HA04849A	Power Switch Button Ass'y	1
17	0J05011A	Cushion A	6	03	0J05000B	Spring	1
18	0J05055A	Cushion B	1	04	0H04652B	Guide	1
19	0B12253A	Diode Bridge 15G4B41	2	05	0H04653B	Illuminator	1
20	0J05047B	Ground Plate Collar	1	06	0H04651A	Lens	2
21	0J04992C	Ground Plate	1	07	0J05005A	P.C.B. Cushion	2
22	0J05003A	Center Stud	1				
23	0B40328A	Electrolytic Capacitor 33000µF 100V	4				
24	0B50046B	Power Transformer 120V PA-7 (U.S.A.)	1				
	0B50048B	Power Transformer 220/240V PA-7 (Australia) & PA-7E	1				
	0B50049A	Power Transformer 120/220-240V PA-7 (Others)	1				
25	0H04650A	Bottom Chassis	1				
26	0J05009A	Leg T-D	4				
27	HA04845A	Rear Panel Ass'y PA-7 (U.S.A.)	1				
	HA04843A	Rear Panel Ass'y PA-7 (Australia)	1				
	HA04842A	Rear Panel Ass'y PA-7 (Others)	1				
	HA04844A	Rear Panel Ass'y PA-7E	1				
28	BA05685B	Amp. R P.C.B. Ass'y	1				
29	0H04671C	Heat Sink D	1				
30	0H04635D	Heat Sink C	1				
31	0B08515A	Insu-Lock	20				
32	BA05980A	Protector L P.C.B. Ass'y	1				
33	BA05981A	Protector R P.C.B. Ass'y	1				
L01	0E00745A	Bolt M4x10 Hex. Socket Head (Black Chromate)	8				
L02	0E00985A	M3x6 @ Binding (Black Chromate)	16				
L03	0E03283A	ST 3x6 @ Binding (Black Chromate)	7				
L04	0E03220A	ST 3x5 @ Countersunk	2				
L05	0E00857A	BT 3x6 @ Binding	2				
L06	0E03298A	ST 4x14 @ Binding (Black Chromate)	18				
L07	0E03289A	M4x12 @ Binding (Bronze)	8				
L08	0E03030A	M3x6 @ Binding (Nickel)	2				
L09	0E00713A	M3x6 @ Truss (Bronze)	9				
L10	0E03290A	M4x15 @ Binding (Bronze)	2				
L11	0E03299A	Nut Hex. M4	1				
L12	0E03287A	M4x6 @ Binding (Gold)	8				
L13	0E03296A	M4x4 @ Binding (Black Chromate)	12				
L14	0E00907A	ST 4x8 @ Binding (Black Chromate)	8				
L15	0E03286B	Washer 6mm (Black Chromate)	4				
L16	0E03291A	Nut Hex. M6 (Black Chromate)	4				
L17	0E00972A	Nut Hex. M3 (Nickel)	2				
L18	0E00594A	M3x8 @ Binding (Bronze)	2				
L19	0E03034A	M4x8 @ Binding (Nickel)	3				
L20	0J05063A	Fiber Washer 0.5T	8				

2. PARTS LOCATION FOR ELECTRICAL ADJUSTMENT

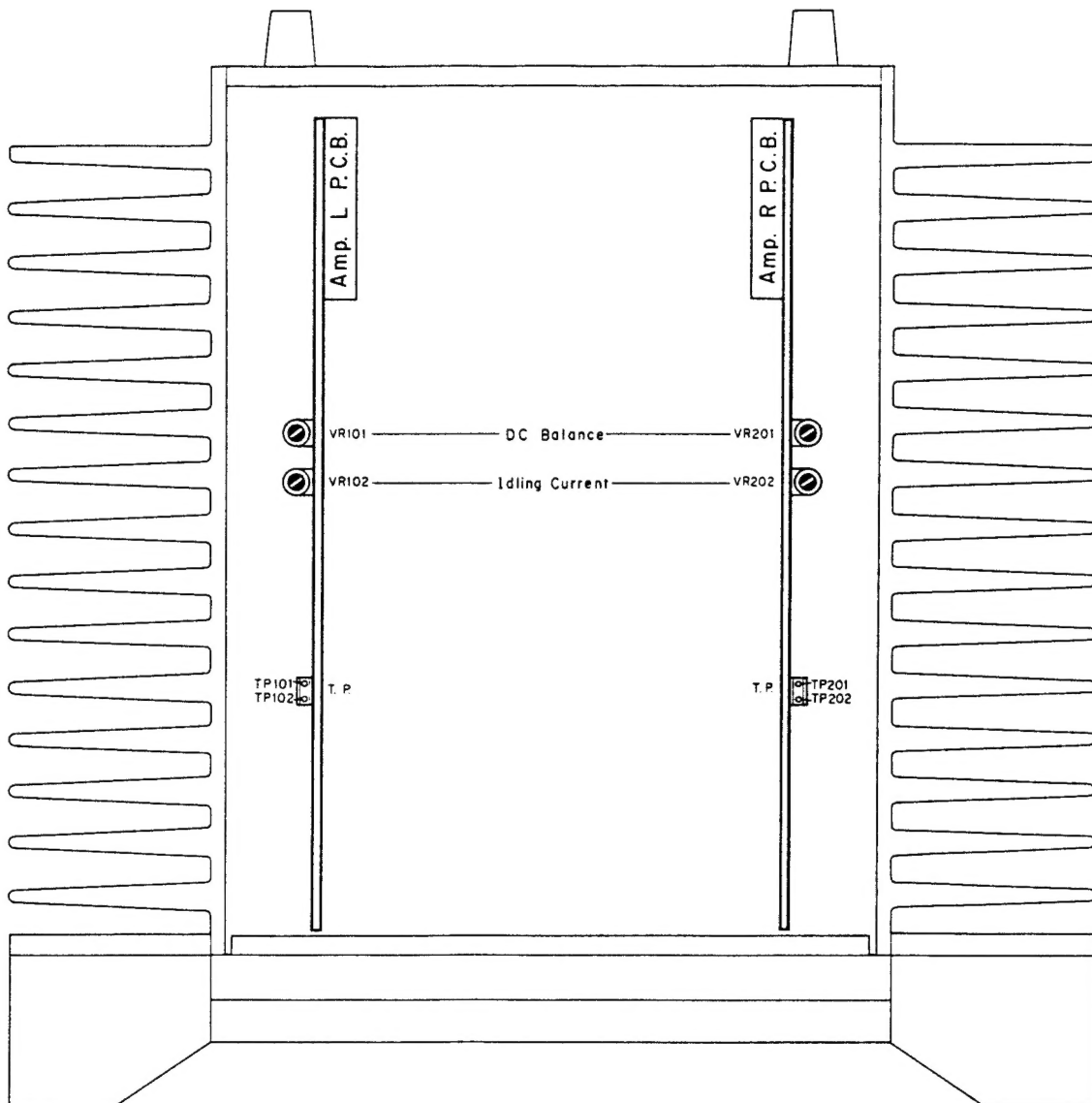


Fig. 2

3. ELECTRICAL ADJUSTMENTS

3.1. Preparation for Adjustment

- (1) Insert shorting pins into the Input Jacks.
- (2) Remove loads of the speaker terminals.
- (3) Before starting adjustment, allow twenty minutes or more after the power is turned ON.

3.2. DC Balance Adjustment

- (1) Connect a DC voltmeter to the L (R) channel speaker terminal.
- (2) Adjust VR101 (VR201) to obtain 0 ± 100 mV on the DC voltmeter.

3.3. Idling Current Adjustment

- (1) Connect a DC voltmeter between TP101 and TP102 (TP201 and TP202) on the Amp. L (R) P.C.B. Ass'y.
- (2) Adjust VR102 (VR202) to obtain 40 mV on the DC voltmeter (idling current: 40 mA).
- (3) Repeat 3.2 and 3.3 one or two times.
- (4) Remove shorting pins from the Input Jacks.

