NAD SERVICE MANUAL

IMPORTANT NOTICE:
THIS MANUAL SUPPLEMENTS THE NAD 2200 SERVICE MANUAL AND SHOULD BE USED FOR UNITS WITH SERIAL NOS. 6010010 ONWARD.

2200PE

POWER AMPLIFIER

Contents

SPECIFICATIONS

FEATURES

A. Control and Switch
1. AC Power switch : On-off . . . . . Push Type
2. Bridging switch : Normal-Bridging . . . . Slide Type with Locking plate
3. Soft Clipping : On-off . . . . . Slide Type

B. 1. Speaker terminal (L/R) : 4P army type binding post for banana plug
2. AC Line Cord : UL-1 type/A-Version U.S.A.
: BS type (without plug)/B-Version U.K.
: CEE2 type/C-Version Europe
: S type/B_1-Version Australia
3. Main Input (L/R) : RCA Type Pin Jack (2p)
4. Lab Input (L/R) : RCA Type Pin Jack (2p)

C. Chassis and Circuit
1. Display
Power (Green), Soft clipping (Yellow), Overload (Red), Protection (Red)

D. Output Load
Speaker Output : 8 ohm/4 ohm

E. Maximum Power Consumption : 770W

F. AC Power Supply : 120V 60Hz/A-Version U.S.A.
: 240V 50Hz/B-Version U.K.
: 220V 50Hz/C-Version Europe
: 240V 50Hz/B_1-Version Australia

G. Netweight and Dimension (Approx.)
1. Netweight : 12.5 Kg
2. Dimensions : W=420 H=129 D=385 (mm)

ELECTRICAL SPECIFICATION

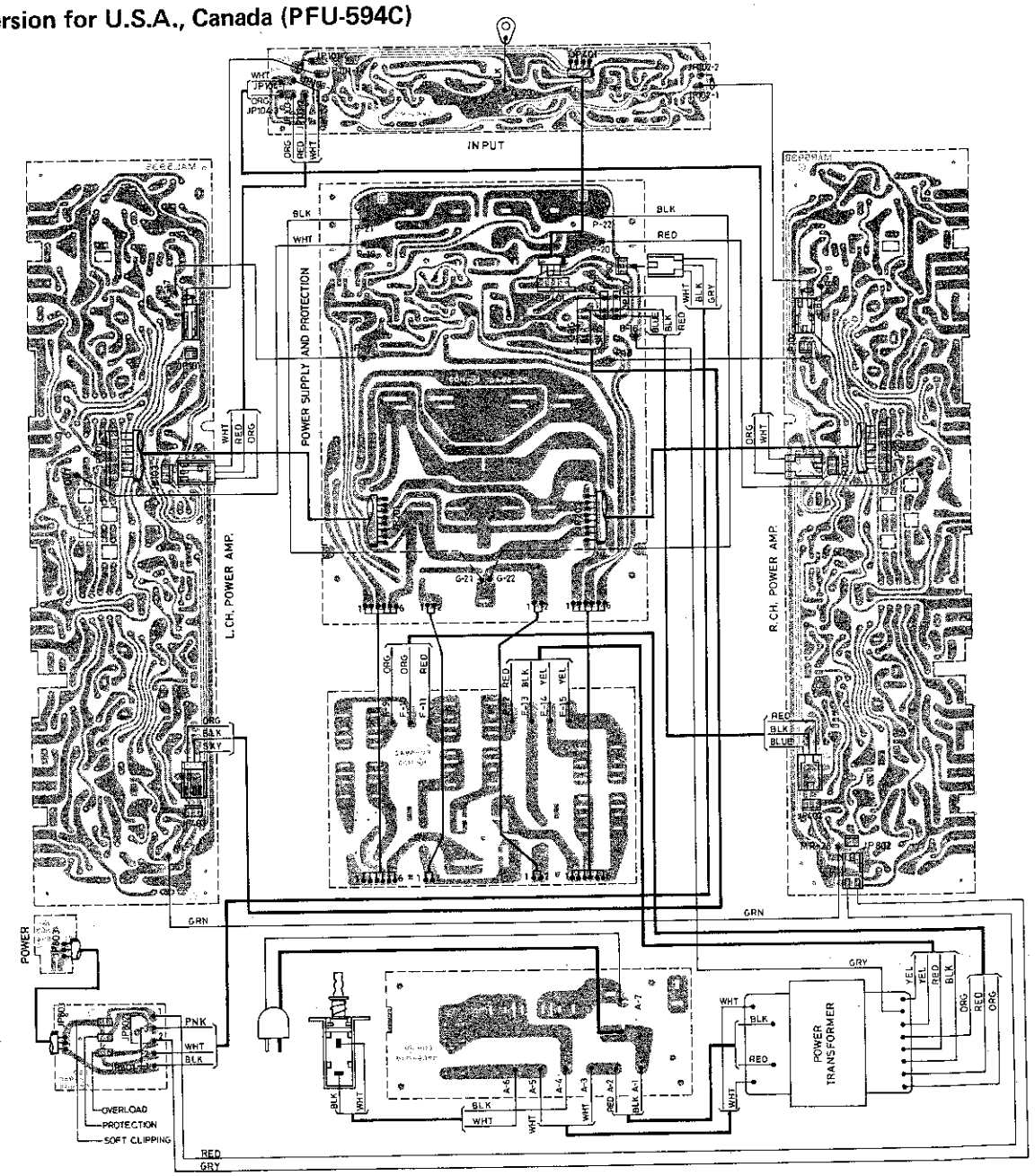
		Nominal	Limit	Unit
1. Sensitivity Input : 1000Hz Output : 100W		0.775	±1.5dB	(V)
2. Channel difference			less than 1	(dB)
3. Output power Input : Main in Output : 0.04% THD 20-20000Hz continuous both CH. Driven			More than 100	(W)
4. Clipping Power Input : Main in Output : 1% THD 1 KHz continous Both CH. Driven	8 ohm load	140	125	(W)
	4 ohm load	200	180	(W)
5. Dynamic Power Input : Main in Output : Clipping point 1 KHz 20ms IHF dynamic wave Both CH. Driven	8 ohm	400	350	(W)
	4 ohm	500	440	(W)
6. IM Distortion Input : Main in 60Hz: 7000Hz=4:1 Output : From 250mW—100W Both CH.Driven	8 ohm load		less than 0.04	(%)
7. THD Input : Main in Output : 20—20000Hz, from 250mW—100W Both CH. Driven	8 ohm load		less than 0.04	(%)
8. Frequency response Input : LAB in Output : 10W 20—20000Hz			±0.5dB	
Input : Nor in	at 14 Hz	—3	—3±1.5	(dB)
Output : 10W 600 Ohm/Ch drive, Both 12dB/Octave	at 45KHz	—3	—3±1.5	(dB)

		Nominal	Limit	Unit
9. Damping factor at 50Hz, 8 ohm Load		120	100	
10. Slew Rate		25	23	(V/u.Sec.)
11. Signal to noise ratio Input shorted Normal input Ref. Rated power IHF-A weighted		110	105	(dB)
12. Residual noise	unweighted	0.3	0.5	(mV)
	weighted	0.1	0.2	
13. Input impedance			More than 20	(Kohm)
14. Crosstalk Between the channels of stereo equipment Input : Normal (shorted) 8 ohm load				
1000 Hz		80	76	(dB)
20000Hz		63	56	(dB)
15. Soft clip level (100W) (When switched in just at onset of clipping)				
	4 ohm	—0.5	—0.5±0.4	(dB)
	8 ohm	—0.5	—0.5±0.4	(dB)
16. Peak short term (1 msec) O/P current		50	45	(A)

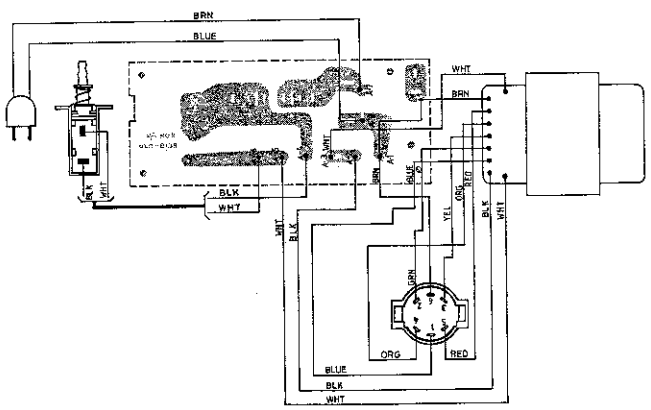
*Unless otherwise specified procedure shall be made in accordance with IHF-A202.

