

**NAD**

**SERVICE  
MANUAL**

**MONITOR SERIES**

**2600**

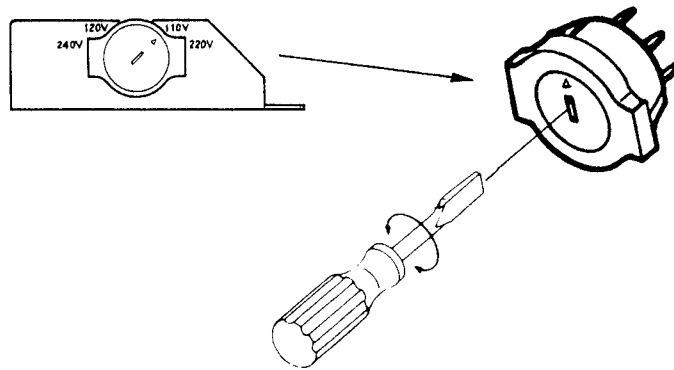
**POWER AMPLIFIER**

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## 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.



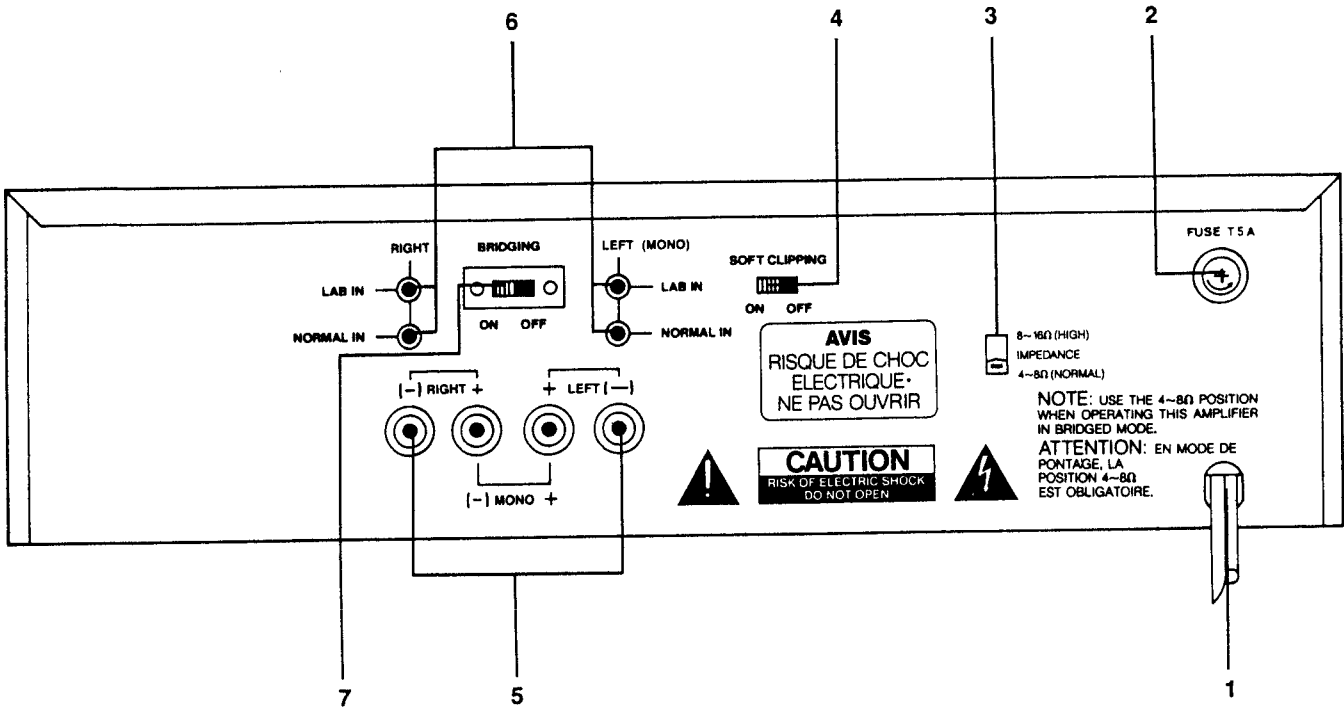
The mains fuse must be changed according to voltage: 110-120V 10A, 220-240V 5A.

**REAR PANEL**

- 1. AC Line Cord.
- 2. AC Line Fuse (220V, 240V Models Only).
- 3. Speaker Impedance.
- 4. Soft Clipping.
- 5. Speaker terminals.
- 6. Inputs (Normal and Lab).
- 7. Bridging.

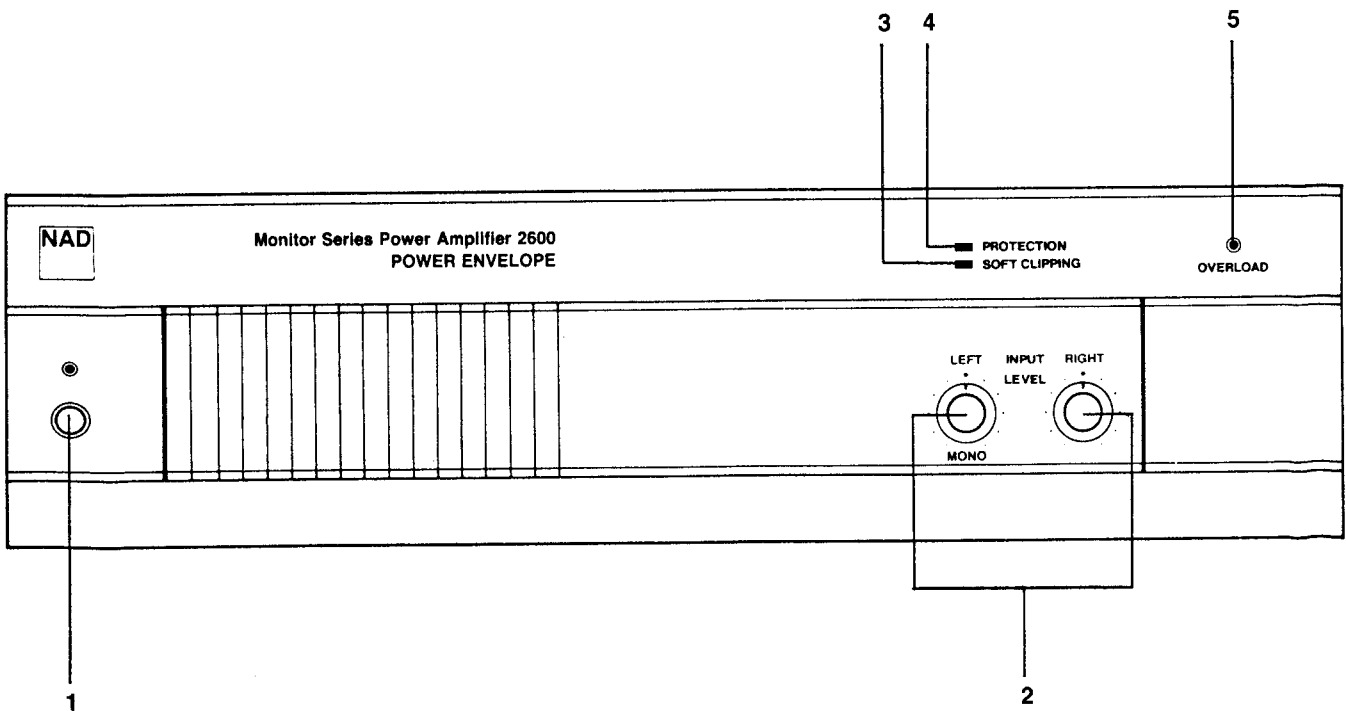
**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



**FRONT PANEL**

- 1. Power.
- 2. Input Level.
- 3. Soft Clipping Indicator.
- 4. Protection Indicator.
- 5. Overload Indicator.



# 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
  4. Input Level control : Min.-Max. .... Rotary type
  5. Speaker Load switch : 4Ω-8Ω ..... Slide type
- B.
1. Speaker terminal : 4P army type binding post for  
banana plug
  2. AC Line Cord
    - [A]-Version for U.S.A. : UL-1 type
    - [A<sub>1</sub>]-Version for Canada : UL-1 type
    - [B]-Version for U.K. : CEE2 type
    - [B<sub>1</sub>]-Version for Australia, N.Z. : S type
    - [C]-Version for Scandinavia : CEE2 type
    - [C<sub>1</sub>]-Version for W.Germany : CEE2 type
  3. Normal input : RCA type pin jack (2P)
  4. Lab input : RCA type pin jack (2P)
- C. Display Indicators
- Power : Green
- Soft clipping : Yellow
- Overload : Red
- Protection : Red
- D. Output Load
- Speaker Output : 8Ω/4Ω
- E. Maximum Power Consumption : 970VA
- F. AC Power Supply
- [A]-Version for U.S.A. : 120V 60Hz
  - [A<sub>1</sub>]-Version for Canada : 120V 60Hz
  - [B]-Version for U.K. : 240V 50Hz  
(110V/120V/220V/240V switchable)
  - [B<sub>1</sub>]-Version for Australia, N.Z. : 240V 50Hz  
(110V/120V/220V/240V switchable)
  - [C]-Version for Scandinavia : 220V 50Hz  
(110V/120V/220V/240V switchable)
  - [C<sub>1</sub>]-Version for W.Germany : 220V 50Hz  
(110V/120V/220V/240V switchable)
- G. Netweight and Dimension (Approx.)
1. Netweight : 13Kg
  2. Dimensions (W×H×D) : 435×128.5×392 (mm)

## ELECTRICAL SPECIFICATION

	Nominal	Limit	Unit		Nominal	Limit	Unit
1. Sensitivity	1.0	±1.5dB	V	9. Frequency response (Nor in)			
Input : 1000Hz				Input : Nor in			
Output : 150W, 8Ω				Output : 15W, 8Ω			
2. Channel Difference		less than 1	dB	600Ω/both ch. driven 12dB/Octave			
3. Output Power				at 14Hz	-3	-3±1.5	dB
Input : LAB in				at 40kHz	-3	-3±1.5	dB
Output : 0.05% THD				10. Damping Factor	120	100	—
20-20000Hz continuous both ch. driven				at 50Hz 8Ω load at 100W			
8Ω		more than 150	W	11. Slew Rate	25	23	V/μsec
4Ω		more than 150	W	12. Signal to Noise Ratio		more than 110	dB
4. Clipping Power				Input shorted			
Input : LAB in				Ref. Rated power			
Output : 1% THD				(VR Max. IHF-A weighted)			
1000Hz continuous both ch. driven				13. Residual Noise (VR Min.)			
8Ω load	200	180	W	unweighted		less than 0.5	mV
4Ω load	200	180	W	weighted		less than 0.1	mV
5. Dynamic Power				14. Input Impedance		more than 20	kΩ
Input : LAB in				15. Cross Talk			
Output : Clipping point				Between the channels of stereo equipment			
1000Hz 20ms IHF dynamic wave both ch. driven				Input : LAB in (shorted) 8Ω load			
8Ω	400	380	W	1000Hz	80	76	dB
4Ω	500	450	W	20000Hz	63	56	dB
6. IM Distortion		less than 0.05	%	16. Soft Clip Level			
Input : LAB in 60Hz : 7000Hz = 4 : 1				(when switched in just at onset of clipping)			
Output : from 250mW-150W				4Ω	-0.5	-0.5±0.4	dB
both ch. driven 8Ω load				8Ω	-0.5	-0.5±0.4	dB
7. THD		less than 0.05	%	17. Peak short term (1 msec)			
Input : LAB in				O/P current	50	45	A
Output : 20-20000Hz from 250mW-150W				18. THD (No load)		less than 0.1	%
both ch. driven 8Ω load				Input : LAB in			
8. Frequency response (LAB in)		±0.5dB	dB	Output : 20kHz 60V-rms			
Input : LAB in							
Output : 15W, 8Ω							
20-20000Hz							