4.1. Synthesis

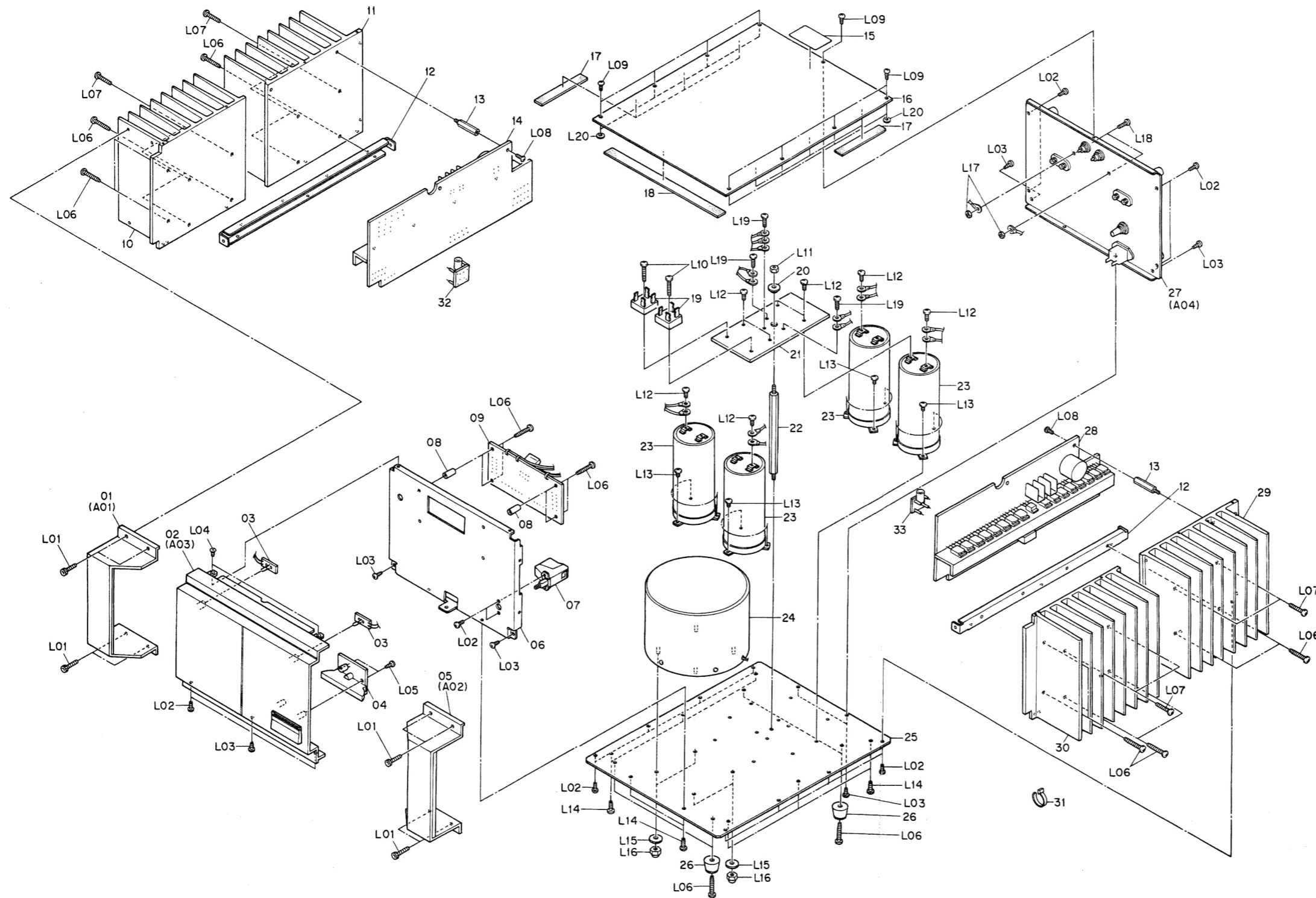


Fig. 4.1

4.2. Handle L Ass'y (A01)

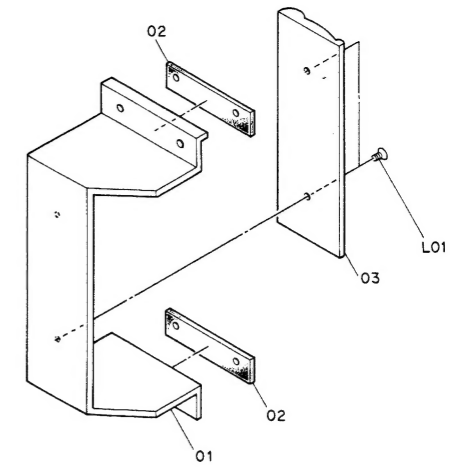


Fig. 4.2

4.3. Handle R Ass'y (A02)

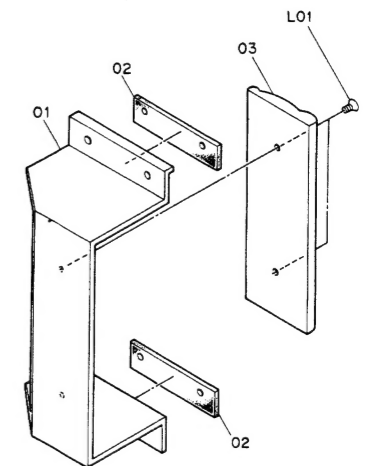


Fig. 4.3

4.4. Front Panel Ass'y (A03)

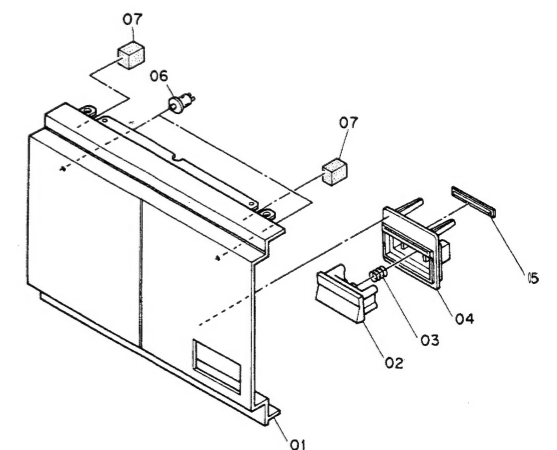


Fig. 4.4

4.5. Rear Panel Ass'y (A04)

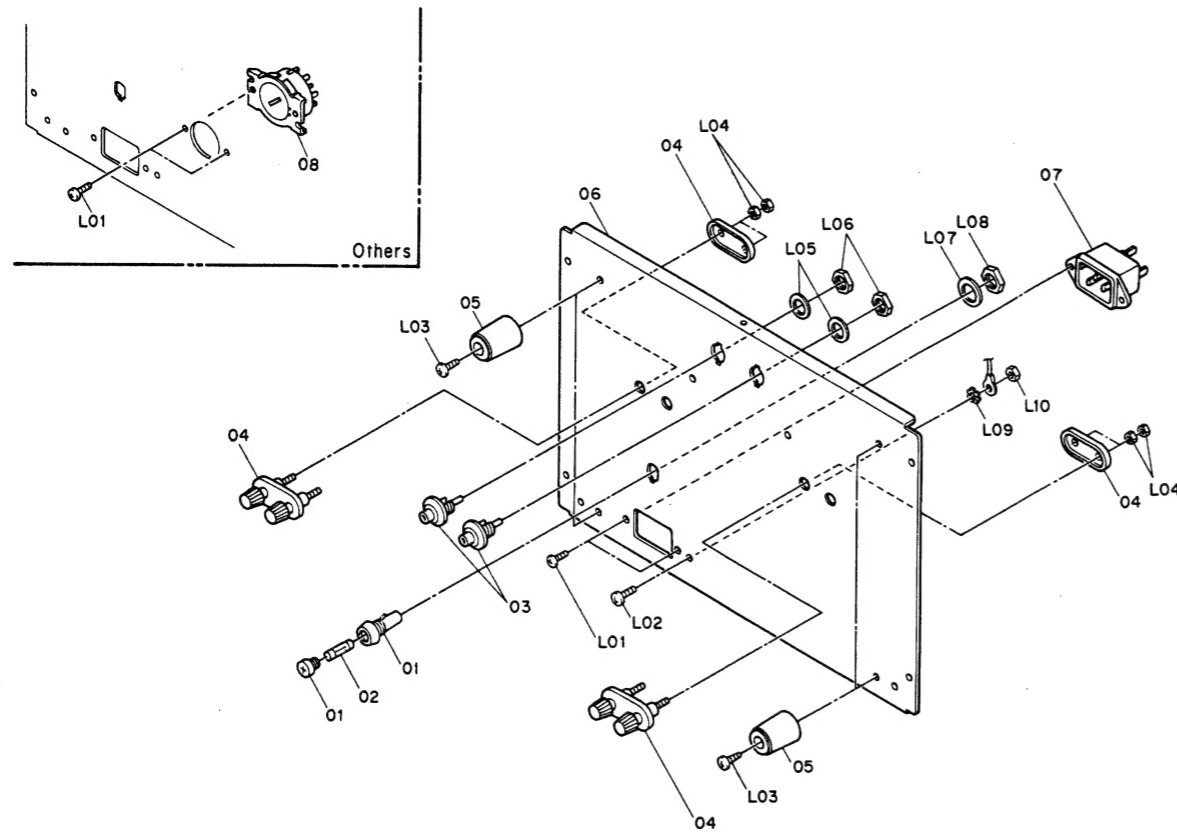


Fig. 4.5

Schematic Ref. No.	Part No.	Description	Qty
A04	HA04845A	Rear Panel Ass'y PA-7 (U.S.A.)	1
	HA04843A	Rear Panel Ass'y PA-7 (Australia)	1
	HA04842A	Rear Panel Ass'y PA-7 (Others)	1
	HA04844A	Rear Panel Ass'y PA-7E	1
	Serial No.: B20601001 -		
01	0B90093A	Fuse Holder PA-7 (U.S.A. & Others)	1
	0B90094A	Fuse Holder PA-7 (Australia) & PA-7E	1
02	0B90118A	Fuse 10A PA-7 (U.S.A. & Others)	1
	0B90120A	Fuse T5A PA-7 (Australia) & PA-7E	1
03	0B81364A	Pin Jack	2
04	0B81365A	Speaker Terminal	2
05	0J05029A	Leg T-A	4
06	0H04624D	Rear Panel PA-7 (U.S.A. & Australia)	1
	0H04660D	Rear Panel PA-7 (Others)	1
	0H04625D	Rear Panel PA-7E	1
07	0B90092A	AC Inlet PA-7 (U.S.A.)	1
	0B90087A	AC Inlet PA-7 (Australia & Others) & PA-7E	1
08	0B70049A	Voltage Selector PA-7 (Others)	1
L01	0E00818A	M3x8 Φ Binding (Black Chromate)	2
L02	0E03058A	M4x8 Φ Binding (Black Chromate)	1
L03	0E03313A	BT 4x8 Φ Pan (Black Chromate)	4
L04	—	Speaker Terminal Nut	8
L05	—	Pin Jack Washer	2
L06	—	Pin Jack Nut	2
L07	—	Fuse Holder Washer	1
L08	—	Fuse Holder Nut	1
L09	0E00078A	Washer 4mm Toothed Lock	1
L10	0E00506A	Nut Hex. M4	1