WIRING DIAGRAM (Component side)

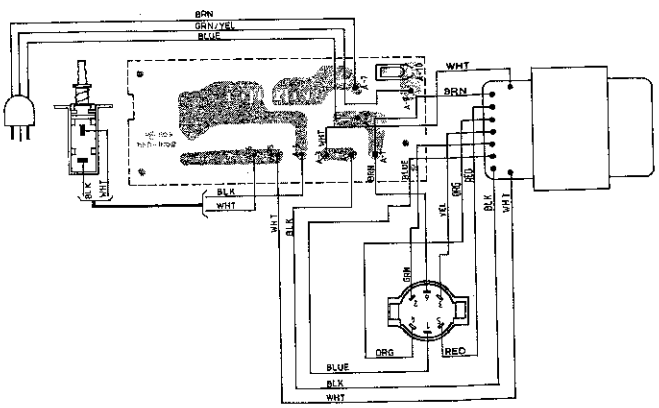
A, A_1 -Version for U.S.A., Canada (PFU-594C)



B, C, C_1 , -Version for U.K., Scandinavia, W.Germany (PFU-610B)

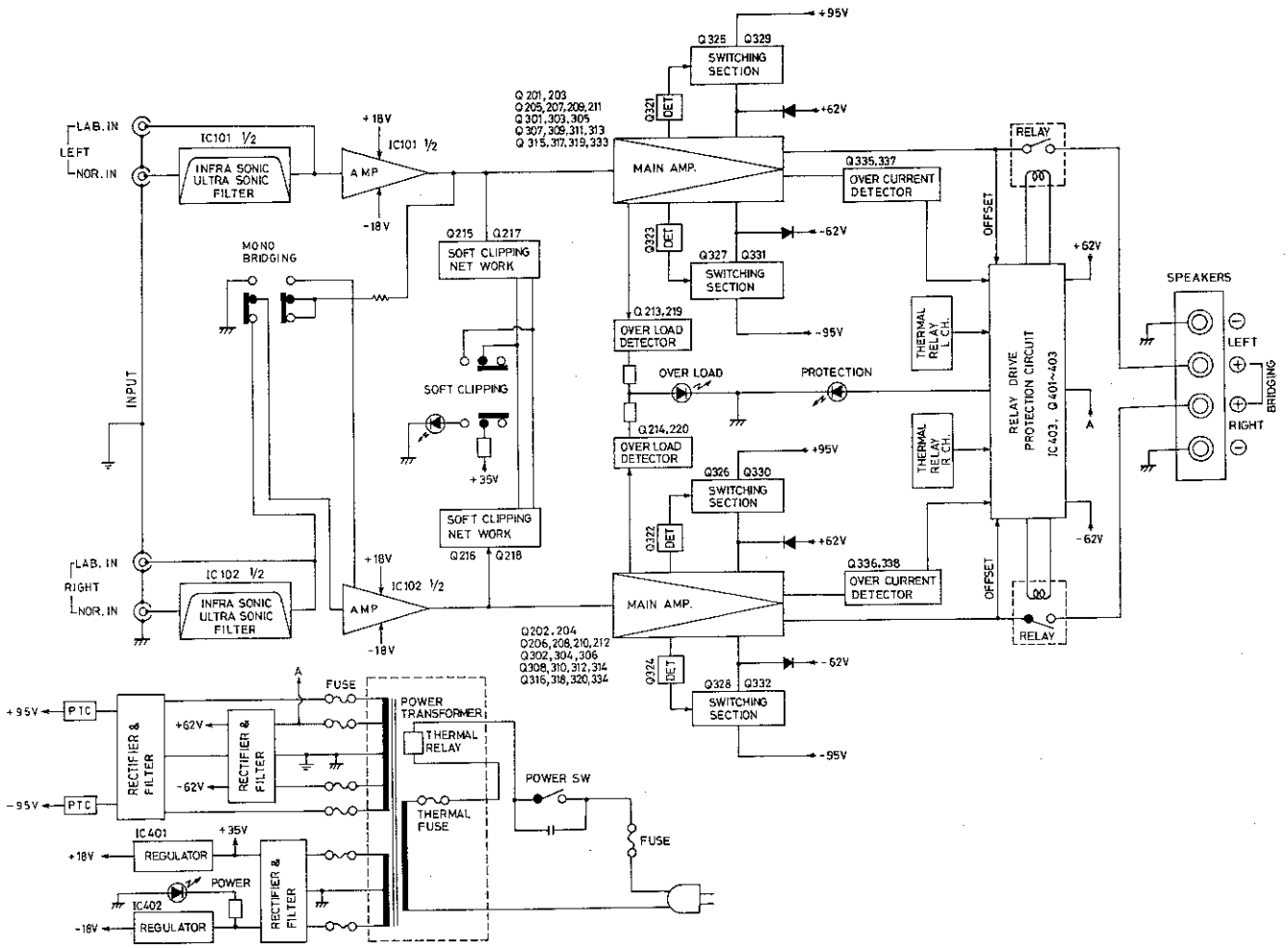


B_1 -Version for Australia/N.Z. (PFU-610B)

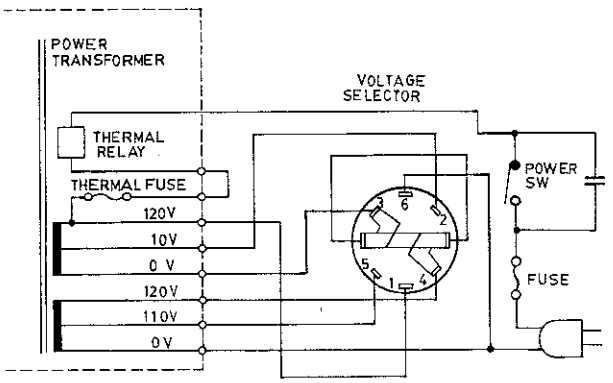


BLOCK DIAGRAM

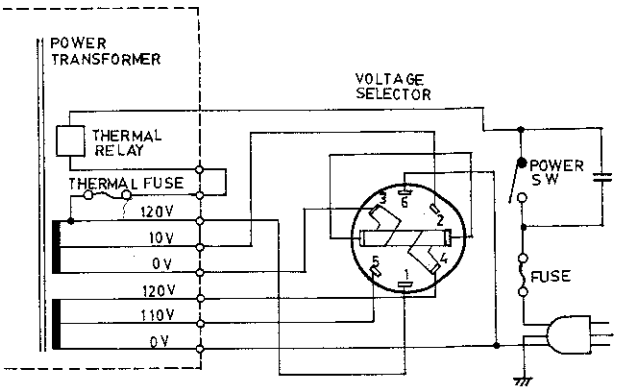
A, A_1 -Version for U.S.A., Canada (PFU-594C)



B, C, C_1 -Version for U.K., Scandinavia, W.Germany (PFU-610B)

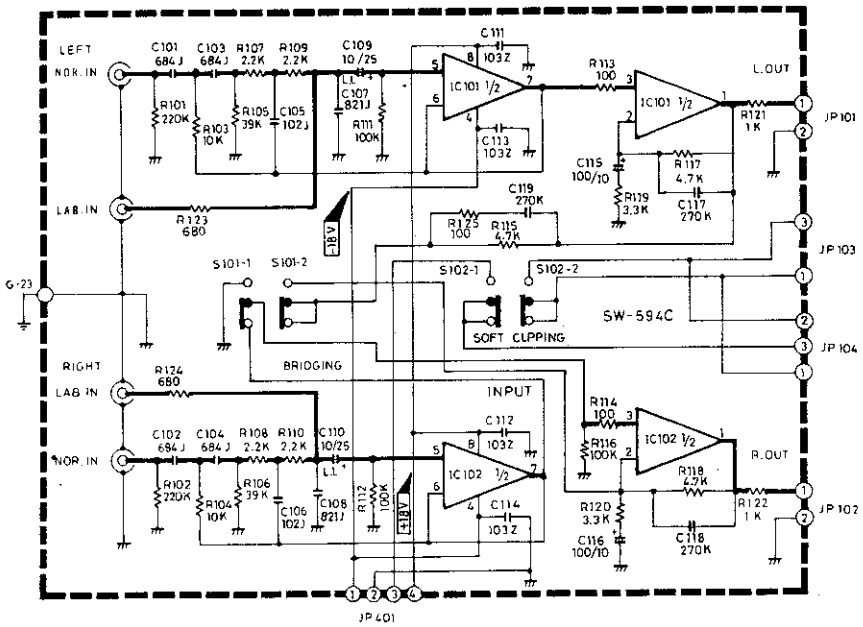


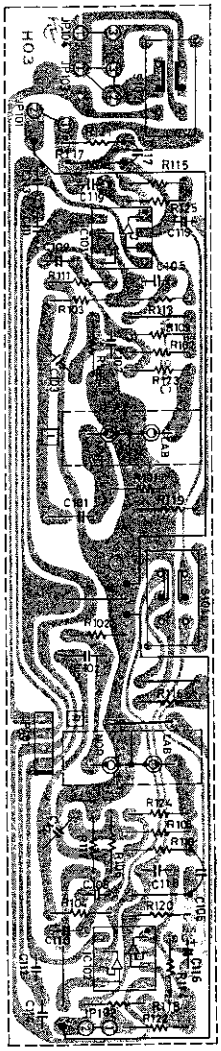
B_1 -Version for Australia/N.Z. (PFU-610B)



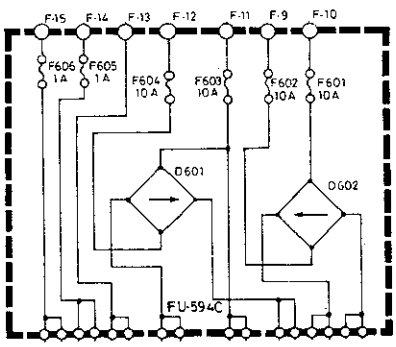
SCHEMATIC AND PCB LAYOUT (Foil side)