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

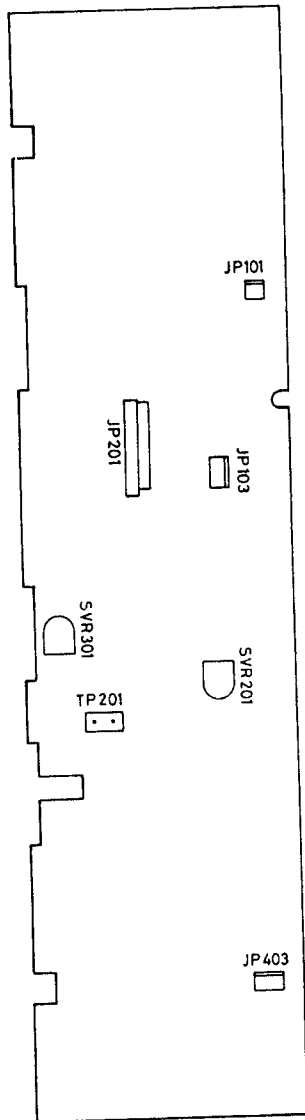
# ALIGNMENT PROCEDURES

## Condition

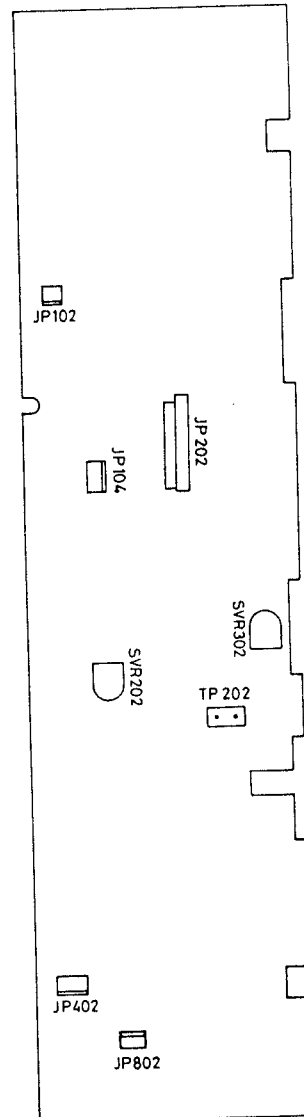
Preheat . . . . . more than 15 minutes  
 Speaker load . . . . . 8 ohms (dummy or speaker)  
 Input . . . . . No signal

Step	Output Indication Connection	Adjustment	Adjust for
<b>CENTER DC VOLTAGE</b>			
1	DC digital voltmeter Speaker terminals	SVR201 (L ch) SVR202 (R ch)	0±5 mV
<b>IDLING</b>			
2	DC digital voltmeter TP201/TP202 (L/R)	SVR301 (L ch) SVR302 (R ch)	7.5±0.5mV

**MAL-P.C. Board**

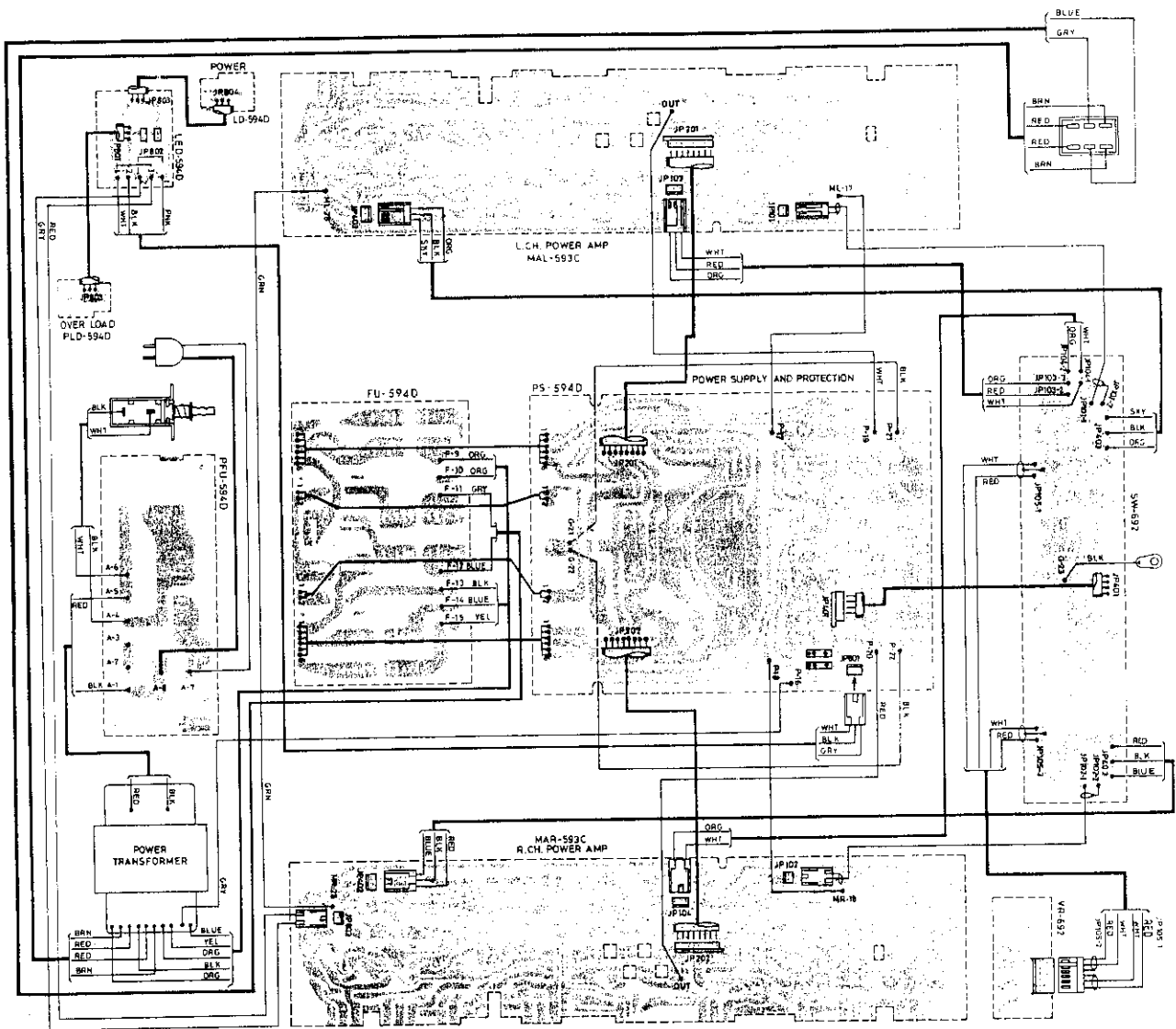


**MAR-P.C. Board**

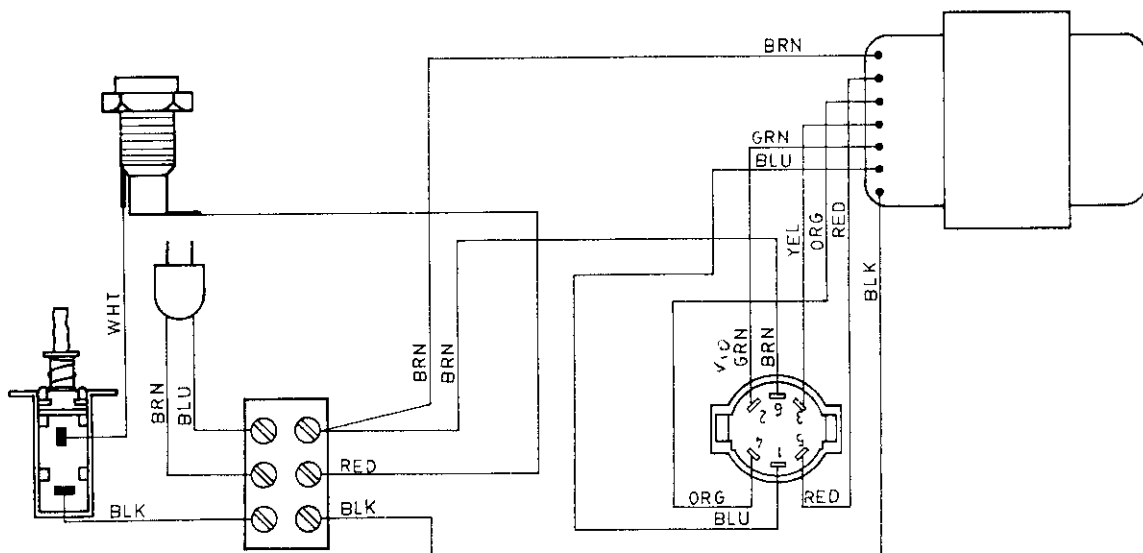


# WIRING DIAGRAM (Component side)

[A, A<sub>1</sub>]-Version for U.S.A., Canada

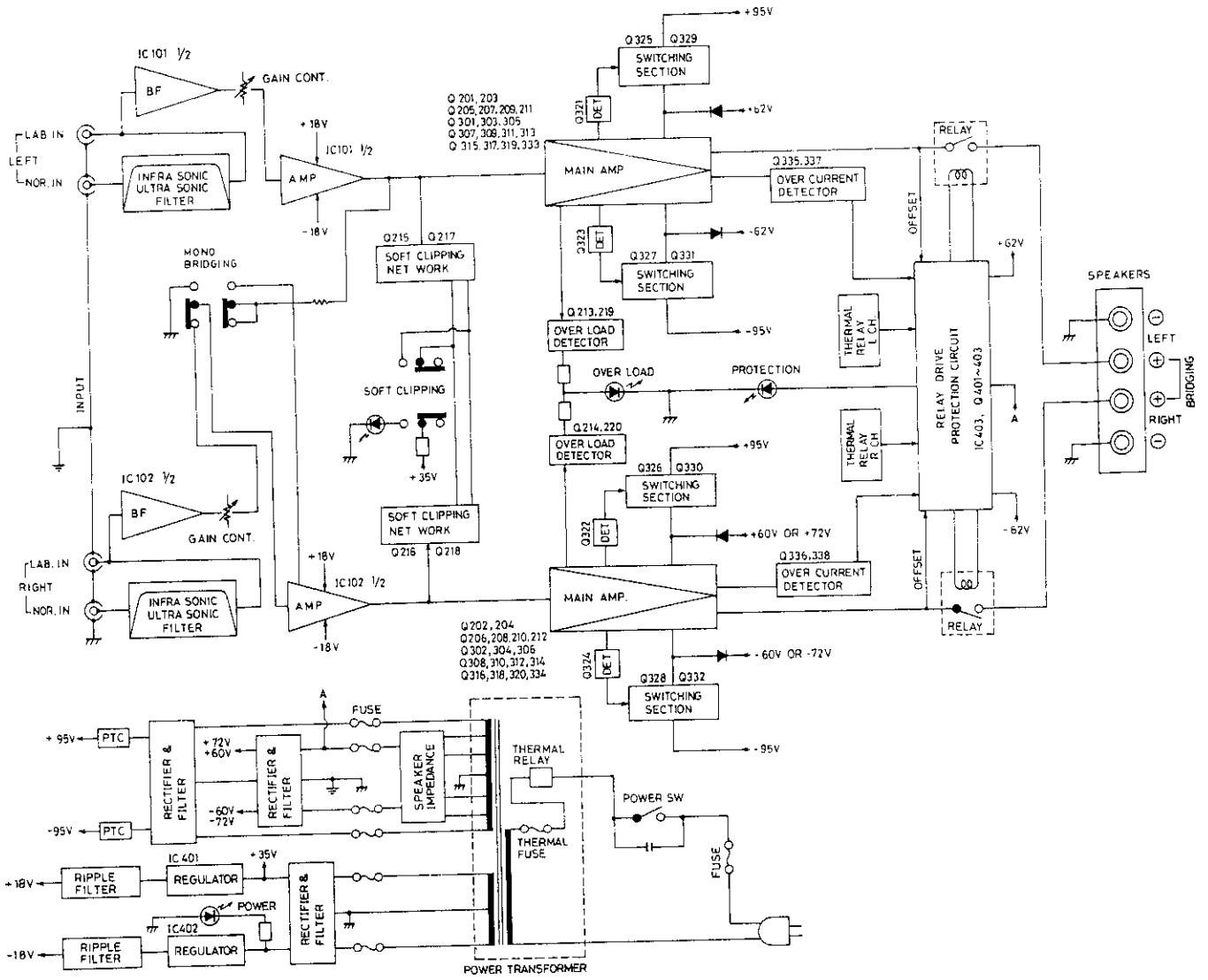


[B, B<sub>1</sub>, C, C<sub>1</sub>]-Version for U.K., Australia / N.Z., Scandinavia, W.Germany