5. MOUNTING DIAGRAMS AND PARTS LIST

- Notes: 1. Mounting diagram shows a dip side view of the printed circuit board.
 2. Diode is 1SS53, 1S1555, or 1SS176 unless otherwise specified.
 3. Abbreviation for part name:
 TR — Transistor, SiD — Silicon Diode, ZD — Zener Diode
 RK — Carbon Resistor, RM — Metal Film Resistor, RF — Fail Safe Type Resistor, RC — Cement Resistor
 CE — Electrolytic Capacitor, CM — Mylar Capacitor, CC — Ceramic Capacitor, CP — PP Capacitor,
 CT — Tantalum Capacitor, CF — Film Capacitor, C — Mica Capacitor

5.1. Clipping LED P.C.B. Ass'y

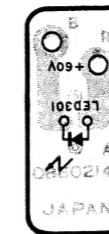


Fig. 5.1

5.2. Power LED P.C.B. Ass'y

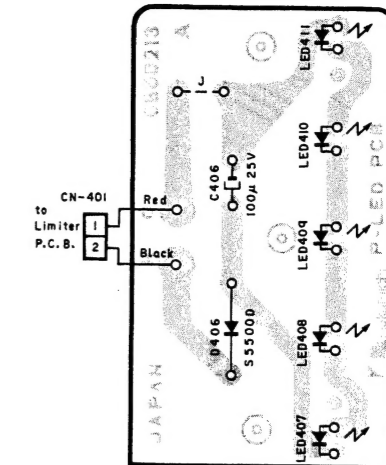


Fig. 5.2

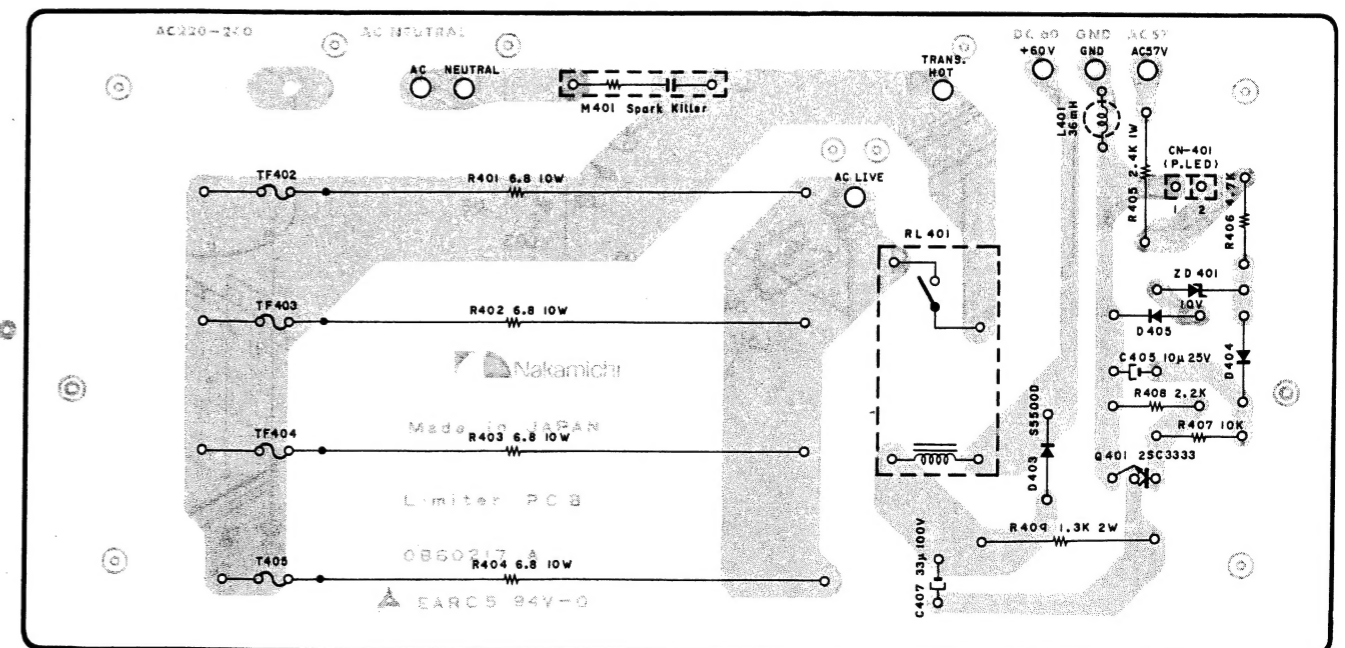


Fig. 5.3

NEPTUNE-1P Channel PCB

MADE IN JAPAN

8208 03207

0820015 #

8AKCS 94V-0

Fig. 5.4

Schematic Ref. No.	Part No.	Description	Schematic Ref. No.	Part No.	Description	Schematic Ref. No.	Part No.	Description	Schematic Ref. No.	Part No.	Description	Schematic Ref. No.	Part No.	Description				
LED301	BA05688A	Clipping LED P.C.B. Ass'y		BA05754B	Limiter P.C.B. Ass'y PA-7 (U.S.A. & Canada)		BA05684B	Amp. L P.C.B. Ass'y	R105,111 R106	OB09491A	RM 1K 1/4W F	C103 C104 C105 C106,107 C108 C109 C110 C111 C112 C113 TH101 M101 RL101	OB41539A	C 22P 50V J				
	OB60214A	Clipping LED P.C.B.		BA05755B	Limiter P.C.B. Ass'y PA-7 (Australia & Others) & PA-7E		Q101 Q102-105 112,131 132,133 134,135 137	OB60215A OB06257A OB10103A	Amp. L P.C.B. FET 2SK240 TR 2SC3333 (11)	R107,112 R109 R110,116 119 R113 R114,115 R117 R118 R121,124 R122,123 R125-138	OB09424A OB09760A OB22638A OB22632A		RM 4.75K 1/4W F RM 332 1/4W F RM 47.5K 1/4W F RM 75 1/4W F	OB41538A OB40336A OB41540A OB41537A OB40331A OB401674A OB40330A OB01405A OB41619A OB19003A OB90084A OB90083A OB81366A	C 10P 50V J CE 10μ 35V C 100P 100V J CM 0.1μ 100V J CE 47μ 16V (BP) CE 10μ 25V CE 10μ 100V CE 1μ 50V CE 1μ 100V			
	OB12260B	LED Red																
	OB82418A	LED Cord (1)																
LED407 408,409 410,411 D406 C406	BA05687A	Power LED P.C.B. Ass'y	Q401 ZD401 D403 D404,405 L401 R401-404 R405 R406 R407 R408 R409 C405 C407 RL401 M401	OB60217A	Limiter P.C.B. TR 2SC3333	Q106,109 Q107,129 130 Q108 Q110 Q111 Q113 Q114 Q115-121 Q122-128 Q136 D101,102 105,109 D103,104 D106,107 108 VR101 VR102 R101,108 R102 R103 R104	OB10143A	TR 2SC3334	R139 R140 R141 R142,145 R143,149 R144 R146 R147 R148 R150 R151 R152 R153 R154 R155 C101 C102	OB10102A	TR 2SA1320	R125,124 R122,123 R125-138 R139 R140 R141 R142,145 R143,149 R144 R146 R147 R148 R150 R151 R152 R153 R154 R155 C101 C102	OB24058A OB24064A OB24057A	RF 3 2W J RC 1 2W RF 1 2W J (14)	OB24059A OB09752A OB09446A OB05641A OB01846A OB24062A OB09509A OB05625A OB05776A OB05622A OB24060A OB24073A OB05615A OB24073A OB01857A OB41541A OB41536A	RM 5.1 2W J RF 274K 1/4W F RM 33.2K 1/4W F RK 47K 1/4W J RK 4.7K 1/4W J RF 4.7K 1/2W J RK 20K 1/4W J RK 220K 1/4W J RK 1M 1/4W J RK 2.2K 1/4W J RF 1.8K 1W J RF 2.2K 1/2W J RK 22K 1/4W J RF 2.2K 1/2W J RK 1K 1/4W J C 330P 100V J CM 10μ 200V K	OB82412C OB82413C OB82414A OB82415C OB82419C OB82420D OB82480B OE00754A OE00966A OE08680B OE00972A OB90082A OB90075B	DC Cord (R) DC Cord (BL) G-Prot. Cord G-Input Cord SP Out B Cord SP Out B Cord Input Cord M3x8 @Pan M3x5 @Binding Heat Sink A Nut Hex. M3 TR Mica P.C.B. Stand
	OB60213A	Power LED P.C.B. LED Green		OB12252A	SiD S5500D		OB06233A	ZD 10V RD10EB3		OB10143A	TR 2SC3334		OB24058A	RF 3 2W J	OB24059A	RM 5.1 2W J	OB82412C	DC Cord (R)
	OB12251A	LED Green		OB12252A	SiD S5500D		OB06233A	ZD 10V RD10EB3		OB10102A	TR 2SA1320		OB24064A	RC 1 2W	OB09752A	RF 274K 1/4W F	OB82413C	DC Cord (BL)
	OB12252A	SiD S5500D		OB01272A	CE 100μ 25V		OB082493A	P-LED Cord		OB10102A	TR 2SA1320		OB24057A	RF 1 2W J	OB09446A	RM 33.2K 1/4W F	OB82414A	G-Prot. Cord
	OE00857A	BT 3x6 @ Binding (1)		OB082493A	BT 3x6 @ Binding (1)		OB06233A	ZD 10V RD10EB3		OB10102A	TR 2SA1320		OB24058A	RF 3 2W J	OB05641A	RK 47K 1/4W J	OB82415C	G-Input Cord
	OB01272A	CE 100μ 25V		OB082493A	BT 3x6 @ Binding (1)		OB06233A	ZD 10V RD10EB3		OB10102A	TR 2SA1320		OB24058A	RF 3 2W J	OB05641A	RK 47K 1/4W J	OB82419C	SP Out B Cord
	OB082493A	BT 3x6 @ Binding (1)		OB06233A	ZD 10V RD10EB3		OB06233A	ZD 10V RD10EB3		OB10102A	TR 2SA1320		OB24058A	RF 3 2W J	OB05641A	RK 47K 1/4W J	OB82420D	SP Out B Cord
	OE00857A	BT 3x6 @ Binding (1)		OB06233A	ZD 10V RD10EB3		OB06233A	ZD 10V RD10EB3		OB10102A	TR 2SA1320		OB24058A	RF 3 2W J	OB05641A	RK 47K 1/4W J	OB82480B	Input Cord
	OB01272A	CE 100μ 25V		OB082493A	BT 3x6 @ Binding (1)		OB06233A	ZD 10V RD10EB3		OB10102A	TR 2SA1320		OB24058A	RF 3 2W J	OB05641A	RK 47K 1/4W J	OE00754A	M3x8 @Pan
	OB082493A	BT 3x6 @ Binding (1)		OB06233A	ZD 10V RD10EB3		OB06233A	ZD 10V RD10EB3		OB10102A	TR 2SA1320		OB24058A	RF 3 2W J	OB05641A	RK 47K 1/4W J	OE00966A	M3x5 @Binding
	OB06233A	ZD 10V RD10EB3		OB06233A	ZD 10V RD10EB3		OB06233A	ZD 10V RD10EB3		OB10102A	TR 2SA1320		OB24058A	RF 3 2W J	OB05641A	RK 47K 1/4W J	OE08680B	Heat Sink A
	OB06233A	ZD 10V RD10EB3		OB06233A	ZD 10V RD10EB3		OB06233A	ZD 10V RD10EB3		OB10102A	TR 2SA1320		OB24058A	RF 3 2W J	OB05641A	RK 47K 1/4W J	OE00972A	Nut Hex. M3
	OB06233A	ZD 10V RD10EB3		OB06233A	ZD 10V RD10EB3		OB06233A	ZD 10V RD10EB3		OB10102A	TR 2SA1320		OB24058A	RF 3 2W J	OB05641A	RK 47K 1/4W J	OB90082A	TR Mica
	OB06233A	ZD 10V RD10EB3		OB06233A	ZD 10V RD10EB3		OB06233A	ZD 10V RD10EB3		OB10102A	TR 2SA1320		OB24058A	RF 3 2W J	OB05641A	RK 47K 1/4W J	OB90075B	P.C.B. Stand
	OB06233A	ZD 10V RD10EB3		OB06233A	ZD 10V RD10EB3		OB06233A	ZD 10V RD10EB3		OB10102A	TR 2SA1320		OB24058A	RF 3 2W J	OB05641A	RK 47K 1/4W J		