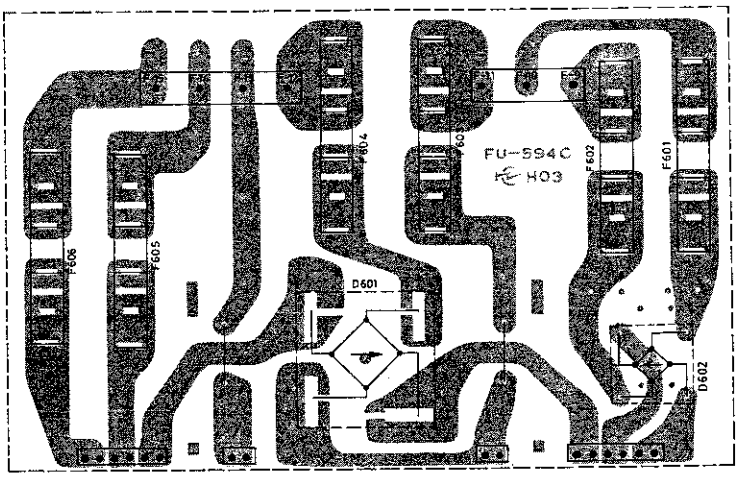
Input Circuit (SW-594C or SW-610B)



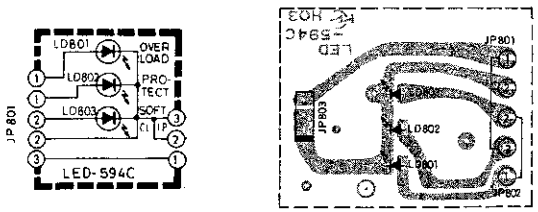


Fuse Circuit (FU-594C or FU-610B)

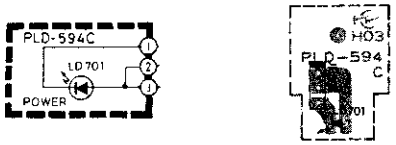




Indicators Circuit (LED-594C or LED-610B)

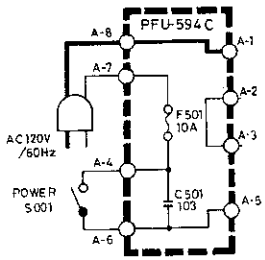


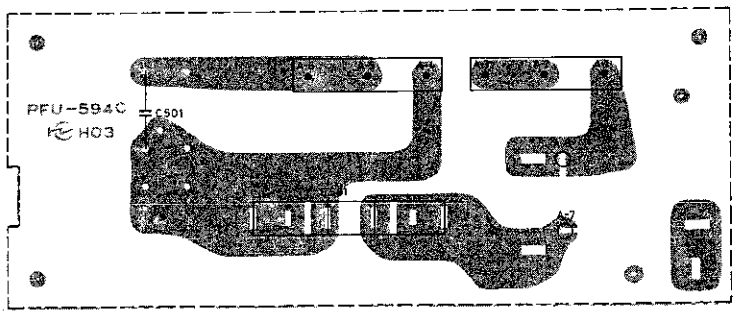
Power Indicator Circuit PLD-594C or PLD-610B)



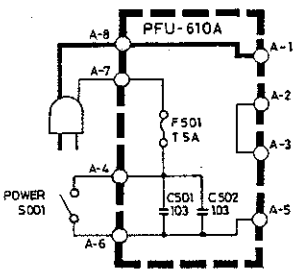
Primary Fuse Circuit

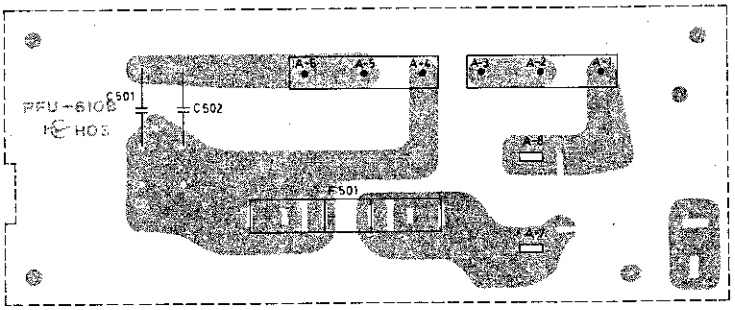
A, A_1 -Version for U.S.A., Canada (PFU-594C)



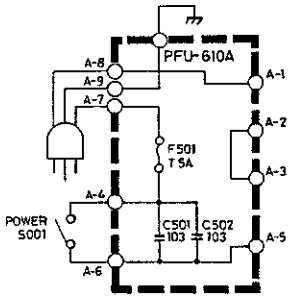


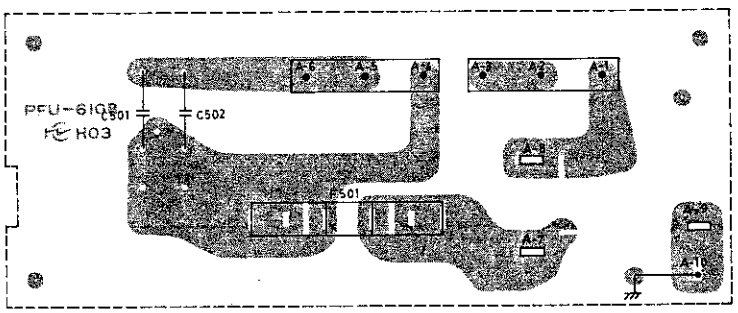
B, C, C_1 , -Version for U.K., Scandinavia, W.Germany (PFU-610B)





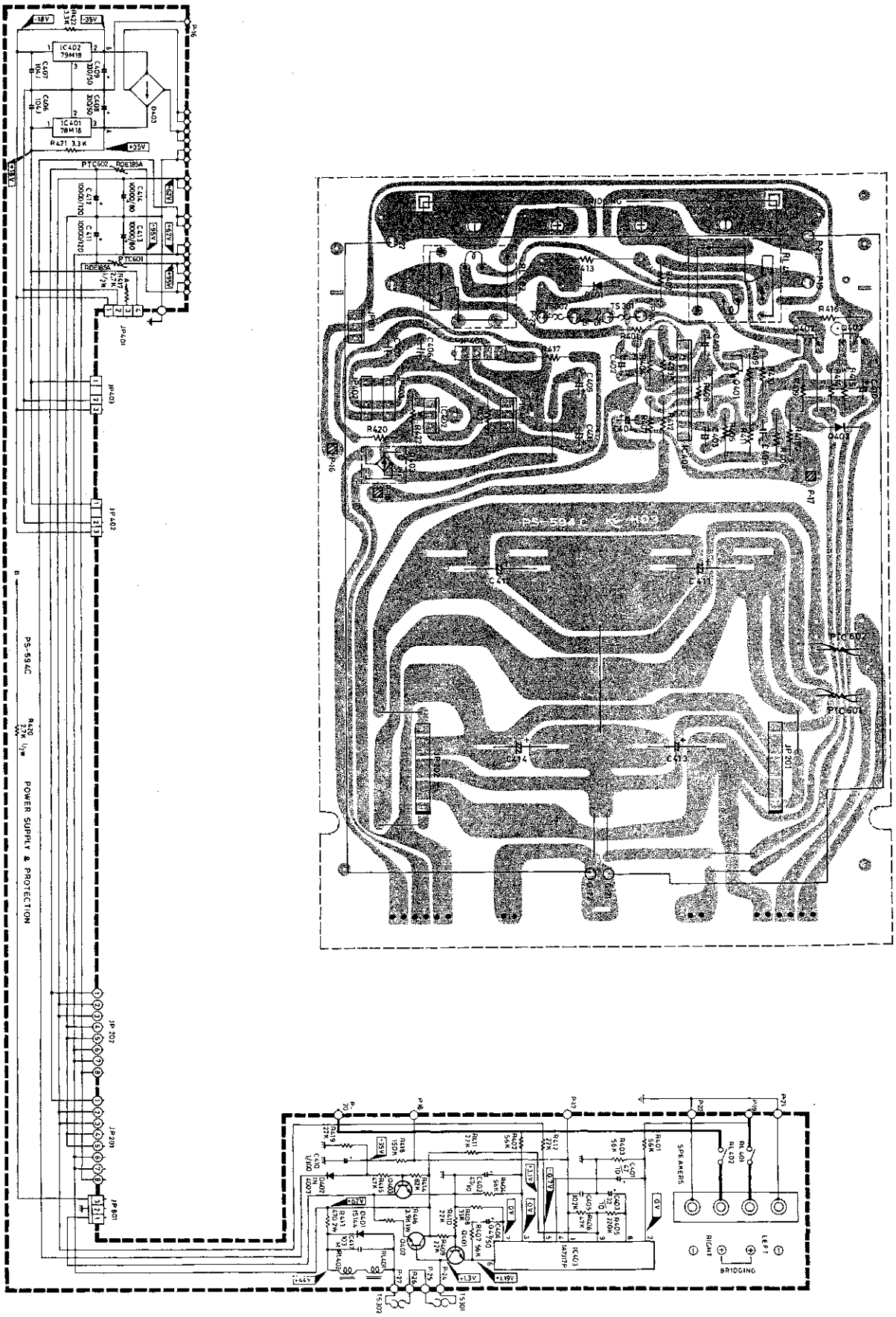
B_1 -Version for Australia/N.Z. PFU-610B)