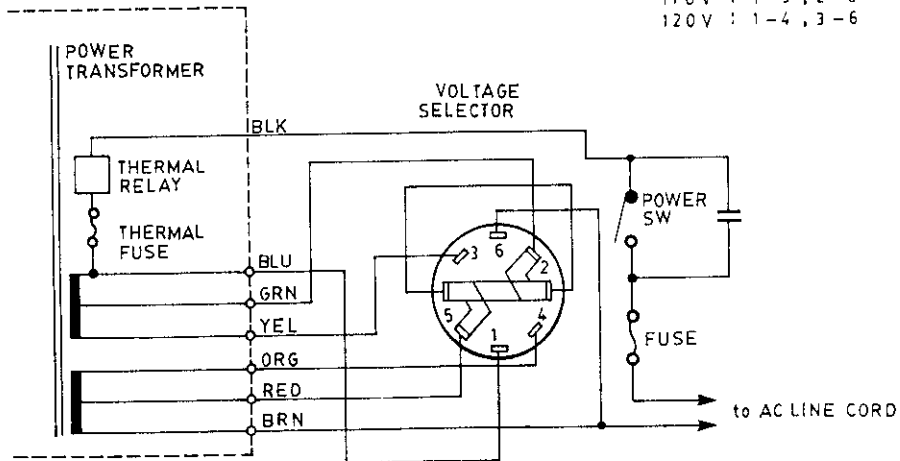
# BLOCK DIAGRAM

[A, A<sub>1</sub>]-Version for U.S.A., Canada



[B, B<sub>1</sub>, C, C<sub>1</sub>]-Version for U.K., Australia / N.Z., Scandinavia, W.Germany

VOLTAGE SELECTOR POSITION  
 220V : 2-5  
 240V : 3-4  
 110V : 1-5, 2-6  
 120V : 1-4, 3-6

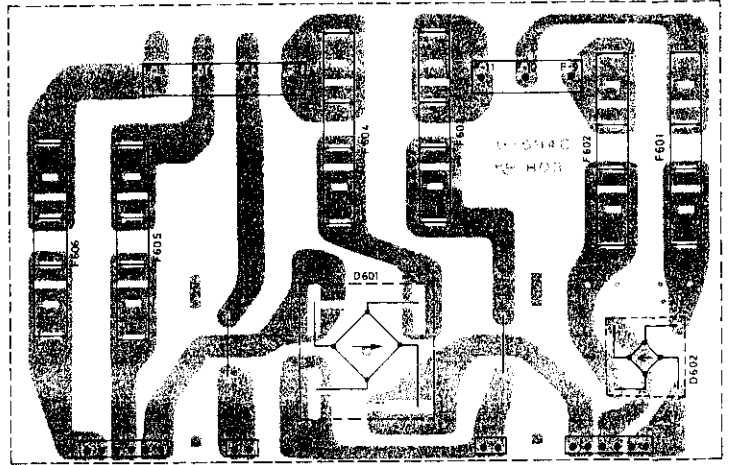
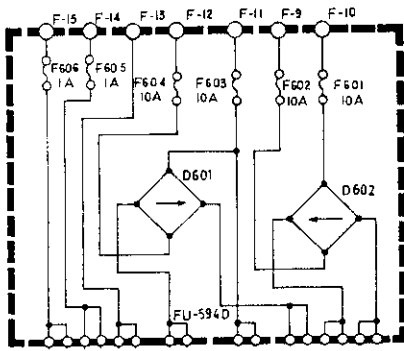




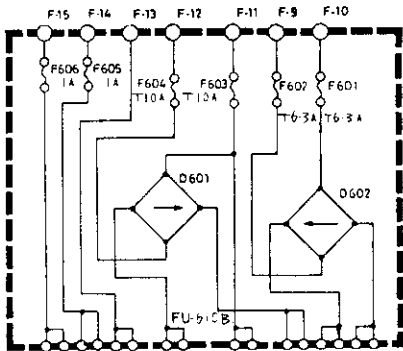


**Fuse P.C.B Ass'y**

**[A, A<sub>1</sub>]-Version for U.S.A., Canada**

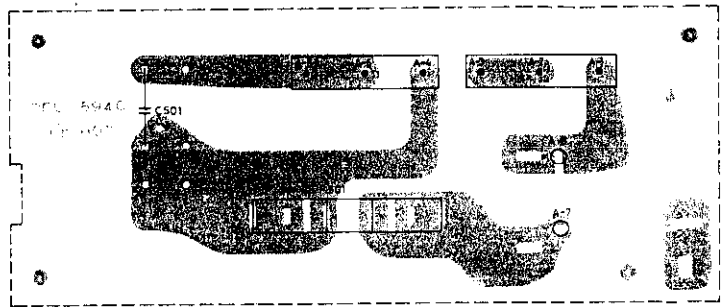
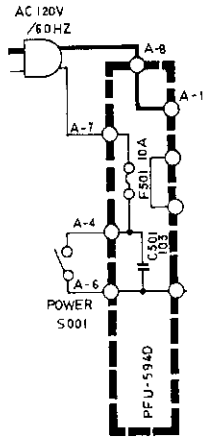


**[B, B<sub>1</sub>, C, C<sub>1</sub>]-Version for U.K., Australia / N.Z., Scandinavia, W.Germany**



**Primary Fuse P.C.B Ass'y**

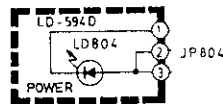
**[A, A<sub>1</sub>]-Version for U.S.A., Canada only**



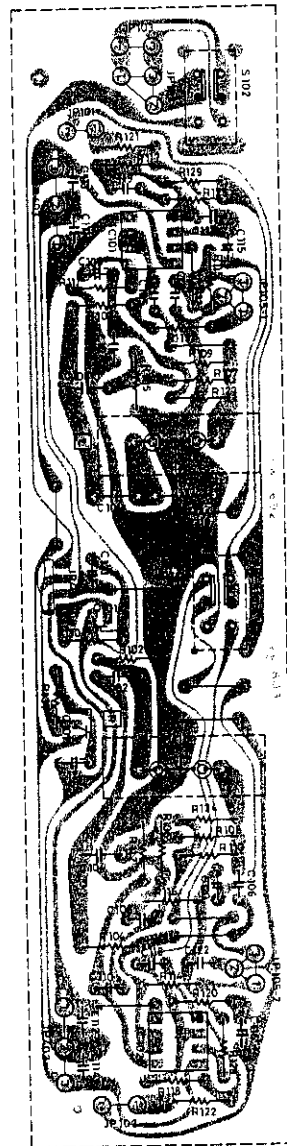
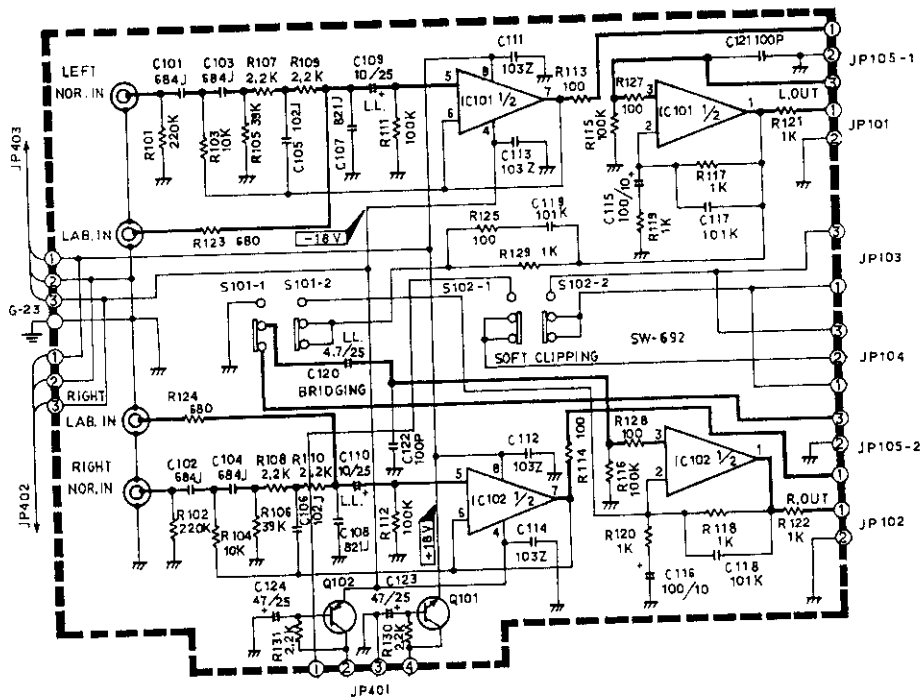
**Indicator P.C.B Ass'y**



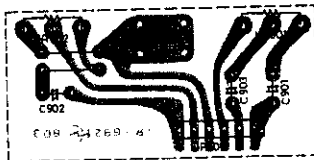
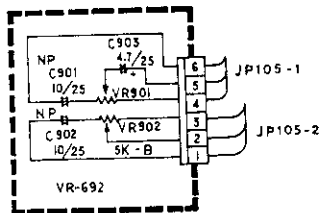
**Power Indicator P.C.B Ass'y**



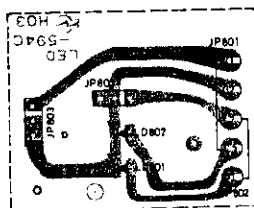
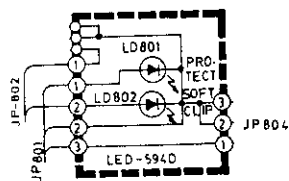
# Input P.C.B Ass'y