5.5. Amp. R P.C.B. Ass'y

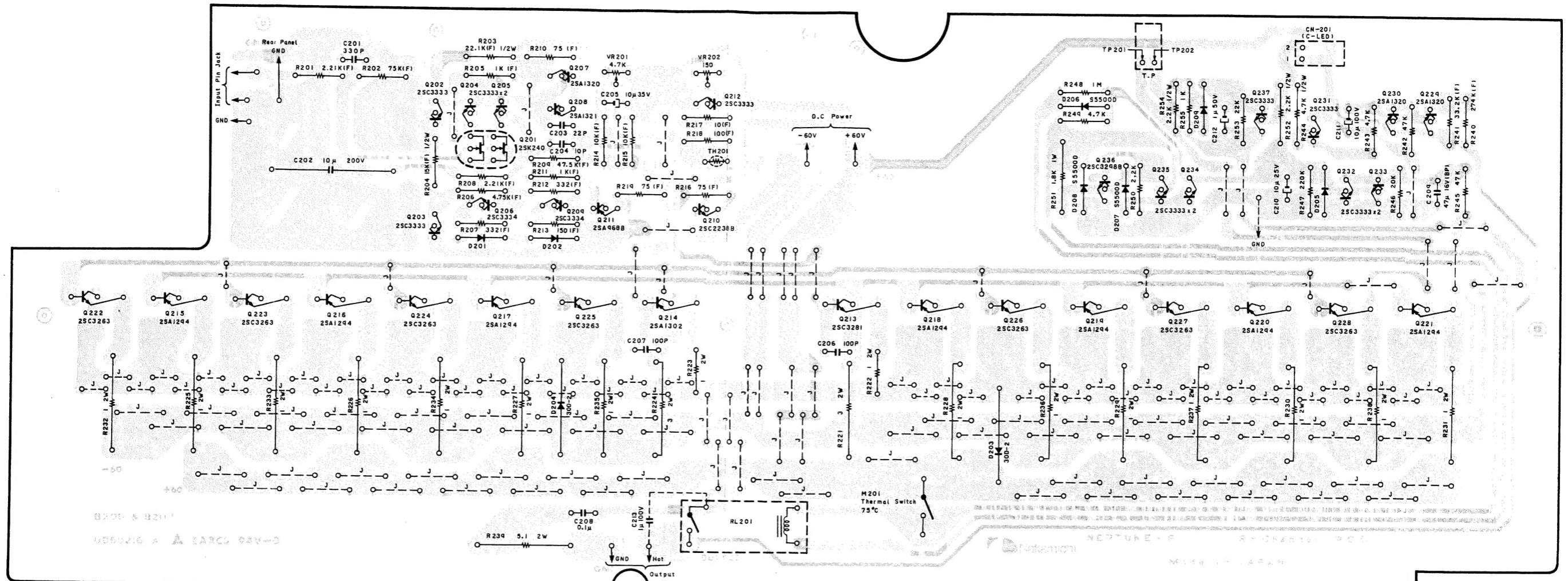


Fig. 5.5

Schematic Ref. No.	Part No.	Description	Schematic Ref. No.	Part No.	Description	Schematic Ref. No.	Part No.	Description	Schematic Ref. No.	Part No.	Description
Q201	BA05685B	Amp. R P.C.B. Ass'y	R205,211	OB09491A	RM 1K 1/4W F	C203	OB41539A	C 22P 50V J		BA05980A	Protector L P.C.B. Ass'y
Q202-205	OB60216A	Amp. R P.C.B.	R206	OB09424A	RM 4.75K 1/4W F	C204	OB41538A	C 10P 50V J		OB60308A	Protector L P.C.B.
212,231	OB06257A	FET 2SK240	R207,212	OB09760A	RM 332 1/4W F	C205	OB40336A	CE 10μ 35V		OB10102A	TR 2SA1320
232,233	OB10103A	TR 2SC3333 (11)	R209	OB22638A	RM 47.5K 1/4W F	C206,207	OB41540A	C 100P 100V J		OB06181A	SiD 1SS53
234,235			R210,216	OB22632A	RM 75 1/4W F	C208	OB41537A	CM 0.1μ 100V J		OB05615A	RK 22K 1/4W J
237			219			C209	OB40331A	CE 47μ 16V (BP)		OB01887A	RK 5.6K 1/4W J
Q206,209	OB10143A	TR 2SC3334	R213	OB22633A	RM 150 1/4W F	C210	OB01674A	CE 10μ 25V		OB05621A	RK 120K 1/4W J
Q207,229	OB10102A	TR 2SA1320	R214,215	OB09203A	RM 10K 1/4W F	C211	OB01330A	CE 10μ 100V		OB05508A	RK 56K 1/4W J
230			R217	OB22666A	RM 10 1/4W F	C212	OB01405A	CE 1μ 50V		OB05641A	RK 47K 1/4W J
Q208	OB10142A	TR 2SC1321	R218	OB22667A	RM 100 1/4W F	C213	OB41619A	CE 1μ 100V		OB40371A	CE 10μ 100V (BP)
Q210	OB10101A	TR 2SC2238B	R221,224	OB24058A	RF 3 2W J	TH201	OB19003A	Thermistor 102F			
Q211	OB10100A	TR 2SA968B	R222,223	OB24064A	RC 1 2W	M201	OB90084A	Thermal Switch 75°C			
Q213	OB10130A	TR 2SC3281	R225-238	OB24057A	RF 1 2W J	RL201	OB90083A	Relay 10A 250V AC			
Q214	OB10129A	TR 2SA1302					OB81366A	2P-S Post (2)			
Q215-221	OB10098A	TR 2SA1294 (7)	R239	OB24059A	RF 5.1 2W J		OB82412C	DC Cord (R) (1)			
Q222-228	OB10099A	TR 2SC3263 (7)	R240	OB09752A	RM 274K 1/4W F		OB82413C	DC Cord (BL) (1)			
Q236	OB10145A	TR 2SC3298B	R241	OB09446A	RM 33.2K 1/4W F		OB82414A	G-Prot. Cord (1)			
D201,202	OB06181A	SiD 1SS53	R242,245	OB05641A	RK 47K 1/4W J		OB82415C	G-Input Cord (1)			
205,209			R243,249	OB01846A	RK 4.7K 1/4W J		OB82419C	SP Out R Cord (1)			
D203,204	OB06458A	SiD 30D-2	R244	OB24062A	RF 4.7K 1/2W J		OB82420D	SP Out B Cord (1)			
D206,207	OB12252A	SiD S5500D	R246	OB09509A	RK 20K 1/4W J		OB82480B	Input Cord (1)			
208			R247	OB05625A	RK 220K 1/4W J		OE00754A	M3x8 @Pan (20)			
VR201	OB32043A	Semi-fixed VR 4.7K	R248	OB05776A	RK 1M 1/4W J		OE00966A	M3x5 @Binding (2)			
VR202	OB32052A	Semi-fixed VR 150	R250	OB05622A	RK 2.2K 1/4W J		OB08680B	Heat Sink A (2)			
R201,208	OB09547A	RM 2.21K 1/4W F	R251	OB24060A	RF 1.8K 1W J		OE00972A	Nut Hex. M3 (2)			
R202	OB09562A	RM 75K 1/4W F	R252	OB24073A	RF 2.2K 1/2W J		OB90082A	TR Mica (2)			
R203	OB22672A	RM 22.1K 1/2W F	R253	OB05615A	RK 22K 1/4W J		OB90075B	P.C.B. Stand (1)			
R204	OB22671A	RM 15K 1/2W F	R254	OB24073A	RF 2.2K 1/2W J						
			R255	OB01857A	RK 1K 1/4W J						
			C201	OB41541A	C 330P 100V J						
			C202	OB41536A	CM 10μ 200V K						