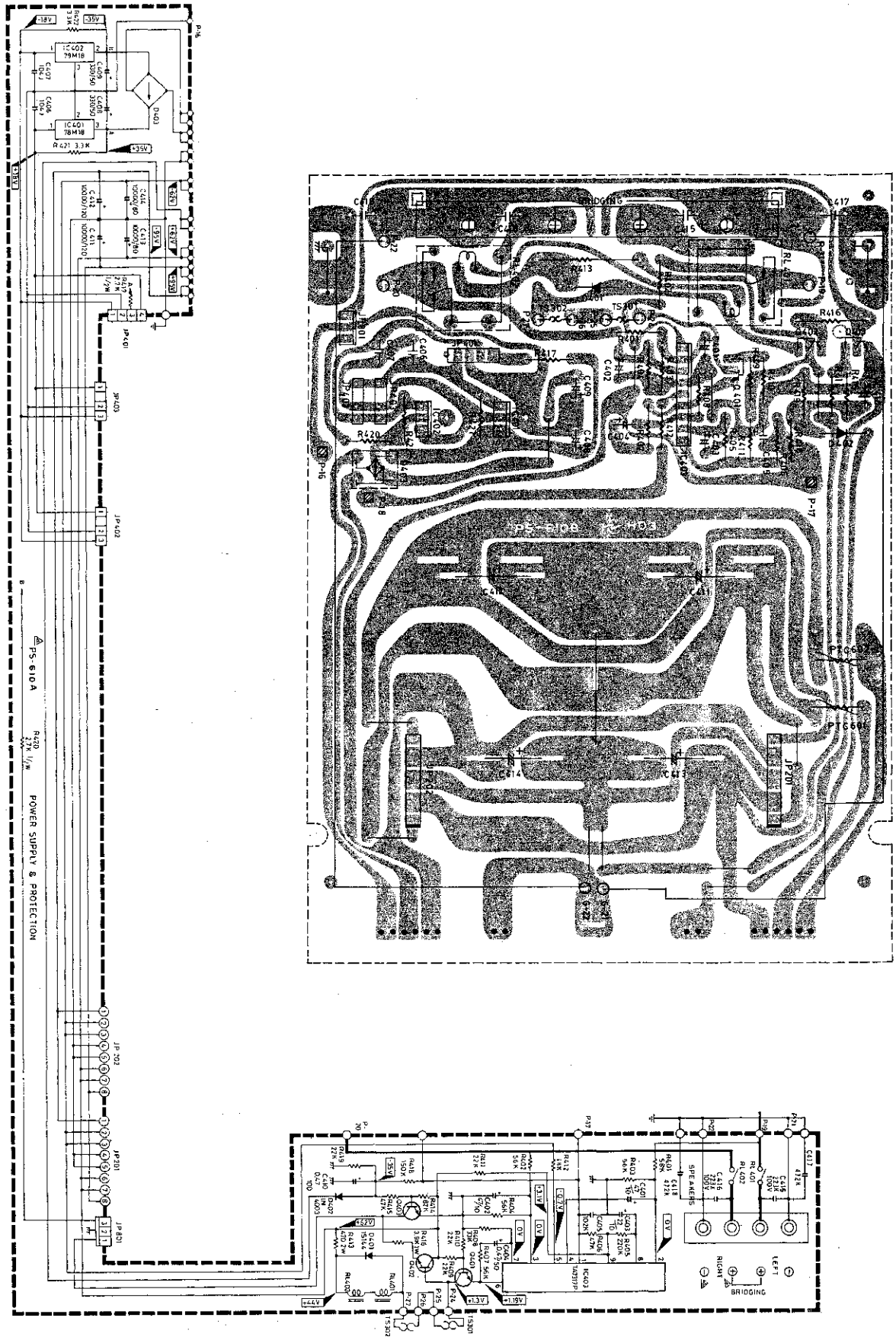


Power Supply Protection Circuit

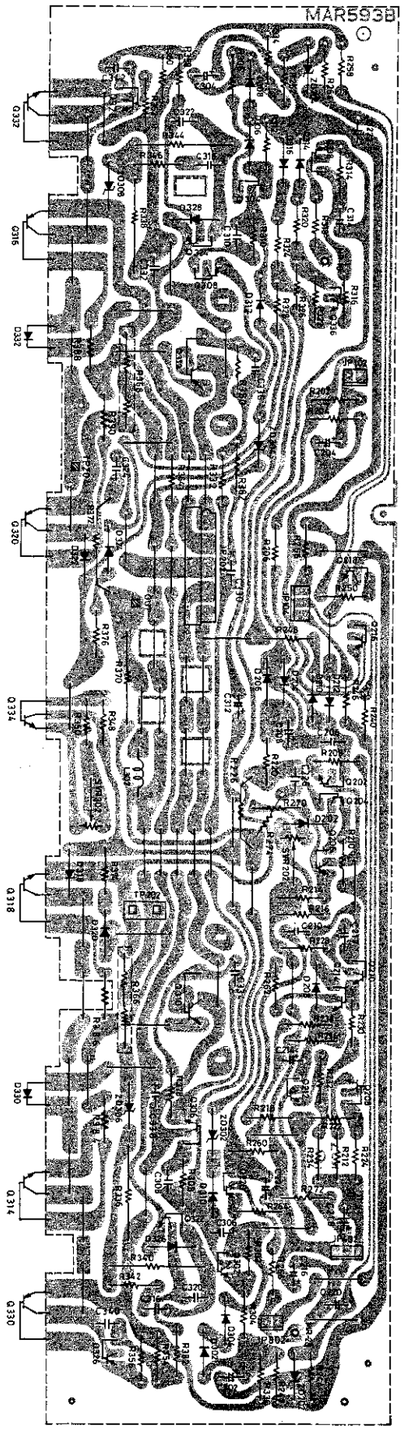
A, A_1, B, B_1, C-Version for U.S.A., Canada, U.K., Australia/N.Z., Scandinavia (PS-594C or PS-610B)



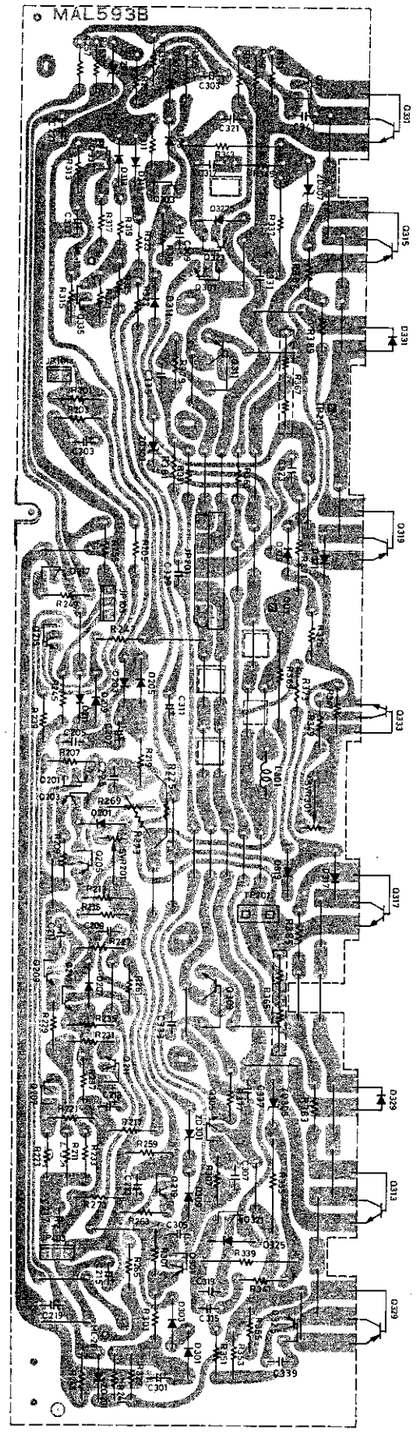
C_1 -Version for W.Germany (PS-610B)