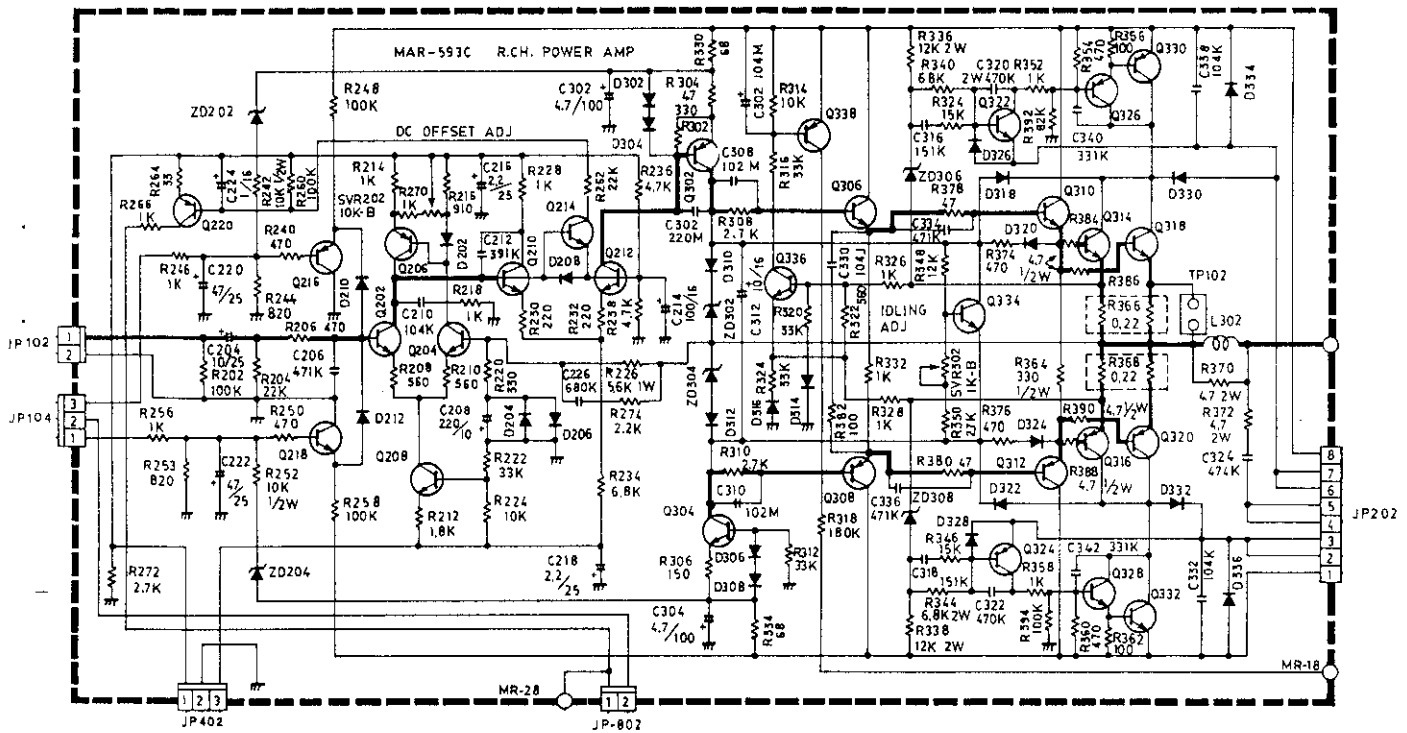
# Input Volume P.C.B Ass'y



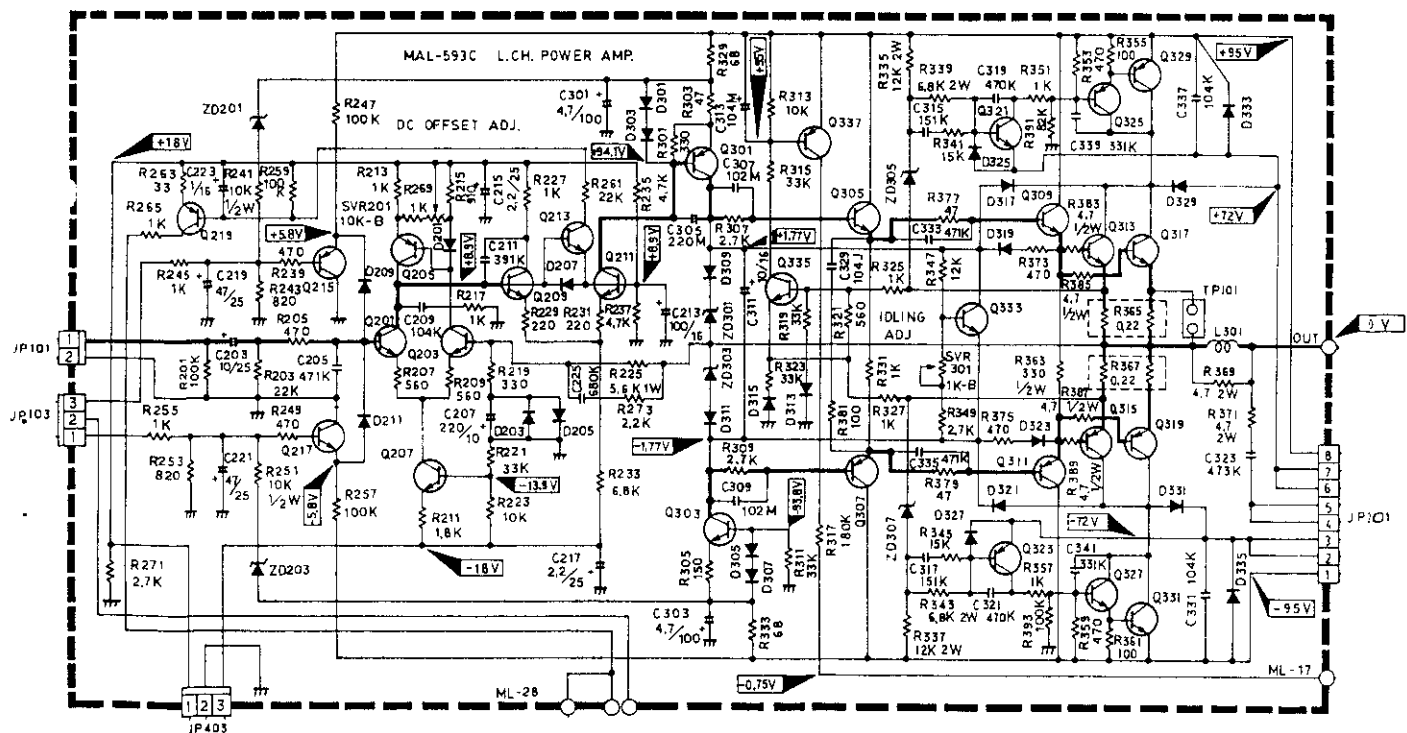
# Indicators P.C.B Ass'y

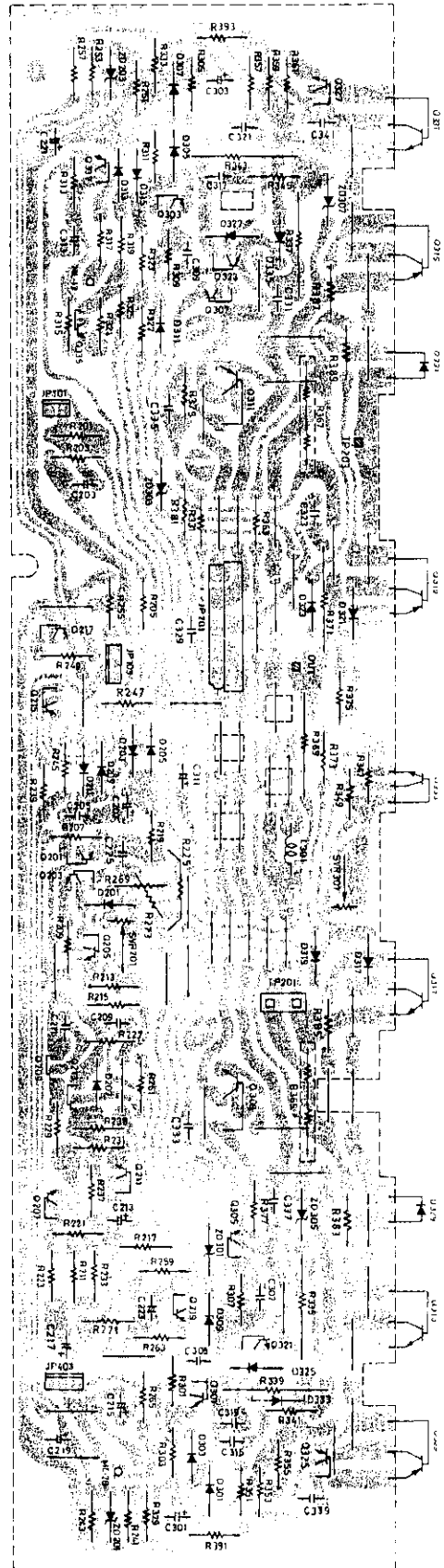
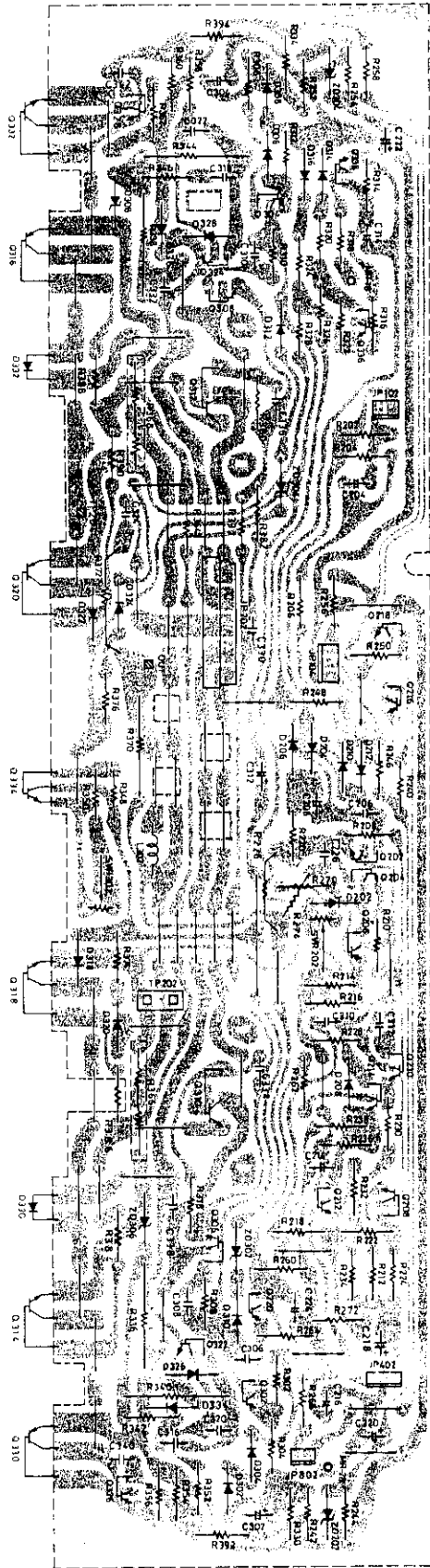


### R ch Power Amp Circuit

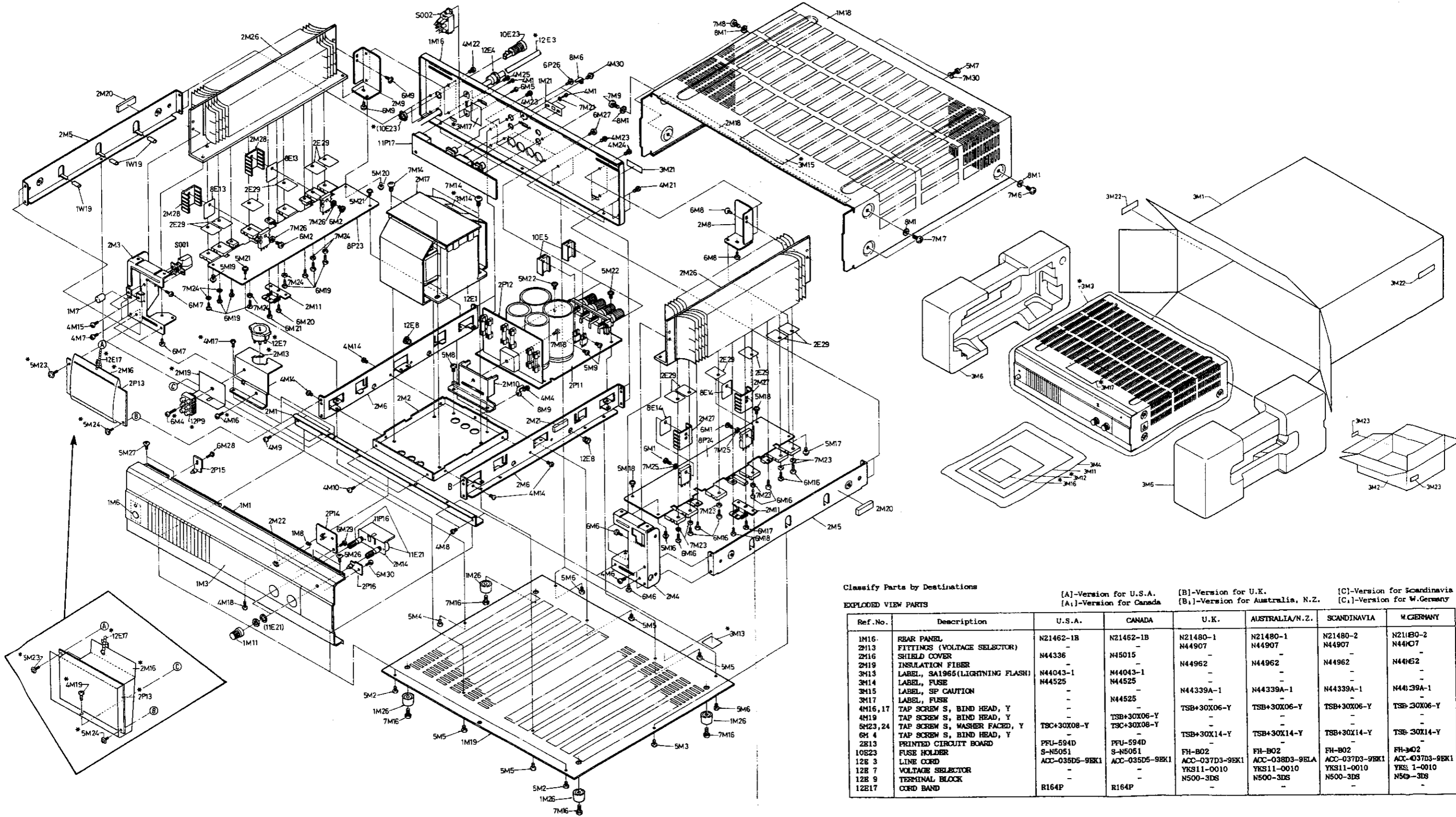


### L ch Power Amp Circuit





# EXPLODED VIEW AND PARTS LIST



**Classify Parts by Destinations**

[A]-Version for U.S.A. [B]-Version for U.K. [C]-Version for Scandinavia  
 [A<sub>1</sub>]-Version for Canada [B<sub>1</sub>]-Version for Australia, N.Z. [C<sub>1</sub>]-Version for W.Germany