5.6. Protector L P.C.B. Ass'y

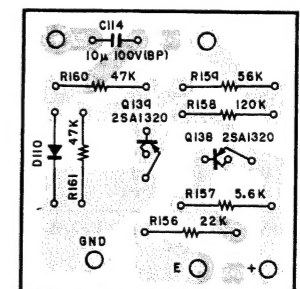
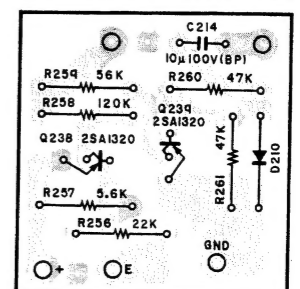
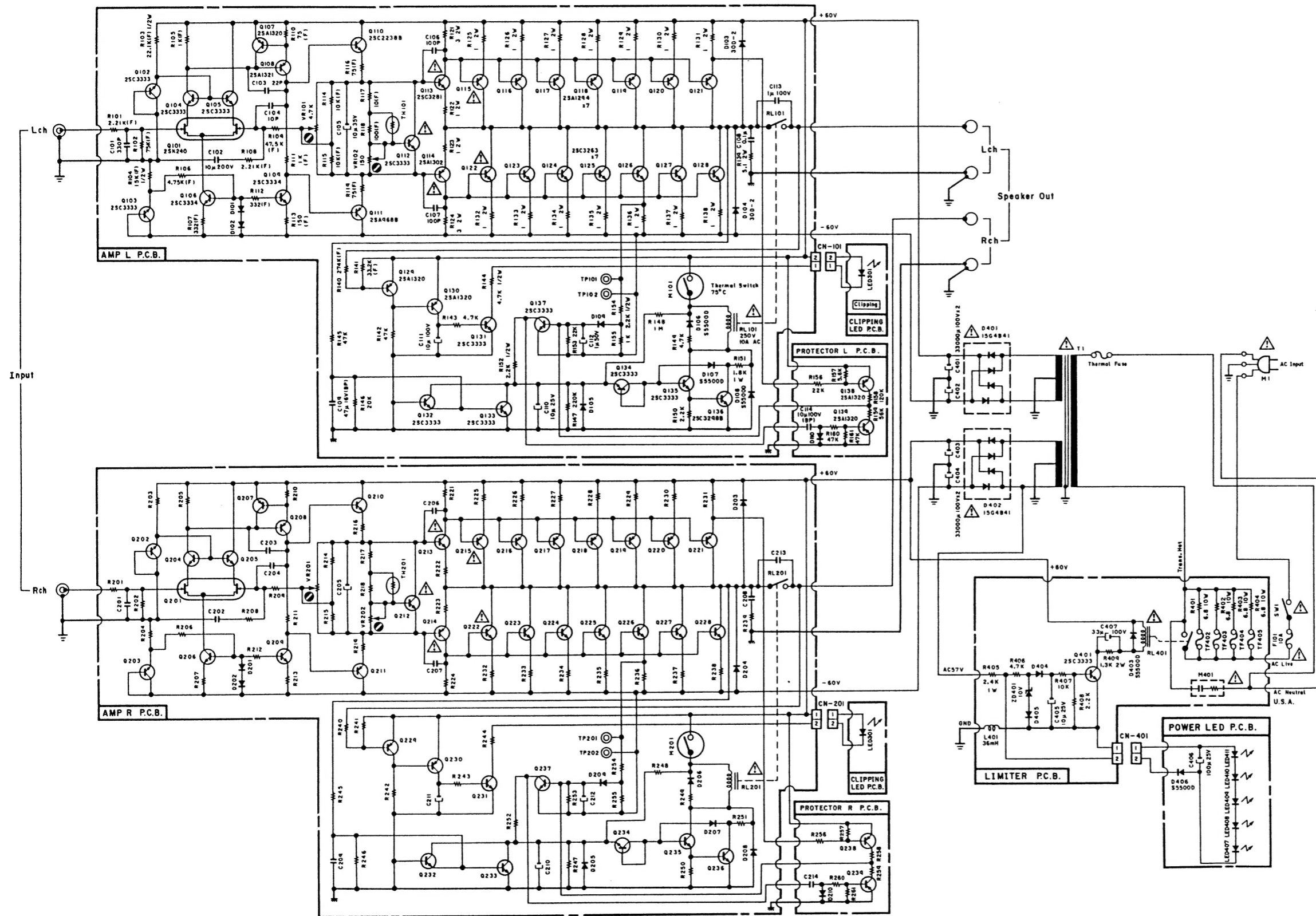


Fig. 5.6

5.7. Protector R P.C.B. Ass'y



6. SCHEMATIC DIAGRAM



Note: Diode is 1SS53, 1S1555, or 1SS176 unless otherwise specified.