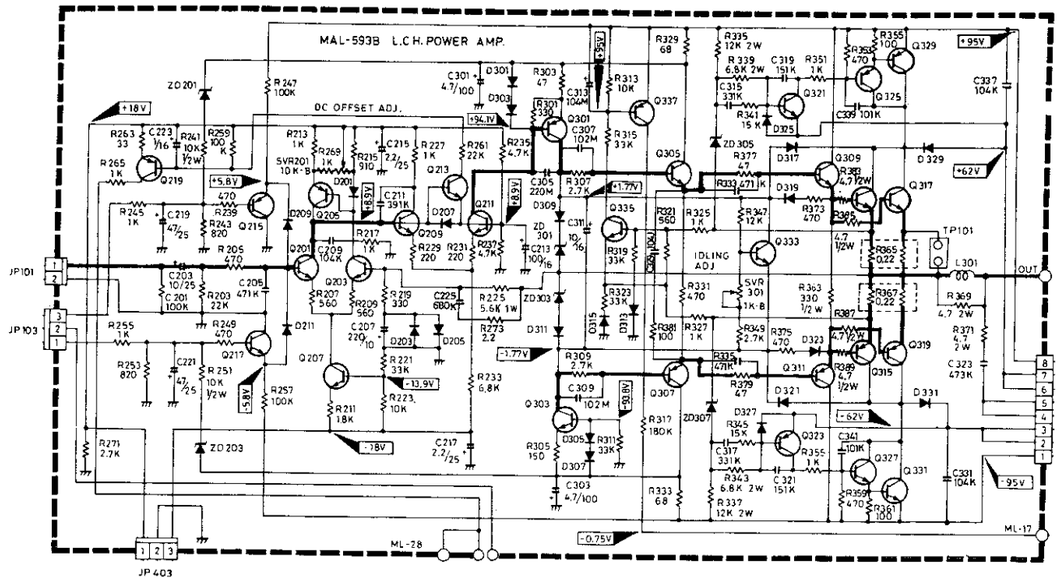


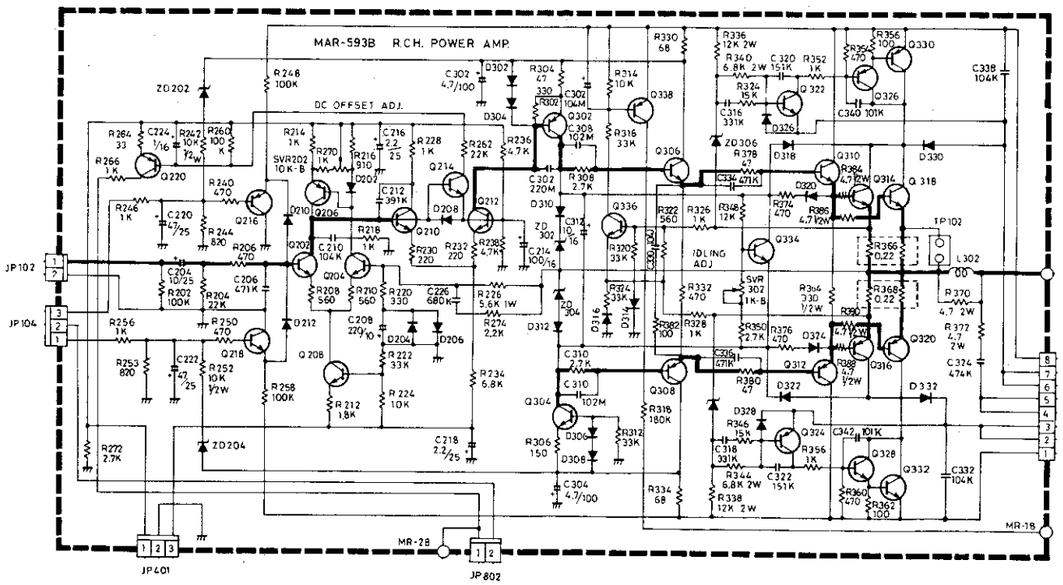
R ch Power Amp Circuit (MAR-593B)



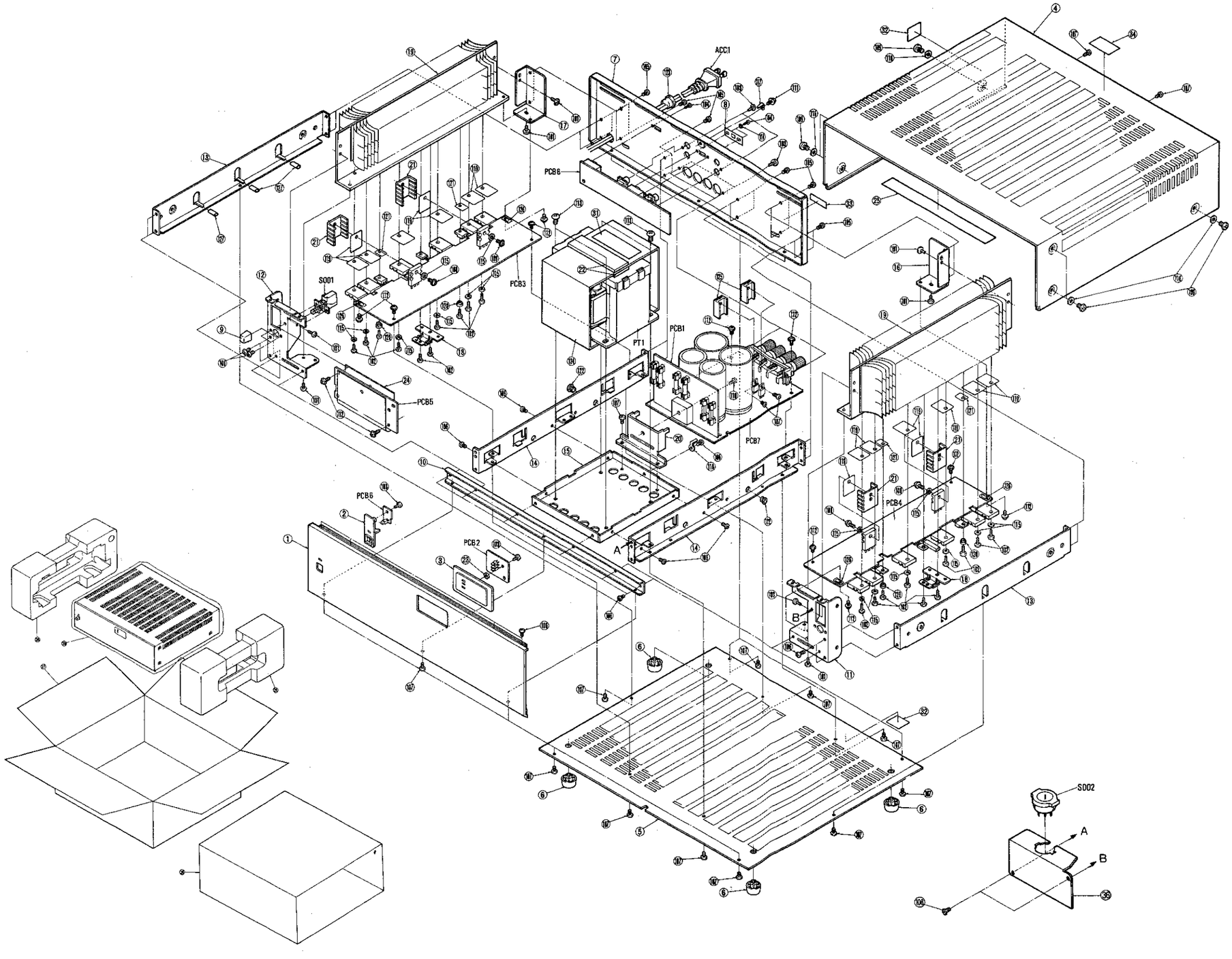
L ch Power Amp Circuit (MAL-593B)