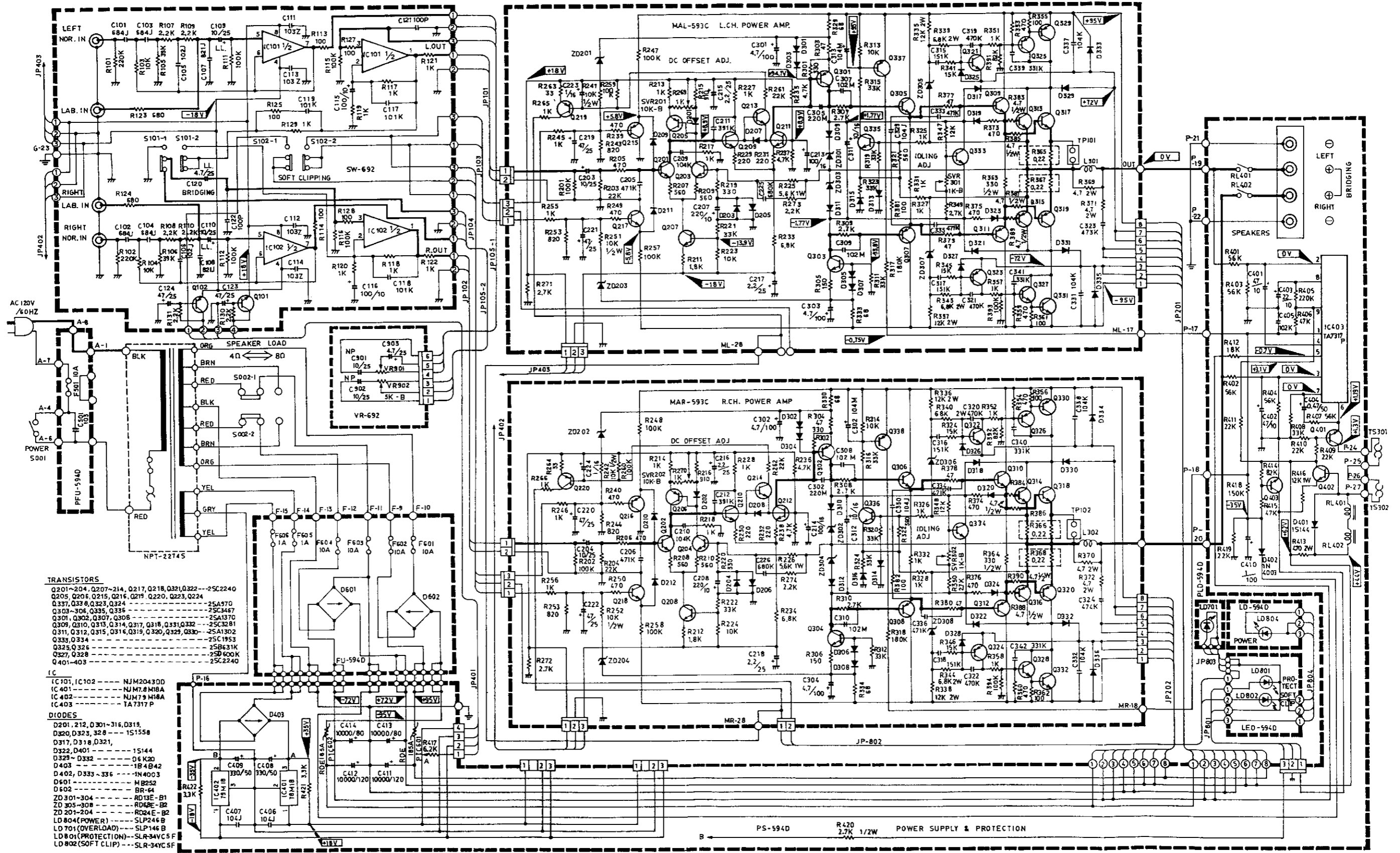
**EXPLODED VIEW PARTS**

Ref.No.	Description	U.S.A.	CANADA	U.K.	AUSTRALIA/N.Z.	SCANDINAVIA	W.GERMANY
1M16	REAR PANEL	N21462-1B	N21462-1B	N21480-1	N21480-1	N21480-2	N21480-2
2M13	FITTINGS (VOLTAGE SELECTOR)	-	-	N44907	N44907	N44907	N44907
2M16	SHIELD COVER	N44336	N45015	-	-	-	-
2M19	INSULATION FIBER	-	-	N44962	N44962	N44962	N44962
3M13	LABEL, SA1965 (LIGHTNING FLASH)	N44043-1	N44043-1	-	-	-	-
3M14	LABEL, FUSE	N44525	N44525	-	-	-	-
3M15	LABEL, SP CAUTION	-	-	N44339A-1	N44339A-1	N44339A-1	N44339A-1
3M17	LABEL, FUSE	-	N44525	-	-	-	-
4M16, 17	TAP SCREW S, BIND HEAD, Y	-	-	TSB+30X06-Y	TSB+30X06-Y	TSB+30X06-Y	TSB+30X06-Y
4M19	TAP SCREW S, BIND HEAD, Y	-	TSB+30X06-Y	-	-	-	-
5M23, 24	TAP SCREW S, WASHER FACED, Y	TSC+30X08-Y	TSC+30X08-Y	-	-	-	-
6M4	TAP SCREW S, BIND HEAD, Y	-	-	TSB+30X14-Y	TSB+30X14-Y	TSB+30X14-Y	TSB+30X14-Y
2E13	PRINTED CIRCUIT BOARD	PFI-594D	PFI-594D	-	-	-	-
10E23	FUSE HOLDER	S-N5051	S-N5051	FH-B02	FH-B02	FH-B02	FH-B02
12E3	CAUTION SHEET, POLARIZED PLUG	ACC-035D5-9EK1	ACC-035D5-9EK1	ACC-037D3-9EK1	ACC-038D3-9ELA	ACC-037D3-9EK1	ACC-037D3-9EK1
12E7	VOLTAGE SELECTOR	-	-	YKS11-0010	N500-3DS	YKS11-0010	YKS11-0010
12E9	TERMINAL BLOCK	-	-	N500-3DS	N500-3DS	N500-3DS	N500-3DS
12E17	CORD BAND	R164P	R164P	-	-	-	-

**PACKING PARTS**

Ref.No.	Description	U.S.A.	CANADA	U.K.	AUSTRALIA/N.Z.	SCANDINAVIA	W.GERMANY
3M3	POLYETHYLENE BAG	N45011	N45011	N45012	N45011	N45011	N45011
3M12	CAUTION SHEET, POLARIZED PLUG	N44687	N44687	-	-	-	-
3M16	CARD, WARRANTY REGISTRATION	NAD-WC2	-	-	-	-	-
3M17	STICKER, WARNING	-	-	N41994	-	-	-

SCHEMATIC DIAGRAM



- TRANSISTORS**  
 Q201~204, Q207~214, Q217, Q218, Q321, Q322 --- 2SC2240  
 Q205, Q206, Q215, Q216, Q219, Q220, Q223, Q224  
 Q327, Q337, Q338, Q339, Q342 --- 2SA170  
 Q303~306, Q335, Q336 --- 2SC3467  
 Q301, Q302, Q307, Q308 --- 2SA1370  
 Q309, Q310, Q313, Q314, Q317, Q318, Q331, Q332 --- 2SC3281  
 Q311, Q312, Q315, Q316, Q319, Q320, Q329, Q330 --- 2SA1302  
 Q333, Q334 --- 2SC1953  
 Q325, Q326 --- 2SB631K  
 Q327, Q328 --- 2SD600K  
 Q401~403 --- 2SC2240
- IC**  
 IC101, IC102 --- NJM2043DD  
 IC401 --- NJM78M18A  
 IC402 --- NJM79M18A  
 IC403 --- TA7317P
- DIODES**  
 D201, 212, D301~316, D319,  
 D320, D323, 328 --- 1S1558  
 D317, D318, D321,  
 D322, D401 --- 1S144  
 D329~D332 --- 06K20  
 D403 --- 1B4B42  
 D402, D333~336 --- 1N4003  
 D601 --- M8252  
 D602 --- BR-64  
 ZD301~304 --- RD13E-B1  
 ZD305~308 --- RD6E-B2  
 ZD201~204 --- RD24E-B2  
 LD804(POWER) --- SLP246B  
 LD701(OVERLOAD) --- SLP146B  
 LD801(PROTECTION) --- SLR34VC5F  
 LD802(SOFT CLIP) --- SLR34VC5F

CAUTION: THOSE FUSES WITH SYMBOL MARKS and ARE FAST BLOW TYPE. REPLACE WITH SAME TYPE 10A 250V (OR 1A 250V) FUSE.  
 ATTENTION: LES FUSIBLES MARQUES ET SONT DE TYPE A FUSION RAPIDE. UTILISER UN FUSIBLE DE REMPLACEMENT DE MEME TYPE DE 10A 250V (OU 1A 250V).