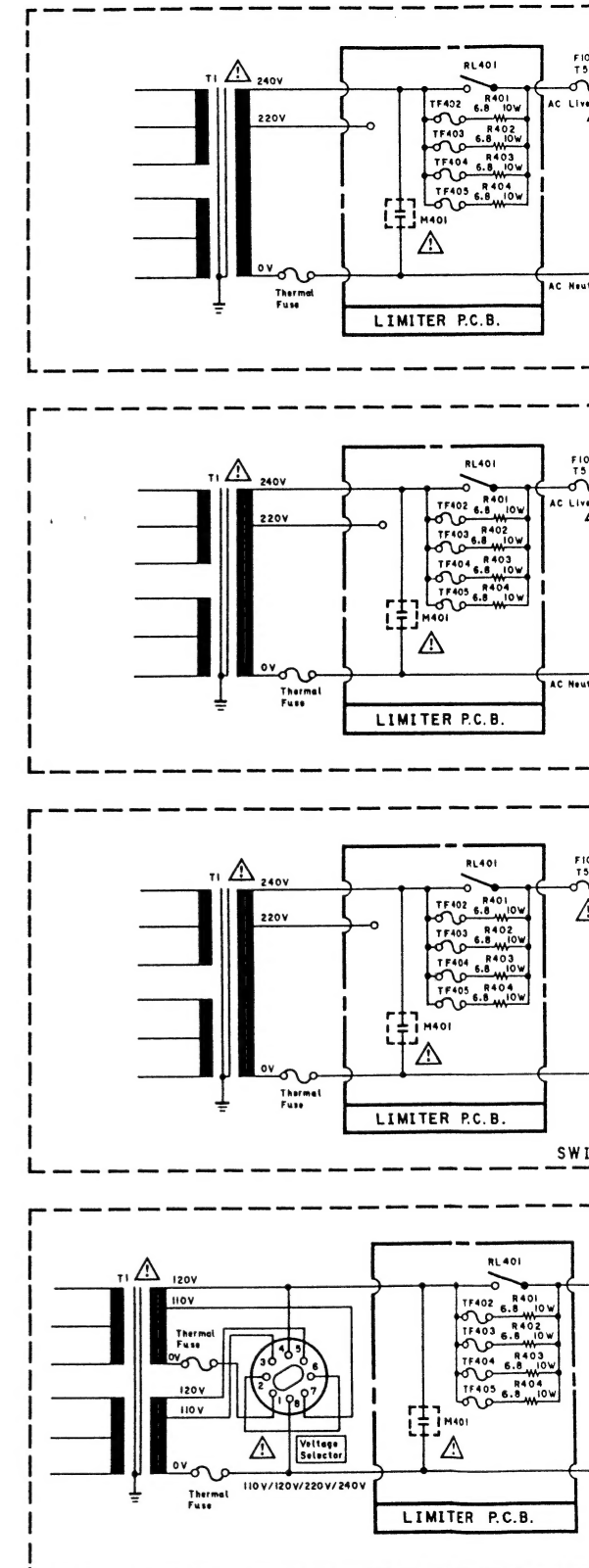


Fig. 6

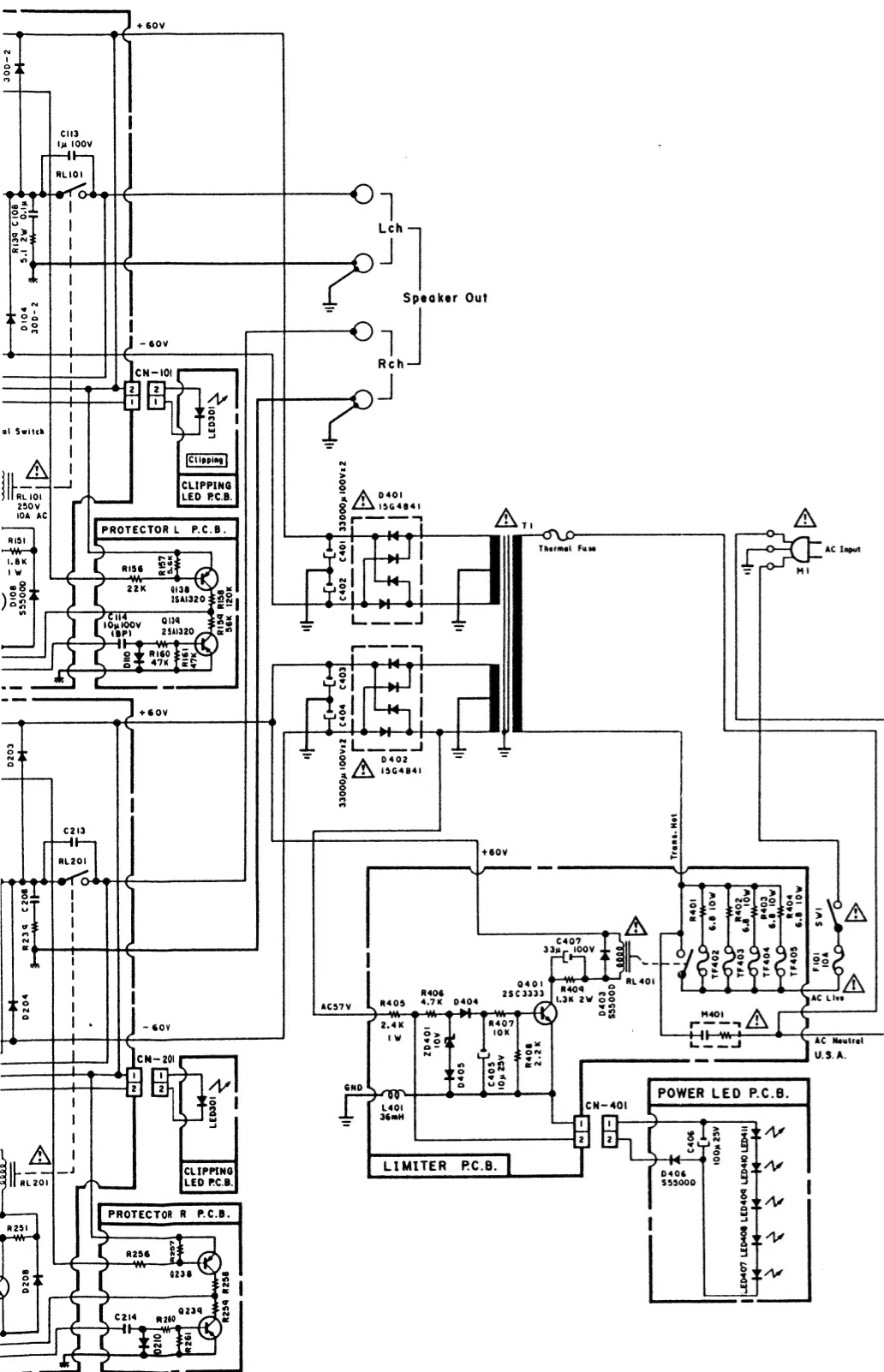
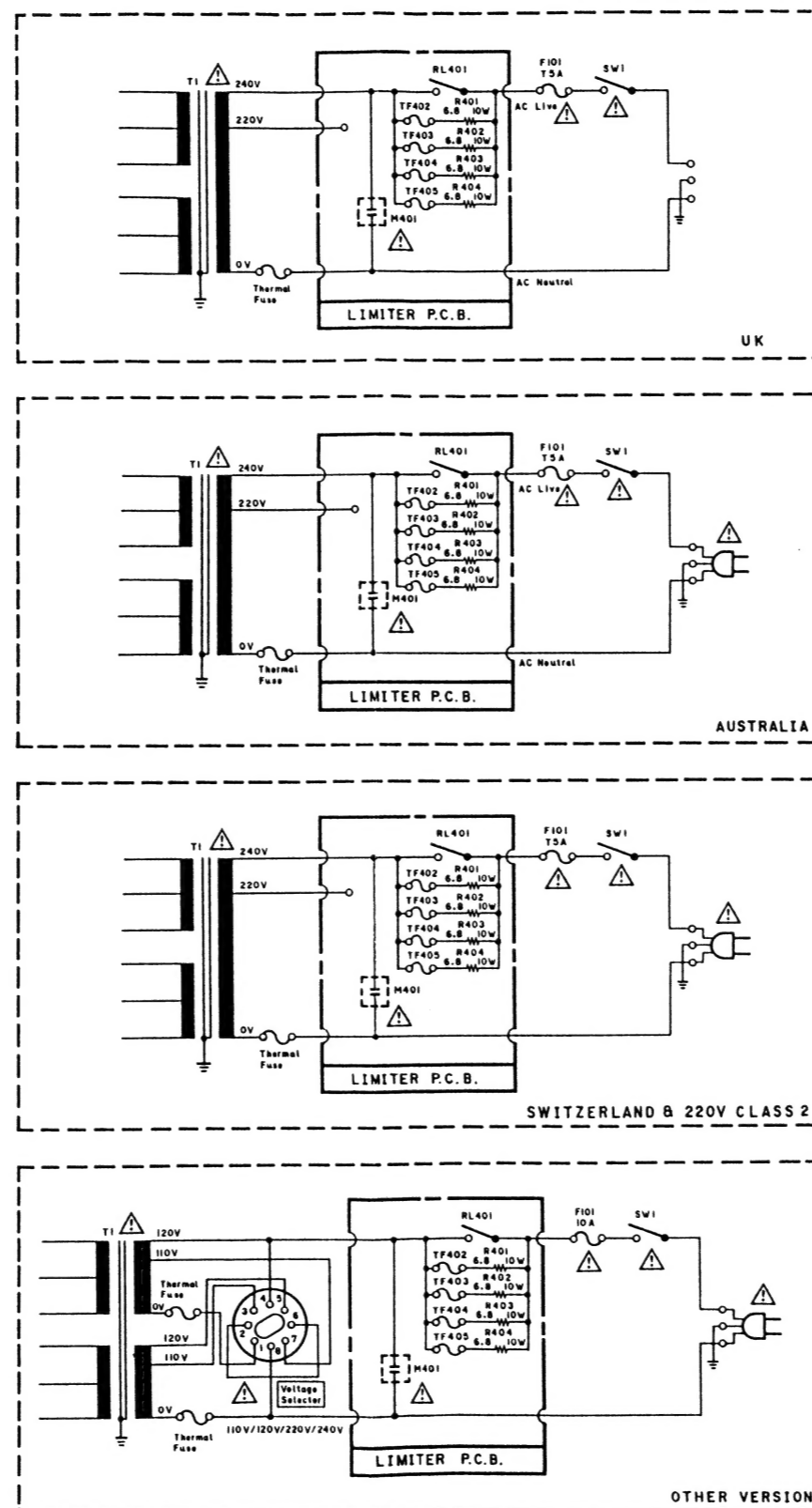



Fig. 6



WARNING:
Parts marked with the symbol  have critical characteristics.
Use **ONLY** replacement parts recommended by the manufacturer.
It is recommended that the unit be operated from a suitable DC supply or batteries during initial check-out procedures.

CAUTION:
Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamp, or if the resistance from chassis to either side of the power cord is less than 240 k ohms, the unit is defective.
WARNING — DO NOT return the unit to the customer until the problem is located and corrected.