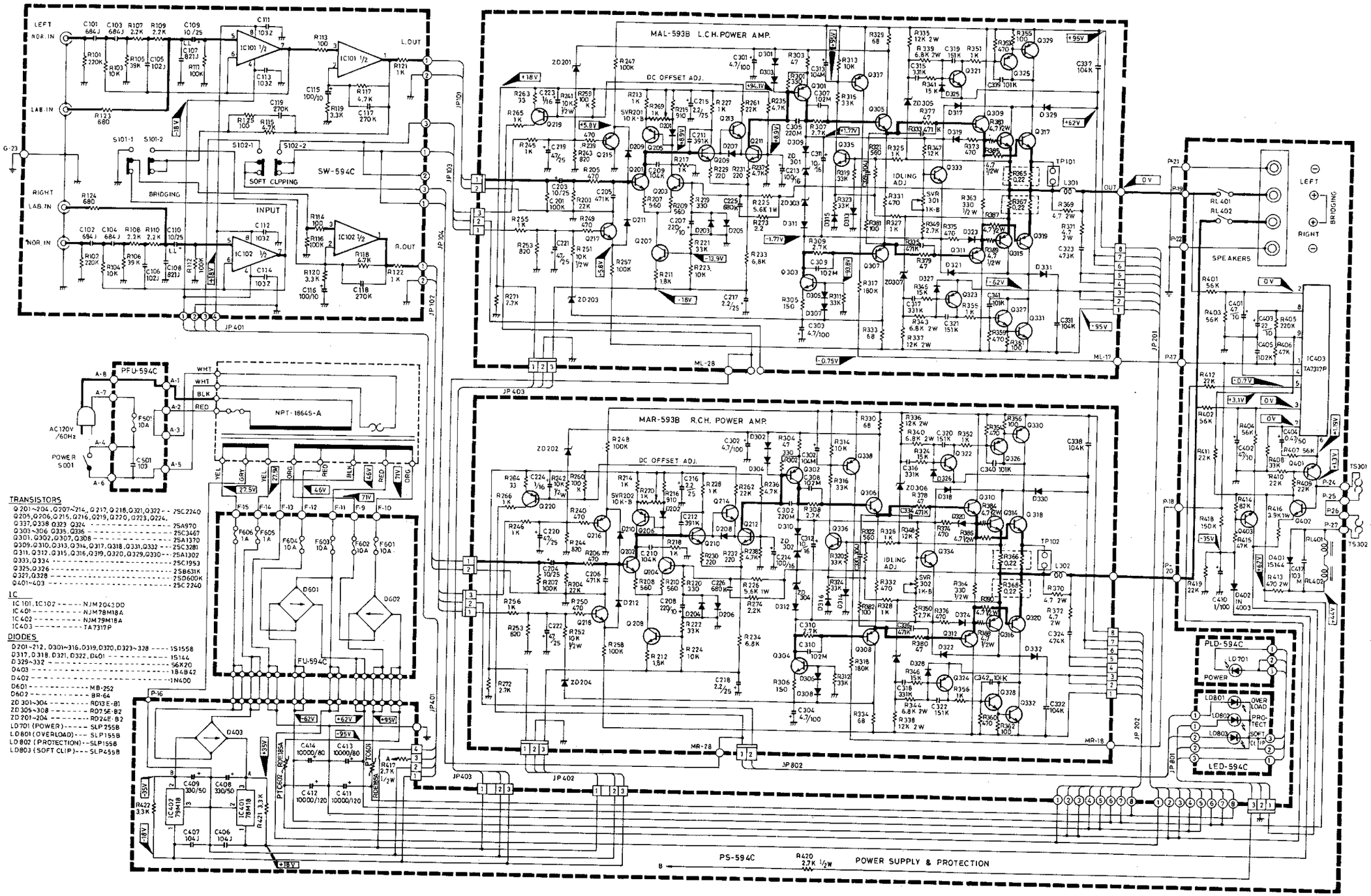


EXPLODED VIEW AND PARTS LIST



Ref. No.	Parts No.	Description
1	N21235-1	Front Panel
2	N30815	Button Guide
3	62-3470-1-0	Indicator Panel
4	N21237	Cabinet
5	N21239	Bottom Board
6	2299-1	Foot
7	N21238-1A	Rear Panel [A]
7	N21238-3A	Rear Panel [B, B_1]
7	N21238-2B	Rear Panel [C]
8	N44236	Lock Plate
9	62-1105-1-0	Push Button
10	N30813	Front Sub Chassis
11	N44230	Front Sub Chassis R
12	N44231	Front Sub Chassis L
13	N30814	Side Chassis
14	N30812	Center Chassis
15	N30811	Support Chassis (P.T.)
16	N44232	Fittings R (Heat Sink)
17	N44233	Fittings L (Heat Sink)
18	N44235	Fittings (Thermal Relay)
19	N21240	Heat Sink
20	N44234	Heat Sink
21	SH-1230-1	Heat Sink
22	N44360	Cushion (P.T.)
23	N41946A	Washer
24	N44336	Shield Cover
25	N44295	Cabinet Mat
26	N30841	Shippings Sleeve
27	N21287	Shippings Carton
28	N21242	Packing Pad
29	N41318	Polyethylene Bag (Unit)
30	N40487	Polyethylene Bag (Accessories)
31	N41939	Label, Fuse [A]
32	N44043	Label, SA1965 (Lighting Flash) [A]
33	SL.1024	Label, Serial No.
34	N44339	Label, SP Caution
35	OM-554	Instruction Manual
36	N44441	Metal Fittings (Voltage Sele.) [B, B_1, C]
101	TBB+30X08-Y	Tap Screw B, Bind Head, Y
102	TBB+30X12-Y	Tap Screw B, Bind Head, Y
103	TPM+30X08-B	Tap Screw P, Round Head, B
104	TSB+26X05-B	Tap Screw S, Bind Head, B
105	TSB+30X06-B	Tap Screw S, Bind Head, B
106	TSB+30X06-Y	Tap Screw S, Bind Head, Y
107	TSB+30X08-B	Tap Screw S, Bind Head, B
108	TSB+30X10-Y	Tap Screw S, Bind Head, Y
109	TSB+40X08-B	Tap Screw S, Bind Head, B
110	TSB+40X16-Y	Tap Screw S, Bind Head, Y
111	TSC+30X06-N	Tap Screw S, Washer Faced, N
112	TSC+30X08-Y	Tap Screw S, Washer Faced, Y
113	TST+40X08-Y	Tap Screw S, Truss, Y
114	2AWX0826-05-B	Plain Washer, B
115	2AWX0830-05-Y	Plain Washer, Y
116	2AWX1040-05-B	Plain Washer, B
117	2AE-03	Lug
118	2AE-05	Lug
119	AC-261	Mica
120	B-10	Bushing
121	M-10	Mica
122	NO.5219	Bush
123	SR-4N-4	Cord Stopper [A]
123	SR-5N-4	Cord Stopper [B, B_1, C]
124	4B48503T	Shield Case
125	5E-25-BSB	Heat Sink
126	59BS1692	Gnd Lug
127	U9-#09B02	UL Type Tube
ACC1	ACC-035C5-9EK1	Line Cord [A]
ACC1	ACC-037D3-9EK1	Line Cord [B, C]
ACC1	ACC-038D3-9EK1	Line Cord [B_1]
PCB1	32A1P02A-1	P.C.Board Ass'y (FU-594)
PCB2	32A1P02A-2	P.C.Board Ass'y (LED-594)
PCB3	32A1P01A	P.C.Board Ass'y (MAL-593)
PCB4	32A1P01A-1	P.C.Board Ass'y (MAR-593)
PCB5	32A1P02A-3	P.C.Board Ass'y (PFU-594)
PCB6	32A1P02A-4	P.C.Board Ass'y (PLD-594)
PCB7	32A1P02A	P.C.Board Ass'y (PS-594)
PCB8	32A1P02A-5	P.C.Board Ass'y (SW-594)
PT1	NPT-1864S	Power Transformer [A]
PT1	NPT-1862S	Power Transformer [B, B_1, C]
S001	ESB-99713V	Power Switch
S002	YKS11-0010	Voltage Selector [B, B_1, C]

SCHEMATIC DIAGRAM



TRANSISTORS

Q201~204, Q207~214, Q217, Q218, Q321, Q322	2SC2240
Q205, Q206, Q215, Q216, Q219, Q220, Q223, Q224, Q337, Q338	2SA970
Q323, Q324	2SC3467
Q303~306, Q335, Q336	2SA1370
Q301, Q302, Q307, Q308	2SC3281
Q309, Q310, Q313, Q314, Q317, Q318, Q331, Q332	2SA1302
Q311, Q312, Q315, Q316, Q319, Q320, Q329, Q330	2SC1953
Q333, Q334	2SB631K
Q325, Q326	2SD600K
Q327, Q328	2SC2240
Q401~403	

IC

IC 101, IC 102	NJM2043DD
IC 401	NJM78M18A
IC 402	NJM79M18A
IC 403	TA7317P

DIODES

D201~212, D301~316, D319, D320, D323~328	1S1558
D317, D318, D321, D322, D401	1S144
D329~332	S6K20
D403	1B4B42
D402	1N400
D601	MB-252
D602	BR-64
ZD 301~304	RD13E-B1
ZD 305~308	RD75E-B2
ZD 201~204	RD24E-B2
LD701 (POWER)	SLP255B
LD801 (OVERLOAD)	SLP155B
LD802 (PROTECTION)	SLP155B
LD803 (SOFT CLIP)	SLP455B

CAUTION: THOSE FUSES WITH SYMBOL MARKS 250V 1A and 250V 10A ARE FAST-BLOW TYPE. REPLACE WITH SAME TYPE 10A 250V (OR 1A 250V) FUSE.

ATTENTION: LES FUSIBLES MARQUES 250V 1A ET 250V 10A SONT DE TYPE A FUSION RAPIDE. UTILISER UN FUSIBLE DE RECHANGE DE MEME TYPE DE 10A 250V (OU 1A 250V).