DRAWING NO.	MODEL NO.
CD-370	2600A

# ELECTRICAL PARTS LIST

L CH POWER AMP PCB ASS'Y

REF. NO.	Q'TY	PART NO.	DESCRIPTION
<b>P.C. BOARD</b>			
RE23	1	MAL-593C	PRINTED CIRCUIT BOARD
<b>SEMICONDUCTORS</b>			
0201,203, 205,207, 209,211, 301,303, 305,307, 309,311, 313,315	14	1S1588	DIODE
0317	1	1S5144	DIODE
0319	1	1S1588	DIODE
0321	1	1S5144	DIODE
0323,325, 327	3	1S1589	DIODE
0333,335	2	1N4003	DIODE
Q201,203	2	2SC2240-BL	TRANSISTOR
Q205	1	2SA970-BL	TRANSISTOR
Q207,209, 211,213	4	2SC2240-BL	TRANSISTOR
Q215	1	2SA970-BL	TRANSISTOR
Q217	1	2SC2240-BL	TRANSISTOR
Q219	1	2SA970-BL	TRANSISTOR
Q301	1	2SA1370-E,F	TRANSISTOR
Q303,305	2	2SC3467-E,F	TRANSISTOR
Q307	1	2SA1370-E,F	TRANSISTOR
Q309	1	2SC3281-R+O	TRANSISTOR
Q311	1	2SA1302-R+O	TRANSISTOR
Q321	1	2SC2240-BL	TRANSISTOR
Q323	1	2SA970-BL	TRANSISTOR
Q325	1	2SB631K-E,F	TRANSISTOR
Q327	1	2SD000K-E,F	TRANSISTOR
Q335	1	2SC3467-E,F	TRANSISTOR
Q337	1	2SA970-BL	TRANSISTOR
Z0201,203	2	RD24E-B2	ZENER DIODE,1/2W,24V
Z0301,303	2	RD13E-B1	DIODE
Z0305,307	2	RD6.8E-B2	ZENER DIODE,1/2W,6.8V
<b>CAPACITORS</b>			
C203	1	LL-25TW100M	LOW LEAK. ELECTROLYTIC CAP.
C205	1	HE90SJS1471K	CERAMIC CAPACITOR
C207	1	NS-10TW221M	ELECTROLYTIC CAPACITOR
C209	1	ECQV1H104JZ	METALLIZED FILM CAPACITOR
C211	1	HE90SJS1391K	CERAMIC CAPACITOR
C213	1	NS-16TW101M	ELECTROLYTIC CAPACITOR
C215,217	2	NS-50TW2R2M	ELECTROLYTIC CAPACITOR
C219,221	2	NS-25TW470M	ELECTROLYTIC CAPACITOR
C223	1	NS-50TW1R0M	ELECTROLYTIC CAPACITOR
C225	1	HM60SJS1680K	CERAMIC CAPACITOR
C301,303	2	NS100T4W47M	ELECTROLYTIC CAPACITOR
C305	1	HM60SJS1220K	CERAMIC CAPACITOR
C307,309	2	HE40SJD102M	CERAMIC CAPACITOR
C311	1	NS-16TW100M	ELECTROLYTIC CAPACITOR
C313	1	NS-50TW1R0M	ELECTROLYTIC CAPACITOR
C315,317	2	HE60SJS1151K	CERAMIC CAPACITOR
C319,321	2	HE40SJS1470K	CERAMIC CAPACITOR
C323	1	MY100VS473K	MYLAR CAPACITOR
C329,331	2	ECQV1H104JZ	METALLIZED FILM CAPACITOR
C333,335	2	HE90SJS1471K	CERAMIC CAPACITOR
C337	1	ECQV1H104JZ	METALLIZED FILM CAPACITOR
C339,341	2	HE80SJS1331K	CERAMIC CAPACITOR
<b>RESISTORS</b>			
R201	1	KA25ST104J	CARBON RESISTOR
R203	1	KA25ST223J	CARBON RESISTOR
R205	1	KA25ST471J	CARBON RESISTOR
R207,209	2	KA25ST561J	CARBON RESISTOR
R211	1	KA25ST182J	CARBON RESISTOR
R213	1	KA25ST102J	CARBON RESISTOR
R215	1	KA25ST911J	CARBON RESISTOR
R217	1	KA25ST102J	CARBON RESISTOR
R219	1	KA25ST331J	CARBON RESISTOR
R221	1	KA25ST333J	CARBON RESISTOR
R223	1	KA25ST103J	CARBON RESISTOR
R225	1	SA-1W7562J-LP	METAL OXIDE RESISTOR
R227	1	KA25ST102J	CARBON RESISTOR
R229,231	2	KA25ST221J	CARBON RESISTOR
R233	1	KA25ST682J	CARBON RESISTOR
R235,237	2	KA25ST472J	CARBON RESISTOR
R239	1	KA25ST471J	CARBON RESISTOR
R241	1	FR50ST103J-LP	FLAME PROOF RESISTOR
R243	1	KA25ST821J	CARBON RESISTOR
R245	1	KA25ST102J	CARBON RESISTOR
R247	1	KA25ST104J	CARBON RESISTOR
R249	1	KA25ST471J	CARBON RESISTOR
R251	1	FR50ST103J-LP	FLAME PROOF RESISTOR
R253	1	KA25ST821J	CARBON RESISTOR
R255	1	KA25ST102J	CARBON RESISTOR
R257,259	2	KA25ST104J	CARBON RESISTOR
R261	1	KA25ST223J	CARBON RESISTOR
R263	1	FR25ST330J-LP	FLAME PROOF RESISTOR
R265,269	2	KA25ST102J	CARBON RESISTOR
R271	1	KA25ST272J	CARBON RESISTOR
R275	1	FR25ST222J-LP	FLAME PROOF RESISTOR
R301	1	FR25ST331J-LP	FLAME PROOF RESISTOR
R303	1	FR25ST470J-LP	FLAME PROOF RESISTOR
R305	1	FR25ST151J-LP	FLAME PROOF RESISTOR
R307	1	FR25ST272J-LP	FLAME PROOF RESISTOR
R309	1	KA25ST272J	CARBON RESISTOR
R311	1	KA25ST333J	CARBON RESISTOR
R313	1	KA25ST103J	CARBON RESISTOR
R315	1	KA25ST333J	CARBON RESISTOR

REF. NO.	Q'TY	PART NO.	DESCRIPTION
R317	1	KA25ST184J	CARBON RESISTOR
R319	1	KA25ST333J	CARBON RESISTOR
R321	1	KA25ST561J	CARBON RESISTOR
R323	1	KA25ST333J	CARBON RESISTOR
R325,327	2	FR25ST102J-LP	FLAME PROOF RESISTOR
R329	1	FR25ST680J-LP	FLAME PROOF RESISTOR
R331	1	FR25ST102J-LP	FLAME PROOF RESISTOR
R333	1	FR25ST680J-LP	FLAME PROOF RESISTOR
R335,337	2	SA-2WT123J-LP	METAL OXIDE RESISTOR
R339	1	SA-2WT682J-LP	METAL OXIDE RESISTOR
R341	1	KA25ST153J	CARBON RESISTOR
R343	1	SA-2WT682J-LP	METAL OXIDE RESISTOR
R345	1	KA25ST153J	CARBON RESISTOR
R347	1	KA25ST123J	CARBON RESISTOR
R349	1	KA25ST272J	CARBON RESISTOR
R351	1	KA25ST102J	CARBON RESISTOR
R353	1	FR25ST471J-LP	FLAME PROOF RESISTOR
R355	1	FR25ST101J-LP	FLAME PROOF RESISTOR
R357	1	KA25ST102J	CARBON RESISTOR
R359	1	FR25ST471J-LP	FLAME PROOF RESISTOR
R361	1	FR25ST101J-LP	FLAME PROOF RESISTOR
R363	1	FR50ST331J-LP	FLAME PROOF RESISTOR
R365,367	2	MPC722R22K2LF	CEMENT RESISTOR
R369,371	2	SA-2WT477J-LP	METAL OXIDE RESISTOR
R373,375	2	FR25ST471J-LP	FLAME PROOF RESISTOR
R377,379	2	FR25ST470J-LP	FLAME PROOF RESISTOR
R381	1	KA25ST101J	CARBON RESISTOR
R383,385, 387,389	4	FR50ST477J-LP	FLAME PROOF RESISTOR
R391	1	KA25ST823J	CARBON RESISTOR
R393	1	KA25ST104J	CARBON RESISTOR
<b>COILS</b>			
L301	1	104001	AIR-CORE COIL
<b>MISCELLANEOUS</b>			
IW 1	1	007S240011-C-1	SOLDER-PLATED WIRE
IW28	2	GT-M01W01	GLASS TUBE
2M28	2	SH-1230-1	HEAT SINK
6M 2	2	TSB+30X10-Y	TAP SCREW S, BIND HEAD, Y
7M26	2	24WX0830-05-Y	PLAIN WASHER, Y
8E13	2	AC-261	MICA
8E17	1	171825-2	MICRO PLUG
8E19	2	171025-3	MICRO PLUG
8E21	2	RP-001	TERMINAL PIN
8E29	51	SE-T05	JUMP WIRE
JP201	1	W-00608	CONNECTOR
TP201	1	W0-2	TERMINAL PIN
TP203	1	IPS-1136	TERMINAL PIN

R CH POWER AMP PCB ASS'Y

REF. NO.	Q'TY	PART NO.	DESCRIPTION
<b>P.C. BOARD</b>			
RE24	1	MAR-593C	PRINTED CIRCUIT BOARD
<b>SEMICONDUCTORS</b>			
0202,204, 206,208, 210,212, 302,304, 306,308, 310,312, 314,316	14	1S1588	DIODE
0318	1	1S5144	DIODE
0320	1	1S1588	DIODE
0322	1	1S5144	DIODE
0324,326, 328	3	1S1588	DIODE
0334,336	2	1N4003	DIODE
Q202,204, 208,210, 212,214, 218	7	2SC2240-BL	TRANSISTOR
Q302	1	2SA1370-E,F	TRANSISTOR
Q304,306	2	2SC3467-E,F	TRANSISTOR
Q308	1	2SA1370-E,F	TRANSISTOR
Q310	1	2SC3281-R+O	TRANSISTOR
Q312	1	2SA1302-R+O	TRANSISTOR
Q322	1	2SC2240-BL	TRANSISTOR
Q326	1	2SB631K-E,F	TRANSISTOR
Q328	1	2SD000K-E,F	TRANSISTOR
Q336	1	2SC3467-E,F	TRANSISTOR
Q206,216, 220,324, 338	5	2SA970-BL	TRANSISTOR
Z0202,204	2	RD24E-B2	ZENER DIODE,1/2W,24V
Z0302,304	2	RD13E-B1	DIODE
Z0306,308	2	RD6.8E-B2	ZENER DIODE,1/2W,6.8V

REF. NO.	Q'TY	PART NO.	DESCRIPTION
<b>CAPACITORS</b>			
C204	1	LL-25TW100M	LOW LEAK. ELECTROLYTIC CAP.
C206	1	HE90SJSL471K	CERAMIC CAPACITOR
C208	1	NS-10TW221M	ELECTROLYTIC CAPACITOR
C210	1	ECQV1H104JZ	METALLIZED FILM CAPACITOR
C212	1	HE90SJSL371K	CERAMIC CAPACITOR
C214	1	NS-16TW101M	ELECTROLYTIC CAPACITOR
C216+218	2	NS-50TW2R2M	ELECTROLYTIC CAPACITOR
C220+222	2	NS-25TW470M	ELECTROLYTIC CAPACITOR
C224	1	NS-50TW1R0M	ELECTROLYTIC CAPACITOR
C226	1	HM60SJSL680K	CERAMIC CAPACITOR
C302+304	2	NS100TW4R7M	ELECTROLYTIC CAPACITOR
C306	1	HM60SJS5H220K	CERAMIC CAPACITOR
C308+310	2	HE40SJO102M	CERAMIC CAPACITOR
C312	1	NS-16TW100M	ELECTROLYTIC CAPACITOR
C314	1	NS-50TW1R0M	ELECTROLYTIC CAPACITOR
C316+318	2	HE60SJSL151K	CERAMIC CAPACITOR
C320+322	2	HE40SJSL470K	CERAMIC CAPACITOR
C324	1	MY100VS473K	MYLAR CAPACITOR
C330+332	2	ECQV1H104JZ	METALLIZED FILM CAPACITOR
C334+336	2	HE90SJSL471K	CERAMIC CAPACITOR
C338	1	ECQV1H104JZ	METALLIZED FILM CAPACITOR
C340+342	2	HE80SJSL331K	CERAMIC CAPACITOR
<b>RESISTORS</b>			
R202	1	KA25ST104J	CARBON RESISTOR
R204	1	KA25ST223J	CARBON RESISTOR
R206	1	KA25ST471J	CARBON RESISTOR
R208+210	2	KA25ST561J	CARBON RESISTOR
R212	1	KA25ST182J	CARBON RESISTOR
R214	1	KA25ST102J	CARBON RESISTOR
R216	1	KA25ST911J	CARBON RESISTOR
R218	1	KA25ST102J	CARBON RESISTOR
R220	1	KA25ST331J	CARBON RESISTOR
R222	1	KA25ST333J	CARBON RESISTOR
R224	1	KA25ST103J	CARBON RESISTOR
R226	1	SA-1WT562J-LP	METAL OXIDE RESISTOR
R228	1	KA25ST102J	CARBON RESISTOR
R230+232	2	KA25ST221J	CARBON RESISTOR
R234	1	KA25ST692J	CARBON RESISTOR
R236+238	2	KA25ST472J	CARBON RESISTOR
R240	1	KA25ST471J	CARBON RESISTOR
R242	1	FR50ST103J-LP	FLAME PROOF RESISTOR
R244	1	KA25ST071J	CARBON RESISTOR
R246	1	KA25ST102J	CARBON RESISTOR
R248	1	KA25ST104J	CARBON RESISTOR
R250	1	KA25ST471J	CARBON RESISTOR
R252	1	FR50ST103J-LP	FLAME PROOF RESISTOR
R254	1	KA25ST821J	CARBON RESISTOR
R256	1	KA25ST102J	CARBON RESISTOR
R258+260	2	KA25ST104J	CARBON RESISTOR
R262	1	KA25ST223J	CARBON RESISTOR
R264	1	FR25ST330J-LP	FLAME PROOF RESISTOR
R266+270	2	KA25ST102J	CARBON RESISTOR
R272	1	KA25ST272J	CARBON RESISTOR
R274	1	FR25ST222J-LP	FLAME PROOF RESISTOR
R302	1	FR25ST331J-LP	FLAME PROOF RESISTOR
R304	1	FR25ST470J-LP	FLAME PROOF RESISTOR
R306	1	FR25ST151J-LP	FLAME PROOF RESISTOR
R308	1	FR25ST272J-LP	FLAME PROOF RESISTOR
R310	1	KA25ST272J	CARBON RESISTOR
R312	1	KA25ST333J	CARBON RESISTOR
R314	1	KA25ST103J	CARBON RESISTOR
R316	1	KA25ST333J	CARBON RESISTOR
R318	1	KA25ST184J	CARBON RESISTOR
R320	1	KA25ST333J	CARBON RESISTOR
R322	1	KA25ST561J	CARBON RESISTOR
R324	1	KA25ST333J	CARBON RESISTOR
R326+328	2	FR25ST102J-LP	FLAME PROOF RESISTOR
R330	1	FR25ST680J-LP	FLAME PROOF RESISTOR
R332	1	FR25ST102J-LP	FLAME PROOF RESISTOR
R334	1	FR25ST690J-LP	FLAME PROOF RESISTOR
R336+338	2	SA-2WT123J-LP	METAL OXIDE RESISTOR
R340	1	SA-2WT682J-LP	METAL OXIDE RESISTOR
R342	1	KA25ST153J	CARBON RESISTOR
R344	1	SA-2WT682J-LP	METAL OXIDE RESISTOR
R346	1	KA25ST153J	CARBON RESISTOR
R348	1	KA25ST123J	CARBON RESISTOR
R350	1	KA25ST272J	CARBON RESISTOR
R352	1	KA25ST102J	CARBON RESISTOR
R354	1	FR25ST471J-LP	FLAME PROOF RESISTOR
R356	1	FR25ST101J-LP	FLAME PROOF RESISTOR
R358	1	KA25ST102J	CARBON RESISTOR
R360	1	FR25ST471J-LP	FLAME PROOF RESISTOR
R362	1	FR25ST101J-LP	FLAME PROOF RESISTOR
R364	1	FR50ST331J-LP	FLAME PROOF RESISTOR
R366+368	2	MPC722R22KX2LF	CEMENT RESISTOR
R370+372	2	SA-2WT4R7J-LP	METAL OXIDE RESISTOR
R374+376	2	FR25ST471J-LP	FLAME PROOF RESISTOR
R378+380	2	FR25ST470J-LP	FLAME PROOF RESISTOR
R382	1	KA25ST101J	CARBON RESISTOR
R384+386	4	FR50ST4R7J-LP	FLAME PROOF RESISTOR
R388+390	1	KA25ST823J	CARBON RESISTOR
R392	1	KA25ST104J	CARBON RESISTOR
R394	1	KA25ST104J	CARBON RESISTOR
SVR202	1	SVR-09T38103	SEMI-VARIABLE RESISTOR
SVR302	1	SVR-09T38102	SEMI-VARIABLE RESISTOR
<b>COILS</b>			
L302	1	104001	AIR-CORE COIL