7. WIRING DIAGRAM

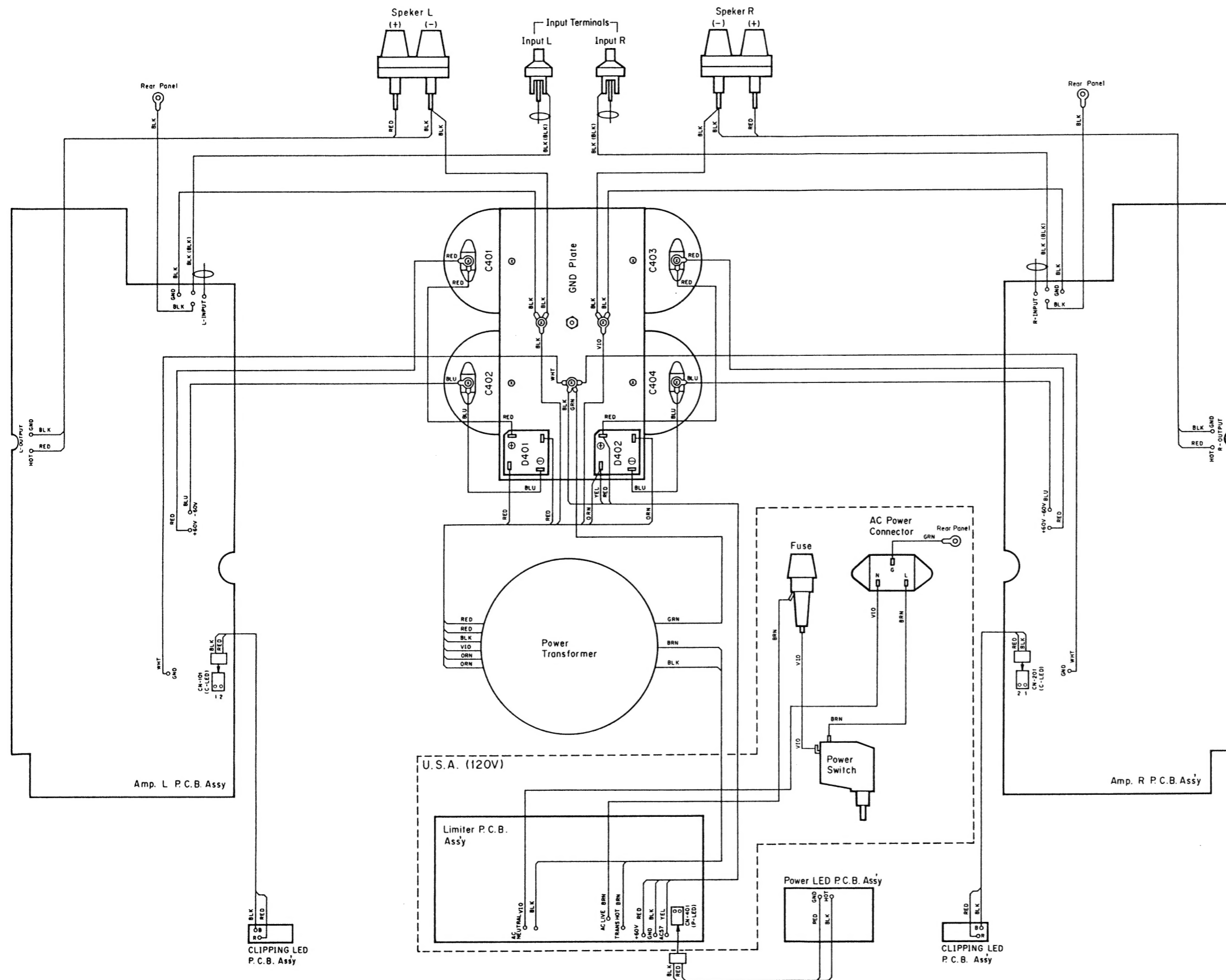
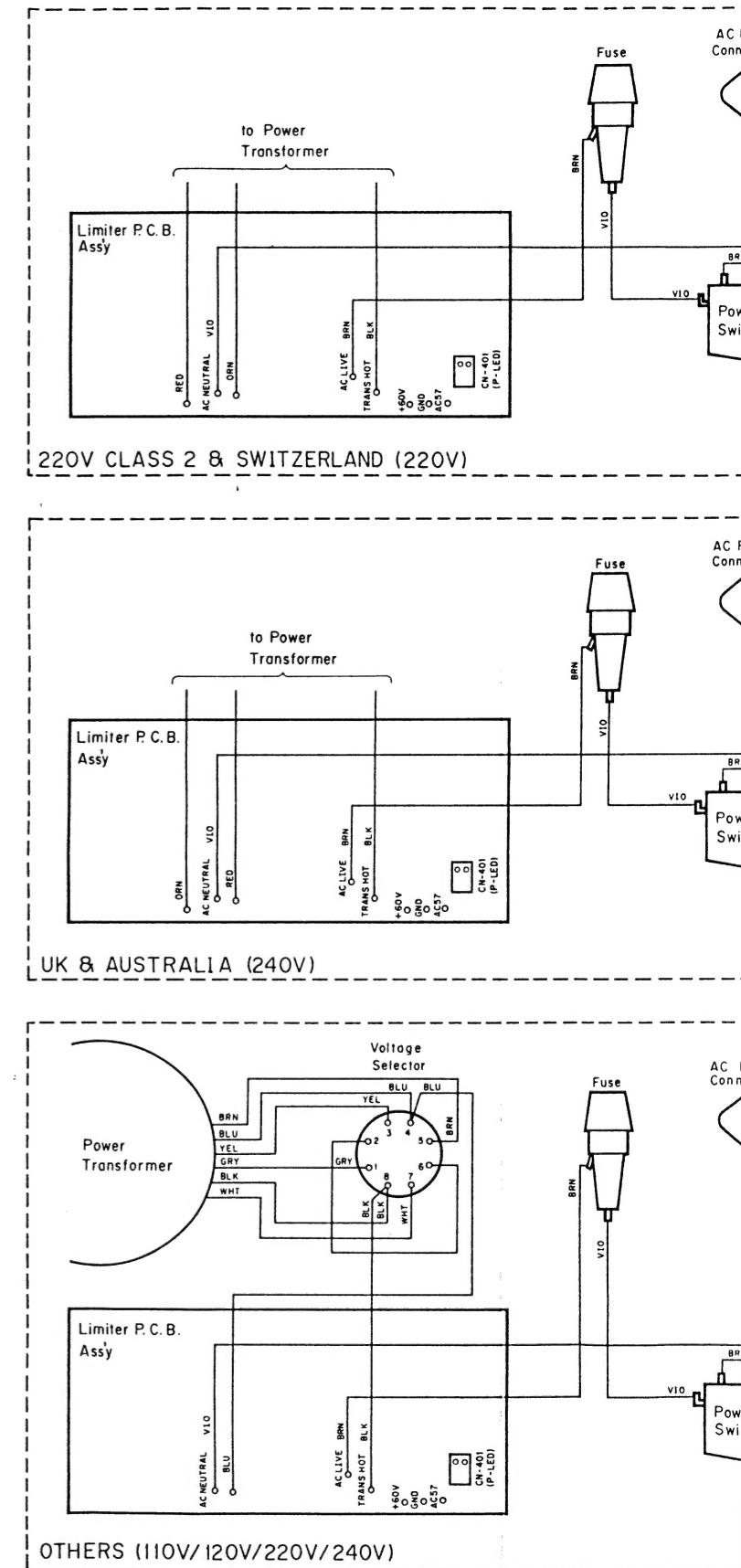


Fig. 7



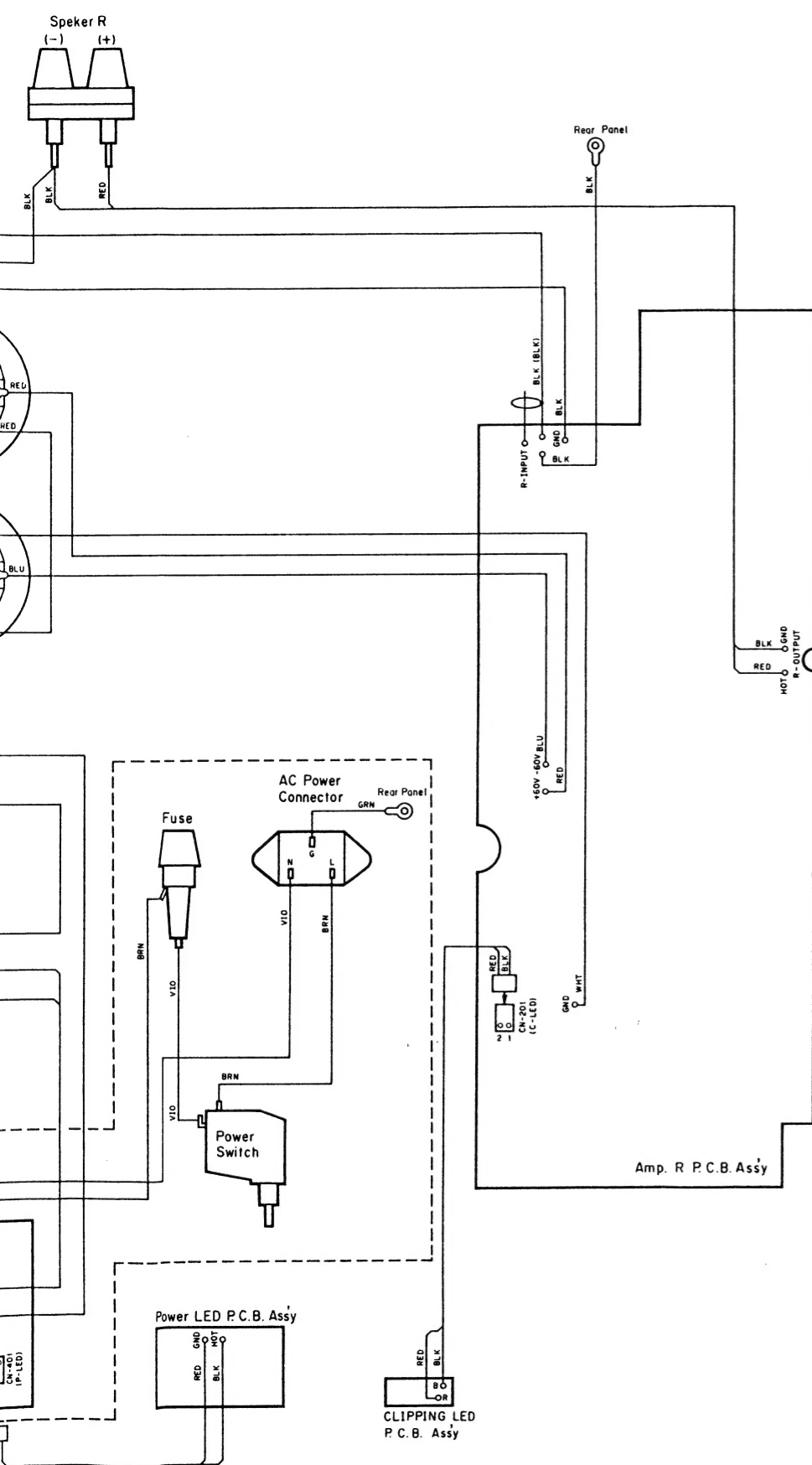
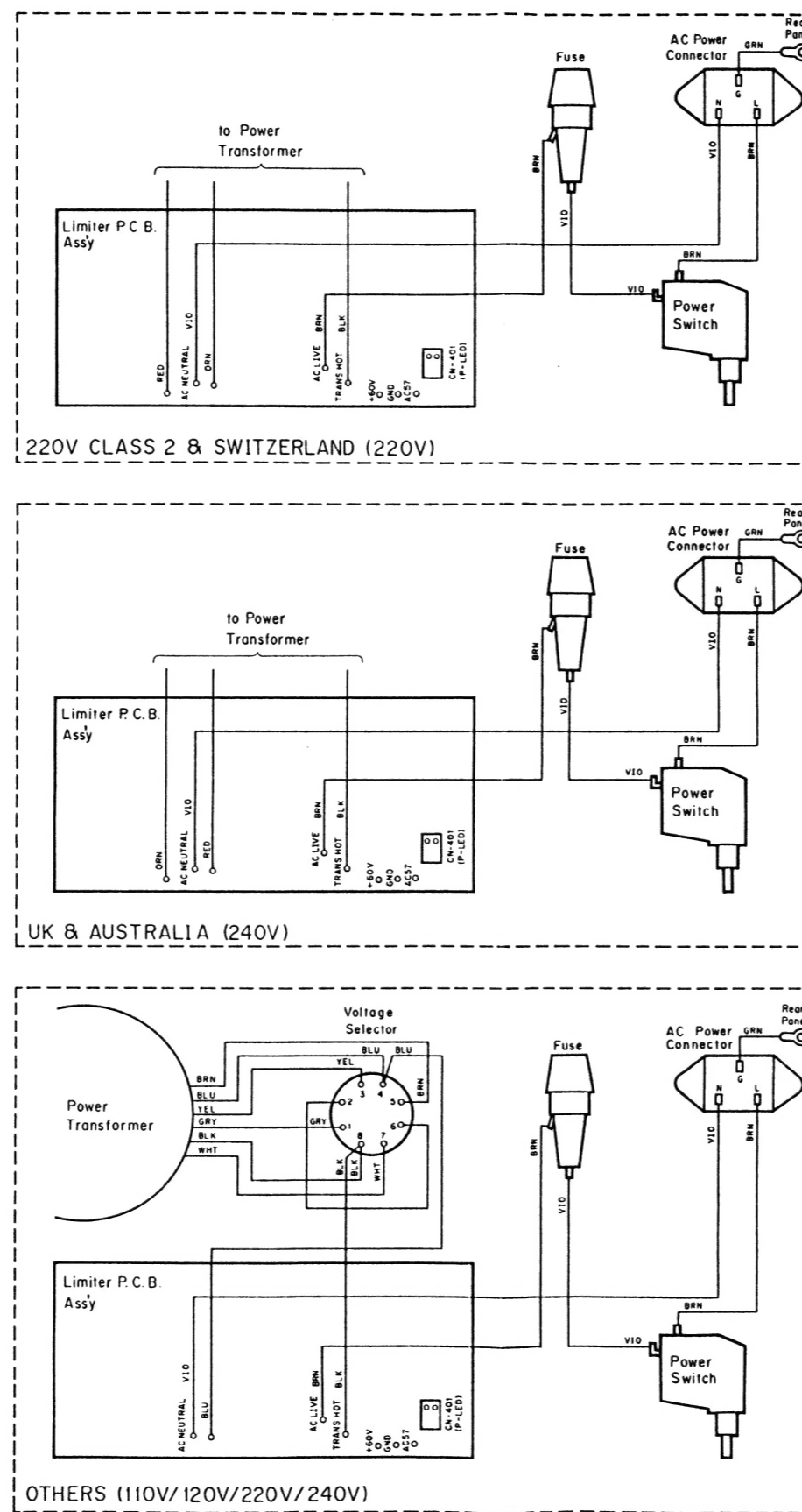