DRAWING NO.	MODEL NO.
CD-554	2200A

ELECTRICAL PARTS LIST

Capacitors

Ref. No.	Part No.	Description
C101~104	ECQV1H684JZ	Film 50V 0.68μF ±5%
C105, 106	MY-50VU222J	Film 50V 2200pF ±5%
C107, 108	MY-50VU102J	Film 50V 1000pF ±5%
C109, 110	LL-25TW100M	Low-leak Elect. 25V 10μF ±20%
C111~114	HE70SJYF103Z	Ceramic 50V 0.01pF +80~−20%
C115, 116	NS-10TW101M	Elect. 10V 100μF ±20%
C201, 202	HE60SJSL181K	Ceramic 50V 180pF ±10%
C203, 204	LL-25TW100M	Low-leak Elect. 25V 10μF ±20%
C205, 206	HE90SJSL471K	Ceramic 50V 470pF ±10%
C207, 208	NS-10TW221M	Elect. 10V 220μF ±20%
C209, 210	ECQV1H104JZ	Film 50V 0.1μF ±5%
C211, 212	HE90SJSL391K	Ceramic 50V 390pF ±10%
C213, 214	NS-16TW101M	Elect. 16V 100μF ±20%
C215~218	NS-50TW2R2M	Elect. 50V 2.2μF ±20%
C219~222	NS-25TW470M	Elect. 25V 47μF ±20%
C223, 224	NS-50TW1R0M	Elect. 50V 1μF ±20%
C301~304	NS100TW4R7M	Elect. 100V 4.7μF ±20%
C305, 306	HM60SJSH220K	Ceramic 500V 22pF ±10%
C307~310	HE40SJYD102M	Ceramic 50V 1000pF ±20%
C311, 312	NS-16TW100M	Elect. 16V 10μF ±20%
C313, 314	NS-50TWR10M	Elect. 50V 0.1μF ±20%
C315~318	HE80SJSL331K	Ceramic 50V 330pF ±10%
C319~322	HE60SJSL151K	Ceramic 50V 150pF ±10%
C323, 324	MY100VS473K	Film 100V 0.047μF ±10%
C325~328	MY100VS682K	Film 100V 6800pF ±10%
C329, 330	MY-50VU104J	Film 50V 0.1μF ±5%
C401, 402	NS-10TW470M	Elect. 10V 47μF ±20%
C403	NS-10TW220M	Elect. 10V 22μF ±20%
C404	NS-50TWR47M	Elect. 50V 0.47μF ±20%
C405	MY-50VU102K	Film 50V 1000pF ±10%
C406, 407	ECQV1H104JZ	Film 50V 0.1μF ±5%
C408, 409	NS-50TW331M	Elect. 50V 330μF ±20%
C410	NS100TWR47M	Elect. 100V 0.47μF ±20%
C411, 412	BC0A103MI80EE3	Elect. 120V 10000μF ±20%
C413, 414	BC80103MC80EE4	Elect. 80V 10000μF ±20%
C415, 416	MY100VS104K	Film 100V 0.1μF ±10%
C417	HM15SJYD103M	Ceramic 500V 0.01μF ±20%
C501	ECQU1A103MH	Film 125v 0.01μF±20% [A]
C501	ECQU2A103MF	Film 250V 0.01μF±20% [B, B_1, C]
C502	ECQU2A103MF	Film 250V 0.01μF±20% [B, B_1, C]

Resistors

Ref. No.	Part No.	Description
R101, 102	KA25ST224J	Carbon 1/4W 220KΩ ±5%
R103, 104	KA25ST103J	Carbon 1/4W 10KΩ ±5%
R105, 106	KA25ST393J	Carbon 1/4W 39KΩ ±5%
R107~110	KA25ST222J	Carbon 1/4W 2.2KΩ ±5%
R111, 112	KA25ST104J	Carbon 1/4W 100KΩ ±5%
R113	KA25ST101J	Carbon 1/4W 100Ω ±5%
R114, 115	KA25ST104J	Carbon 1/4W 100KΩ ±5%
R116	KA25ST152J	Carbon 1/4W 1.5KΩ ±5%
R117	KA25ST472J	Carbon 1/4W 4.7KΩ ±5%
R118	KA25ST563J	Carbon 1/4W 56KΩ ±5%
R119	KA25ST332J	Carbon 1/4W 3.3KΩ ±5%
R120	KA25ST392J	Carbon 1/4W 3.9KΩ ±5%
R121~124	KA25ST102J	Carbon 1/4W 1KΩ ±5%
R201, 202	KA25ST104J	Carbon 1/4W 100KΩ ±5%
R203, 204	KA25ST223J	Carbon 1/4W 22KΩ ±5%
R205, 206	KA25ST471J	Carbon 1/4W 470Ω ±5%
R207~210	KA25ST561J	Carbon 1/4W 560Ω ±5%
R211, 212	KA25ST182J	Carbon 1/4W 1.8KΩ ±5%
R213, 214	KA25ST102J	Carbon 1/4W 1KΩ ±5%
R215, 216	KA25ST911J	Carbon 1/4W 910Ω ±5%
R217, 218	KA25ST102J	Carbon 1/4W 1KΩ ±5%
R219, 220	KA25ST331J	Carbon 1/4W 330Ω ±5%
R221, 222	KA25ST333J	Carbon 1/4W 33KΩ ±5%
R223, 224	KA25ST103J	Carbon 1/4W 10KΩ ±5%
R225, 226	SA-1WT562J-LP	Metal Oxide 1W 5.6KΩ ±5%
R227, 228	KA25ST102J	Carbon 1/4W 1KΩ ±5%
R229~232	KA25ST221J	Carbon 1/4W 220Ω ±5%
R233, 234	KA25ST682J	Carbon 1/4W 6.8KΩ ±5%
R235~238	KA25ST472J	Carbon 1/4W 4.7KΩ ±5%
R237, 240	KA25ST471J	Carbon 1/4W 470Ω ±5%
R241, 242	FR50ST103J-LP	Flame Proof 1/2W 10KΩ ±5%
R243, 244	KA25ST821J	Carbon 1/4W 820Ω ±5%
R245, 246	KA25ST102J	Carbon 1/4W 1KΩ ±5%
R247, 248	KA25ST104J	Carbon 1/4W 100KΩ ±5%
R249, 250	KA25ST471J	Carbon 1/4W 470Ω ±5%
R252, 252	FR50ST103J-LP	Flame Proof 1/2W 10KΩ ±5%
R253, 254	KA25ST821J	Carbon 1/4W 820Ω ±5%
R255, 256	KA25ST102J	Carbon 1/4W 1KΩ ±5%
R257~260	KA25ST104J	Carbon 1/4W 100KΩ ±5%
R261, 262	KA25ST223J	Carbon 1/4W 22KΩ ±5%
R263, 264	FR25ST330J-LP	Flame Proof 1/4W 33Ω ±5%
R265~270	KA25ST102J	Carbon 1/4W 1KΩ ±5%
R271, 272	KA25ST272J	Carbon 1/4W 2.7KΩ ±5%
R301, 302	FR25ST331J-LP	Flame Proof 1/4W 330Ω ±5%
R303, 304	FR25ST470J-LP	Flame Proof 1/4W 47Ω ±5%
R305, 306	FR25ST151J-LP	Flame Proof 1/4W 150Ω ±5%
R307~310	KA25ST272J	Carbon 1/4W 2.7KΩ ±5%
R311, 312	KA25ST333J	Carbon 1/4W 33KΩ ±5%
R313, 314	KA25ST103J	Carbon 1/4W 10KΩ ±5%
R315, 316	KA25ST333J	Carbon 1/4W 33KΩ ±5%
R317, 318	KA25ST184J	Carbon 1/4W 180KΩ ±5%
R319, 320	KA25ST333J	Carbon 1/4W 33KΩ ±5%
R321, 322	KA25ST561J	Carbon 1/4W 560Ω ±5%
R323, 324	KA25ST333J	Carbon 1/4W 33KΩ ±5%
R325~328	KA25ST102J	Carbon 1/4W 1KΩ ±5%
R329, 330	FR25ST680J-LP	Flame Proof 1/4W 68Ω ±5%
R331, 332	FR25ST471J-LP	Flame Proof 1/4W 470Ω ±5%
R333, 334	FR25ST680J-LP	Flame Proof 1/4W 68Ω ±5%
R335~338	SA-2WT123J-LP	Metal Oxide 2W 12KΩ ±5%
R339, 340	SA-2WT682J-LP	Metal Oxide 2W 6.8KΩ ±5%
R341, 342	KA25ST153J	Carbon 1/4W 15KΩ ±5%
R343, 344	SA-2WT682J-LP	Metal Oxide 2W 6.8KΩ ±5%
R345, 346	KA25ST153J	Carbon 1/4W 15KΩ ±5%
R347, 348	KA25ST123J	Carbon 1/4W 12KΩ ±5%
R349, 350	KA25ST272J	Carbon 1/4W 2.7KΩ ±5%
R351, 352	KA25ST102J	Carbon 1/4W 1KΩ ±5%
R353, 354	FR25ST471J-LP	Flame Proof 1/4W 470Ω ±5%
R355, 356	FR25ST101J-LP	Flame Proof 1/4W 100Ω ±5%
R357, 358	KA25ST102J	Carbon 1/4W 1KΩ ±5%
R359, 360	FR25ST471J-LP	Flame Proof 1/4W 470Ω ±5%
R361, 362	FR25ST101J-LP	Flame Proof 1/4W 100Ω ±5%
R363, 364	FR50ST331J-LP	Flame Proof 1/2W 330Ω ±5%
R365~368	MPC722R22KX2LF	Cement 5W 0.22Ω (x2)
R369~372	SA-2WT4R7J-LP	Metal Oxide 2W 4.7Ω ±5%
R373~376	FR25ST471J-LP	Flame Proof 1/4W 470Ω ±5%
R377, 378	FR25ST470J-LP	Flame Proof 1/4W 47Ω ±5%
R379, 380	FR25ST470J	Flame Proof 1/4W 47Ω ±5%
R401~404	KA25ST563J	Carbon 1/4W 56KΩ ±5%
R405	KA25ST224J	Carbon 1/4W 220KΩ ±5%
R406	KA25ST473J	Carbon 1/4W 47KΩ ±5%
R407	KA25ST563J	Carbon 1/4W 56KΩ ±5%
R408	KA25ST333J	Carbon 1/4W 33KΩ ±5%
R409~412	KA25ST223J	Carbon 1/4W 22KΩ ±5%
R413	SA-2WT471J-LP	Metal Oxide 2W 470Ω ±5%
R414	KA25ST823J	Carbon 1/4W 82KΩ ±5%
R415	KA25ST473J	Carbon 1/4W 47KΩ ±5%