REF. NO.	Q'TY	PART NO.	DESCRIPTION
<b>MISCELLANEOUS</b>			
1W 2	1	0075240011-C-I	SOLDER-PLATED WIRE
1W 4	1	0075240N30-C-I	SOLDER-PLATED WIRE
2M27	2	SH-1230-1	HEAT SINK
6M 1	2	TS8+30X10-Y	TAP SCREW S, BIND HEAD, Y
7M25	2	2AWX0830-05-Y	PLAIN WASHER, Y
4E14	2	AC-261	MICA
4E18	2	171825-2	MICRO PLUG
4E20	2	171825-3	MICRO PLUG
4E22	1	RP-001	TERMINAL PIN
4E30	54	5E-T05	JUMP WIRE
JP202	1	W-D0608	CONNECTOR
TP202	1	WD-2	TERMINAL PIN
TP204	1	1PS-1136	TERMINAL PIN

POWER SUPPLY/PROTECT PCB ASS'Y

REF. NO.	Q'TY	PART NO.	DESCRIPTION
<b>P.C. BOARD</b>			
2E11	1	PS-5940	PRINTED CIRCUIT BOARD
<b>SEMICONDUCTORS</b>			
D401	1	155144	DIODE
D402	1	1W4003	DIODE
D403	1	184842	DIODE
Q401~403	3	25C2240-GR,BL	TRANSISTOR
IC401	1	NJM78M18A	IC
IC402	1	NJM79M18A	IC
IC403	1	TA7317P	IC
<b>CAPACITORS</b>			
C401+402	2	NS-10TW470M-KF	ELECTROLYTIC CAPACITOR
C403	1	NS-10TW220M-KF	ELECTROLYTIC CAPACITOR
C404	1	NS-50TW4R7M-KF	ELECTROLYTIC CAPACITOR
C405	1	MY-50VU102K-KF	MYLAR CAPACITOR
C406+407	2	ECQV1H104JZ-KF	METALLIZED FILM CAPACITOR
C408+409	2	NS-50TW331M-KF	ELECTROLYTIC CAPACITOR
C410	1	MS100TW1R0M-KF	ELECTROLYTIC CAPACITOR
C411+412	2	BC0A103M180EE3	ELECTROLYTIC CAPACITOR
C413+414	2	BC80103MC80EE4	ELECTROLYTIC CAPACITOR
<b>RESISTORS</b>			
R401~404	4	KA25ST563J	CARBON RESISTOR
R405	1	KA25ST224J	CARBON RESISTOR
R406	1	KA25ST473J	CARBON RESISTOR
R407	1	KA25ST563J	CARBON RESISTOR
R408	1	KA25ST333J	CARBON RESISTOR
R409~411	3	KA25ST223J	CARBON RESISTOR
R412	1	KA25ST183J	CARBON RESISTOR
R413	1	SA-2WT471J-LP	METAL OXIDE RESISTOR
R414	1	KA25ST823J	CARBON RESISTOR
R415	1	KA25ST473J	CARBON RESISTOR
R416	1	SA-1WT123J-LP	METAL OXIDE RESISTOR
R417	1	KA25ST622J	CARBON RESISTOR
R418	1	KA25ST154J	CARBON RESISTOR
R419	1	KA25ST223J	CARBON RESISTOR
R420	1	KA50XT272J	CARBON RESISTOR
R421+422	2	KA25ST332J	CARBON RESISTOR
<b>MISCELLANEOUS</b>			
1W 5	1	0075240804-J-J	SOLDER-PLATED WIRE
1W 9	2	007Y180B25-C-C	SOLDER-PLATED WIRE
1W10	1	007Y180R27-C-E	TWISTED WIRE
1W11	1	007Y180W27-C-E	TWISTED WIRE
1W14	2	4685248B15-J-Z	8-LEAD, FLAT CABLE
5M 9	2	TS8+30X08-B	TAP SCREW S, BIND HEAD, B
JP401	1	W-D0604	CONNECTOR
RL401+402	2	PXS-2405U	RELAY
10E 3	3	RP-001	TERMINAL PIN
10E 5	2	SE-25-BSB	HEAT SINK
10E12	1	171825-3	MICRO PLUG
10E17	11	5E-T05	JUMP WIRE
10E19	1	YKD31-0212	SOCKET 4P (S.P)
PTC601+602	2	RDE185A	P.T.C



FUSE PCB ASS'Y

REF. NO.	Q'TY	PART NO.	DESCRIPTION
<u>P.C. BOARD</u>			
2E12	1	FU-594D	PRINTED CIRCUIT BOARD
<u>SEMICONDUCTORS</u>			
D601	1	MU252	DIODE
D602	1	89-64-LF	DIODE
<u>MISCELLANEOUS</u>			
F601-604	4	FU-621034T	FUSE
F605,606	2	FU-621024T	FUSE
2M10	1	N44234B	HEAT SINK
7M18	1	TSB+40X16-Y	TAP SCREW S, BIND HEAD, Y
11C 1	12	S-N5051	FUSE HOLDER
11E 9	2	1MSA-1068-06D	MINI TERMINAL PLATE
11E10	2	1MSA-1068-02D	MINI TERMINAL PLATE
11E11	1	WB-3	TERMINAL PIN
11E12	1	WB-4	TERMINAL PIN
11E13	2	5E-T05	JUMP WIRE

PRIMARY FUSE PCB ASS'Y

REF. NO.	Q'TY	PART NO.	DESCRIPTION
<u>P.C. BOARD</u>			
2E13	1	PFU-594D	PRINTED CIRCUIT BOARD
<u>CAPACITORS</u>			
C501	1	ECQU1A103MH	METALLIZED FILM CAPACITOR
<u>MISCELLANEOUS</u>			
F501	1	FU-621034T-C	FUSE
10E23	2	S-N5051	FUSE HOLDER
10E25	2	WC-3	TERMINAL PIN

INDICATORS PCB ASS'Y

REF. NO.	Q'TY	PART NO.	DESCRIPTION
<u>P.C. BOARD</u>			
2E14	1	LED-594D	PRINTED CIRCUIT BOARD
<u>SEMICONDUCTORS</u>			
L0801	1	SLR-34VC5F	LED
L0802	1	SLR-34VC5F	LED
<u>MISCELLANEOUS</u>			
IW15	1	468S263331-J-J	3-LEAD, FLAT CABLE
IW16	1	468S263314-J-J	3-LEAD, FLAT CABLE
JP801	1	MC03-538	MICRO SOCKET ASS'Y
JP802	1	MC02-539	MICRO SOCKET ASS'Y

POWER INDICATOR PCB ASS'Y

REF. NO.	Q'TY	PART NO.	DESCRIPTION
<u>P.C. BOARD</u>			
2E15	1	LD-594D	PRINTED CIRCUIT BOARD
<u>SEMICONDUCTORS</u>			
L0804	1	SLP246B	LED

INDICATOR PCB ASS'Y

REF. NO.	Q'TY	PART NO.	DESCRIPTION
<u>P.C. BOARD</u>			
2E16	1	PLD-594D	PRINTED CIRCUIT BOARD
<u>SEMICONDUCTORS</u>			
L0701	1	SLP146B	LED

INPUT VOLUME PCB ASS'Y

REF. NO.	Q'TY	PART NO.	DESCRIPTION
<u>P.C. BOARD</u>			
11E16	1	VR-692	PRINTED CIRCUIT BOARD
<u>CAPACITORS</u>			
C901,902	2	NP-25TW100M	ELECTROLYTIC CAPACITOR
C903	1	LL-25TW4R7M	LOW LEAK. ELECTROLYTIC CAP.
<u>RESISTORS</u>			
VR901,902	2	VBV16-502810K6	ROTARY POTENTIOMETER
<u>MISCELLANEOUS</u>			
2M14	1	N44964	GND PLATE
11E19	1	171R26-6	MICRO PLUG
11E27	2	5E-T05	JUMP WIRE