Fig. 7



8. BLOCK DIAGRAM

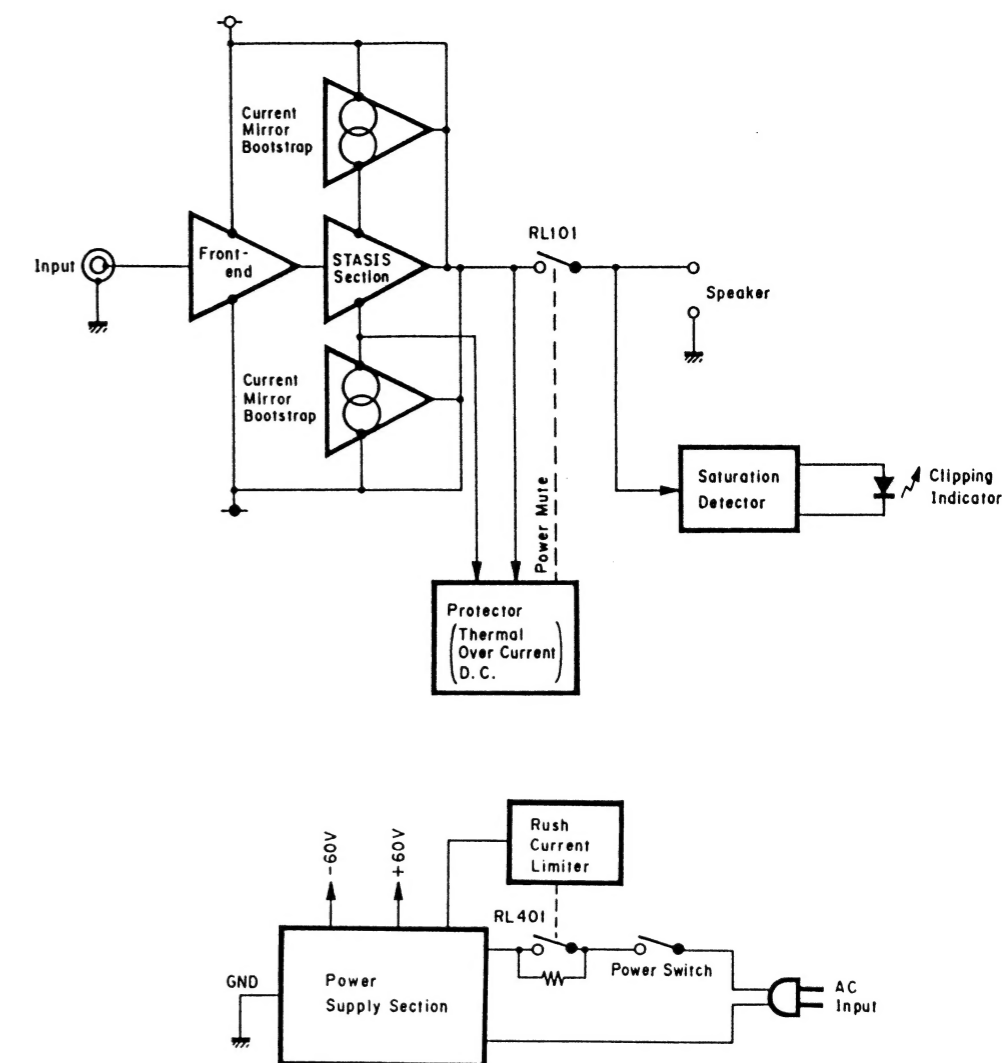


Fig. 8

- Notes: 1 Table of wire colors
- | | |
|--------------|--------------|
| BRN — Brown | BLU — Blue |
| RED — Red | VIO — Violet |
| ORN — Orange | GRY — Gray |
| YEL — Yellow | WHT — White |
| GRN — Green | BLK — Black |
2. Component side view of the P.C.B. is illustrated unless otherwise specified.
3. Wire tube color is shown in ().

9. SPECIFICATIONS

Continuous Average Power 200 W x 2 (8 ohms, both channels driven, 20—20,000 Hz, 0.1% THD)
 Output (NEW IHF)
 Dynamic Power per Channel . . . 300 W (8 ohms)
 Dynamic Head Room 1.7 dB (8 ohms)
 (New IHF)
 Power Bandwidth (Half 5 Hz — 50 kHz
 Rated Power, 0.1% THD)
 Damping Factor (NEW IHF) . . . Greater than 60/60/60
 20 Hz/1 kHz/20 kHz
 Input Sensitivity/Impedance . . . 2.0 V/75 k ohms (rated power)
 (New IHF) 140 mV (1 W output)
 Frequency Response 20—20,000 Hz +0, —0.5 dB
 (1 W, NEW IHF) 7—150,000 Hz +0, —3 dB
 Signal to Noise Ratio Better than 120 dB
 (Input Shorted, Rated Power,
 IHF-A-WTD)
 Residual Noise Level Less than 25 μ V
 (IHF-A-WTD)
 Total Harmonic Distortion . . . Less than 0.1%
 (Rated Power, 20—20,000 Hz)
 Intermodulation Distortion . . . Less than 0.1%
 (Rated Power, 60 Hz: 7 kHz,
 4:1)
 Stereo Separation 110/100/80 dB
 (Input Shorted)
 100 Hz/1 kHz/10 kHz
 Output Complement 16 transistors per channel
 Output Current Capability 14 A continuous, 50 A peak (per channel)
 Power Supply 700 W toroidal transformer,
 132,000 μ F total filter capacitance
 Power Source 120,220, 240, 110-120/220-240 V AC; 50/60 Hz
 (According to country of sale)
 Power Consumption 700 W max.
 Dimensions 435 (W) x 200 (H) x 421 (D) mm
 17-1/8 (W) x 7-7/8 (H) x 16-9/16 (D) inches
 Approximate Weight 27 kg; 59 lbs., 8 oz.

- Specifications and design are subject to change for further improvement without notice.
- STASIS manufactured under license from Threshold Corporation.
- STASIS is a trademark of Threshold Corporation.