Ref. No.	Part No.	Description
R416	SA-1WT392J-LP	Metal Oxide 1W 3.9KΩ ±5%
R417	KA50XT272J	Carbon 1/2W 2.7KΩ ±5%
R418	KA25ST154J	Carbon 1/4W 150KΩ ±5%
R419	KA25ST223J	Carbon 1/4W 22KΩ ±5%
R420	KA50XT272J	Carbon 1/2W 2.7KΩ ±5%
R421, 422	KA25ST332J	Carbon 1/2W 3.3KΩ ±5%
SVR201, 202	SVR-08T3B103	Semi-variable 10KΩ (B)
SVR301, 302	SVR-08T3B102	Semi-variable 1KΩ (B)

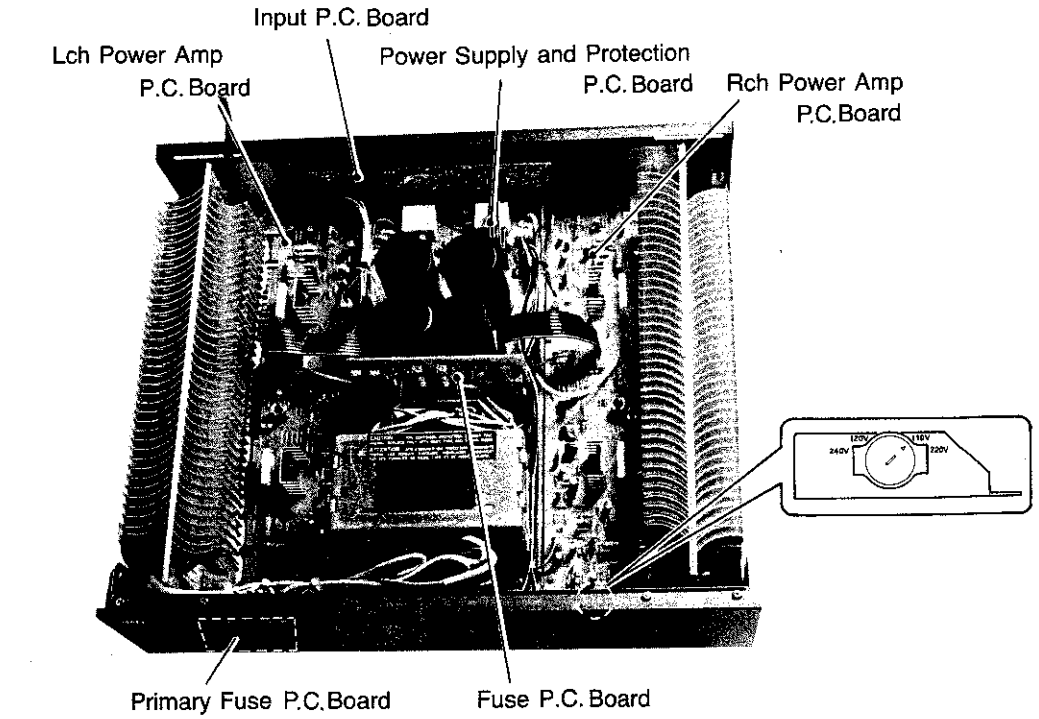
Semiconductors

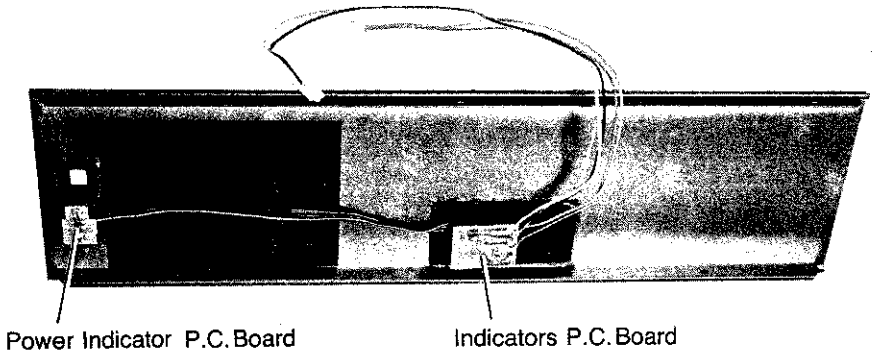
Ref. No.	Part No.	Description
D201~212	1S1588	Diode
D301~316	1S1588	Diode
D317, 318	1SS144	Diode
D319, 320	1S1588	Diode
D321, 322	1SS144	Diode
D323~328	1S1588	Diode
D329~332	S6K20	Diode Rectifier
D401	1SS144	Diode
D402	1N4003	Diode Rectifier
D403	1B4B42	Diode Bridge rectifier
D601	BR-25P	Diode Bridge rectifier
D602	BR-64-LF	Diode Bridge rectifier
Q201~204	2SC2240-BL	Transistor
Q205, 206	2SA970-BL	Transistor
Q207~214	2SC2240-BL	Transistor
Q215, 216	2SA970-BL	Transistor
Q217, 218	2SC2240-BL	Transistor
Q219, 220	2SA970-BL	Transistor
Q301, 302	2SA1370-E, F	Transistor
Q303~306	2SC3467-E, F	Transistor
Q307, 308	2SA1370-E, F	Transistor
Q309, 310	2SC3281-R, O	Transistor
Q311, 312	2SA1302-R, O	Transistor
Q313, 314	2SC3281-R, O	Transistor
Q315, 316	2SA1302-R, O	Transistor
Q317, 318	2SC3281-R, O	Transistor
Q319, 320	2SA1302-R, O	Transistor
Q321, 322	2SC2240-BL	Transistor
Q323, 324	2SA970-BL	Transistor
Q325, 326	2SB631K-E, F	Transistor
Q327, 328	2SD600K-E, F	Transistor
Q329, 330	2SA1302-R, O	Transistor
Q331, 332	2SC3281-R, O	Transistor
Q333, 334	2SC1953-R, S	Transistor
Q335, 336	2SC3467-E, F	Transistor
Q337, 338	2SA970-BL	Transistor
Q401~403	2SC2240-GR, BL	Transistor
IC101, 102	NJM2043DD	IC Dual low-noise preamplifier
IC401	NJM78M18A	IC Positive voltage regurator
IC402	NJM79M18A	IC Negative voltage regulator
IC403	TA7317P	IC Protection circuit
LD701	SLP255B	LED Green
LD801, 802	SLP155B	LED Red
LD803	SLP455B	LED Amber
ZD201~204	RD24E-B2	Zener Diode 1/2W 24V
ZD301~304	RD10E-B3	Zener Diode 1/2W 10V
ZD305~308	RD7.5E-B2	Zener Diode 1/2W 7.5V

Miscellaneous

Ref. No.	Part No.	Description
F501	FU-621034T-C	Fuse 250V 10A [A]
F501	FU-525029T	Fuse 250V 5A [B, B_1, C]
F601~604	FU-621034T-C	Fuse 250V 10A [A]
F601, 602	FU-526329T	Fuse 250V 6.3A [B, B_1, C]
F603, 604	FU-521039T	Fuse 250V 10A [B, B_1, C]
F605, 606	FU-621024T	Fuse 250V 1A [A]
F605, 606	FU-521029T	Fuse 250V 1A [B, B_1, C]
L301, 302	104001	Air-core Coil
S101, 102	SSB022	Slide Switch
JP101, 102	MC02-371	Micro Socket Ass'y
	171825-2	Micro Plug
JP103	MC03-377	Micro Socket Ass'y
	171825-3	Micro Plug
JP104	MC03-378	Micro Socket Ass'y
	171825-3	Micro Plug
JP201, 202	W-D0608	Connector
JP401	W-D0604	Connector
JP402	MC03-372	Micro Socket Ass'y
	171825-3	Micro Plug
JP403	MC03-373	Micro Socket Ass'y
	171825-3	Micro Plug
JP801	MC03-376	Micro Socket Ass'y
	171825-3	Micro Plug
JP802	MC02-370	Micro Socket Ass'y
	171825-2	Micro Plug
RL401, 402	RXS-2405U	Relay
TP201, 202	WD-2	Terminal Pin
TS301, 302	UI2-10005-240A	Thermal Relay
PTC601, 602	RDE185A	PTC Device
	YKC21-0069	Jack, RCA 2p
	YKD31-0212	Socket 4p (S.P)
	FU-594	Printed Circuit Board
	LED-594	Printed Circuit Board
	MAL-593	Printed Circuit Board
	MAR-593	Printed Circuit Board
	PFU-594	Printed Circuit Board
	PLD-594	Printed Circuit Board
	PS-594	Printed Circuit Board
	SW-594	Printed Circuit Board

P.C.BOARDS AND Vol. Sel. SW LOCATION





VOLTAGE CONVERSION

The units for U.K., Australia, and Europe are incorporated with voltage selectors. When changing the voltage, set up the mark " ▷ " of the selector to an appropriate indication voltage as shown in the figure.