INPUT PCB ASS'Y

REF. NO.	Q'TY	PART NO.	DESCRIPTION
<u>P.C. BOARD</u>			
11E17	1	SW-692	PRINTED CIRCUIT BOARD
<u>SEMICONDUCTORS</u>			
Q101	1	2SC2240-GR	TRANSISTOR
Q102	1	2SA970-GR	TRANSISTOR
IC101,102	2	NJM20430D	IC
<u>CAPACITORS</u>			
C101-104	4	ECQV1H684JZ-KF	METALLIZED FILM CAPACITOR
C105,106	2	MY-50VU102J	MYLAR CAPACITOR
C107,108	2	HE125J5L821J	CERAMIC CAPACITOR
C109,110	2	LL-25TW100M	LOW LEAK. ELECTROLYTIC CAP.
C111-114	4	HE70SJYF103Z	CERAMIC CAPACITOR
C115,116	2	NS-10TW101M	ELECTROLYTIC CAPACITOR
C117-119	3	HE50SJS101K	CERAMIC CAPACITOR
C120	1	LL-25TW4R7M	LOW LEAK. ELECTROLYTIC CAP.
C121,122	2	HE50SJS101K	CERAMIC CAPACITOR
C123,124	2	NS-25TW470M	ELECTROLYTIC CAPACITOR
<u>RESISTORS</u>			
R101,102	2	KA255T224J	CARBON RESISTOR
R103,104	2	KA255T103J	CARBON RESISTOR
R105,106	2	KA255T393J	CARBON RESISTOR
R107-110	4	KA255T222J	CARBON RESISTOR
R111,112	2	KA255T104J	CARBON RESISTOR
R113,114	2	KA255T101J	CARBON RESISTOR
R115,116	2	KA255T104J	CARBON RESISTOR
R117-122	6	KA255T102J	CARBON RESISTOR
R123,124	2	KA255T681J	CARBON RESISTOR
R125,127,128	3	KA255T101J	CARBON RESISTOR
R129	1	KA255T102J	CARBON RESISTOR
R130,131	2	KA255T222J	CARBON RESISTOR
<u>SWITCHES</u>			
S101,102	2	S58022	SLIDE SWITCH
<u>MISCELLANEOUS</u>			
IE 5	2	YKC21-0069	RCA JACK 2P
IE24	8	5E-T05	JUMP WIRE
1W 3	1	007S240810-C-D	SOLDER-PLATED WIRE
1W13	1	468S244808-J-Z	4-LEAD, FLAT CABLE
8M 6	1	2AE-03	LUG
JP101,102	2	MC02-533	MICRO SOCKET ASS'Y
JP103	1	MC03-377	MICRO SOCKET ASS'Y
JP104	1	MC03-379	MICRO SOCKET ASS'Y
JP105	1	MC06-534	MICRO SOCKET ASS'Y
JP402	1	MC03-537	MICRO SOCKET ASS'Y
JP403	1	MC03-535	MICRO SOCKET ASS'Y
12E11	1	BK-1	CORD CLAMP

P.C. BOARD ASS'Y

REF. NO.	Q'TY	PART NO.	DESCRIPTION
2P11	1	48A1P02A-1	POWER SUPPLY/PROTECT PCB ASS'Y
2P12	1	48A1P02A-2	FUSE PCB ASS'Y
2P13	1	48A1P02A-3	PRIMARY FUSE PCB ASS'Y
2P14	1	48A1P02A-4	INDICATORS PCB ASS'Y
2P15	1	48A1P02A-5	INDICATOR PCB ASS'Y
2P16	1	48A1P02A-6	POWER INDICATOR PCB ASS'Y
RP23	1	48A1P01A-1	L CH POWER AMP PCB ASS'Y
RP24	1	48A1P01A-2	R CH POWER AMP PCB ASS'Y
11P16	1	48A1P03A-1	INPUT VOLUME PCB ASS'Y
11P17	1	48A1P03A-2	INPUT PCB ASS'Y

EXPLODED VIEW

REF. NO.	Q'TY	PART NO.	DESCRIPTION
<u>SEMICONDUCTORS</u>			
Q329-332	4	D6K20	DIODE
Q313,314	2	2SC3281-R,0	TRANSISTOR
Q315,316	2	2SA1302-R,0	TRANSISTOR
Q317,318	2	2SC3281-R,0	TRANSISTOR
Q319,320,324,330	4	2SA1302-R,0	TRANSISTOR
Q331,332	2	2SC3281-R,0	TRANSISTOR
Q333,334	2	2SC1953-R,5	TRANSISTOR
<u>COILS</u>			
12E 1	1	NPT-22745	POWER TRANSFORMER
<u>SWITCHES</u>			
S001	1	ESB-99713V	POWER SWITCH
S002	1	SW-5220179	SWITCH
<u>MISCELLANEOUS</u>			
1M 1.	1	N21460-1A	FRONT PANEL
1M 3.	1	N21461A-1A	FRONT SUB PANEL
1M 6	1	62-3480-0-0	BUTTON FRAME
1M 7	1	62-1111-1-0	PUSH BUTTON
1M 8.	2	N44882	LED CHIP
1M11	2	KNB0448-0226	KNOB 18 (POTENTIOMETER)

REF. NO.	QTY	PART NO.	DESCRIPTION
1M16	1	N21462-1	REAR PANEL
1M18	1	N21463	CABINET
1M19	1	N21464	BOTTOM BOARD
1M21	1	N44236	LOCK PLATE
1M26	4	NO.7103-UL	FOOT
2E29	12	AC-261	MICA
2M 1	1	N21465	FRONT BOTTOM CHASSIS
2M 2	1	N308110	SUPPORT CHASSIS (P.T.)
2M 3	1	N30956	FRONT SUB CHASSIS L
2M 4	1	N30957	FRONT SUB CHASSIS R
2M 5	2	N30958	SIDE CHASSIS
2M 6	2	N30812A	CENTER CHASSIS
2M 8	1	N44232	FITTINGS R (HEAT SINK)
2M 9	1	N44233	FITTINGS L (HEAT SINK)
2M11	2	N44235	FITTINGS (THERMAL RELAY)
2M16	1	N44336	SHIELD COVER
2M17	1	N44966	CUSHION (P.T.)
2M18	1	N44967-35	CABINET MAT
2M20	2	N44996	SPACER
2M21	1	N44931	SPACER
2M22	1	N44997	SHIELD CUSHION
2M26	2	N21240	HEAT SINK
3M13	1	N44043-1	LABEL, SA1965(LIGHTNING FLASH)
3M14	2	N44525	LABEL, FUSE
3M21-M23	5	SL.1024	LABEL, SERIAL NO.
4M 1	3	T5B+26X05-B	TAP SCREW S, BIND HEAD, B
4M 4	1	T5B+30X05-N	TAP SCREW S, BIND HEAD, N
4M 6-M10, M14, M15, M18, M19	18	T5B+30X06-Y	TAP SCREW S, BIND HEAD, Y
4M21-M25	12	T5B+30X06-B	TAP SCREW S, BIND HEAD, B
4M30	1	T5C+30X06-N	TAP SCREW S, WASHER FACED, N
5M 2-M 8	14	T5B+30X08-B	TAP SCREW S, BIND HEAD, B
5M16-M24	12	T5C+30X08-Y	TAP SCREW S, WASHER FACED, Y
5M26-M27	4	T5S+30X08-Y	TAP SCREW S, FLAT HEAD, Y
6M 5	2	T8B+26X08-B	TAP SCREW B, BIND HEAD, B
6M 6-M 9	9	T8B+30X08-Y	TAP SCREW B, BIND HEAD, Y
6M16-M21	20	T8B+30X12-Y	TAP SCREW B, BIND HEAD, Y
6M26-M30	7	T8P+30X08-B	TAP SCREW P, ROUND HEAD, B
7M 6-M 9	6	T5B+40X08-B	TAP SCREW S, BIND HEAD, B
7M14	4	T5T+40X08-Y	TAP SCREW S, TRUSS, Y
7M16	4	T5P+40X12-Y	TAP SCREW S, PAN HEAD, Y

REF. NO.	QTY	PART NO.	DESCRIPTION
7M21	2	2AWX0826-05-B	PLAIN WASHER, B
7M23, M24	12	2AWX0830-05-Y	PLAIN WASHER, Y
7M30	2	2AWX0830-05-B	PLAIN WASHER, B
8M 1	6	2AWX0940-05-B	PLAIN WASHER, B
8M 9	1	2AE-05	LUG
TS301, 302	2	UI2-10005-240A	THERMAL RELAY
12E 2	1	T120ARIU1-3	THERMAL RELAY
12E 3	1	ACC-035D5-9EK1	LINE CORD
12E 4	1	SR-4N-4	CORD STOPPER
12E 8	2	NO.5219	GUSH

**PACKING PARTS**

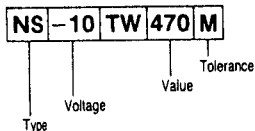
REF. NO.	QTY	PART NO.	DESCRIPTION
<b>MISCELLANEOUS</b>			
3M 1	1	N21476	SHIPPING CARTON
3M 2	1	N21477A	SHIPPING CARTON
3M 3	1	N45011	POLYETHYLENE BAG
3M 4	1	N40487	POLYETHYLENE BAG (ACCESSORIES)
3M 6	2	N21242A	PACKING PAD
3M11	1	UH-674A	INSTRUCTION MANUAL
3M12	1	N44687	CAUTION SHEET, POLARIZED PLUG
3M16	1	NAD-WC2	CARD, WARRANTY REGISTRATION

**OTHER PARTS**

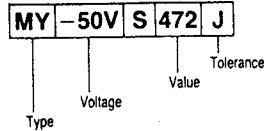
REF. NO.	QTY	PART NO.	DESCRIPTION
<b>MISCELLANEOUS</b>			
1W 6	1	672S220H15-D-E	SOLDER-PLATED WIRE
1W 7	1	672S220W13-D-F	SOLDER-PLATED WIRE
1W17	8	U9-#06R015	UL TYPE TUBE
1W19	3	U9-#09B02	UL TYPE TUBE
1W21	1	GT-M08W05	GLASS TUBE
1W22	1	GT-M10W33	GLASS TUBE
1W26	1	672S220A36-D-E	SOLDER-PLATED WIRE
1W27	1	672S220G30-D-E	SOLDER-PLATED WIRE
12E12	6	BK-1	CORD CLAMP
12E14, E15	8	NO.5167	CORD CLAMP
12E17	1	R164P	CORD BAND

**Capacitors Description**

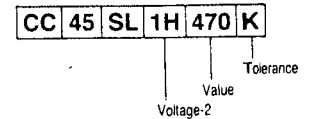
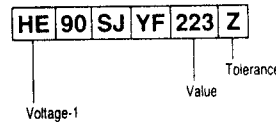
• Electrolytic



• Mylar - Styrol



• Ceramic

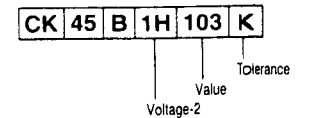


• Electrolytic

Type	Voltage	Value	Tolerance
LL: Low Leak	-10: 10V	R47: 0.47μF	K: ±10%
NP: Non-Pole	-50: 50V	4R7: 4.7μF	M: ±20%
NS: Standard	6R3: 6.3V	470: 47μF	
		471: 470μF	
		472: 4700μF	

• Mylar - Styrol

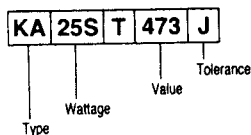
Type	Voltage	Value	Tolerance
MY: Mylar	-25V: 25V	4R7: 4.7pF	G: ±2%
ST: Styrol	125V: 125V	470: 47pF	J: ±5%
	-63T: 63V	471: 470pF	K: ±10%
		472: 4700pF	M: ±20%
		473: 0.047μF	
		474: 0.47μF	
		(1000pF=0.001μF)	



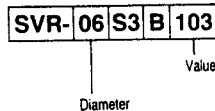
Voltage-1	Voltage-2	Value	Tolerance
HC: 25V	1E: 25V	4R7: 4.7pF	C: ±0.25pF
HE: 50V	1H: 50V	470: 47pF	D: ±0.5pF
H: 100V	2H: 500V	471: 470pF	F: ±1pF
HK: 250V		472: 4700pF	J: ±5%
HM: 500V		473: 0.047μF	K: ±10%
		474: 0.47μF	M: ±20%
		(1000pF=0.001μF)	Z: +80~-20%

**Resistors Description**

• Fixed



• Semi-Variable



Type	Wattage	Value	Tolerance	Diameter
CE: Cement Case	-2W: 2W	R47: 0.47Ω	M: ±20%	08: 8φ
FR: Flame Proof	10W: 10W	4R7: 4.7Ω	K: ±10%	10: 10φ
KA: Carbon	16S: 1/6W	470: 47Ω	J: ±5%	06: 6φ
MF: Metal Film	20S: 1/5W	471: 470Ω	G: ±2%	
RF: Fusible	25S: 1/4W	472: 4.7kΩ	F: ±1%	
SA: Metal Oxide	50S: 1/2W	473: 47kΩ	D: ±0.5%	
	50X: 1/2W	474: 470kΩ		
	S3W: 3W	475: 4.7MΩ		