

TEAC

Preliminary
暫定版

SERVICE MANUAL

A-L700P

Power Amplifier

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NOTES

- PC boards shown are viewed from parts side.
- The parts with no reference number or no parts number in the exploded views are not supplied.
- As regards the resistors and capacitors, refer to the circuit diagrams contained in this manual.
- ⚠ Parts marked with this sign are safety critical components. They must be replaced with identical components - refer to the appropriate parts list and ensure exact replacement.
- Parts of [] mark can be used only with the version designated.
[US]:U.S.A. [E]:EUROPE [UK]:U.K.

1 SPECIFICATIONS

Power outputs 30 W/ch (6 Ω , 0.5 %, 1 kHz)
Input sensitivity 1 V/47 k Ω
Frequency response 20 Hz to 20,000 Hz (+1/-3 dB)

Power requirements AC 230 V, 50 Hz (Europe model)
AC 120 V, 60 Hz (U.S.A./Canada model)

Power consumption..... 45 W (STANDBY : 5 W)

Dimensions (WxHxD)..... 215 x 109 x 339 mm

Weight..... 2.5 kg

Operating temperature 5 °C ~ 40 °C

Operating humidity..... 5 % ~ 90 %

Storage temperature -20 °C ~ 55 °C

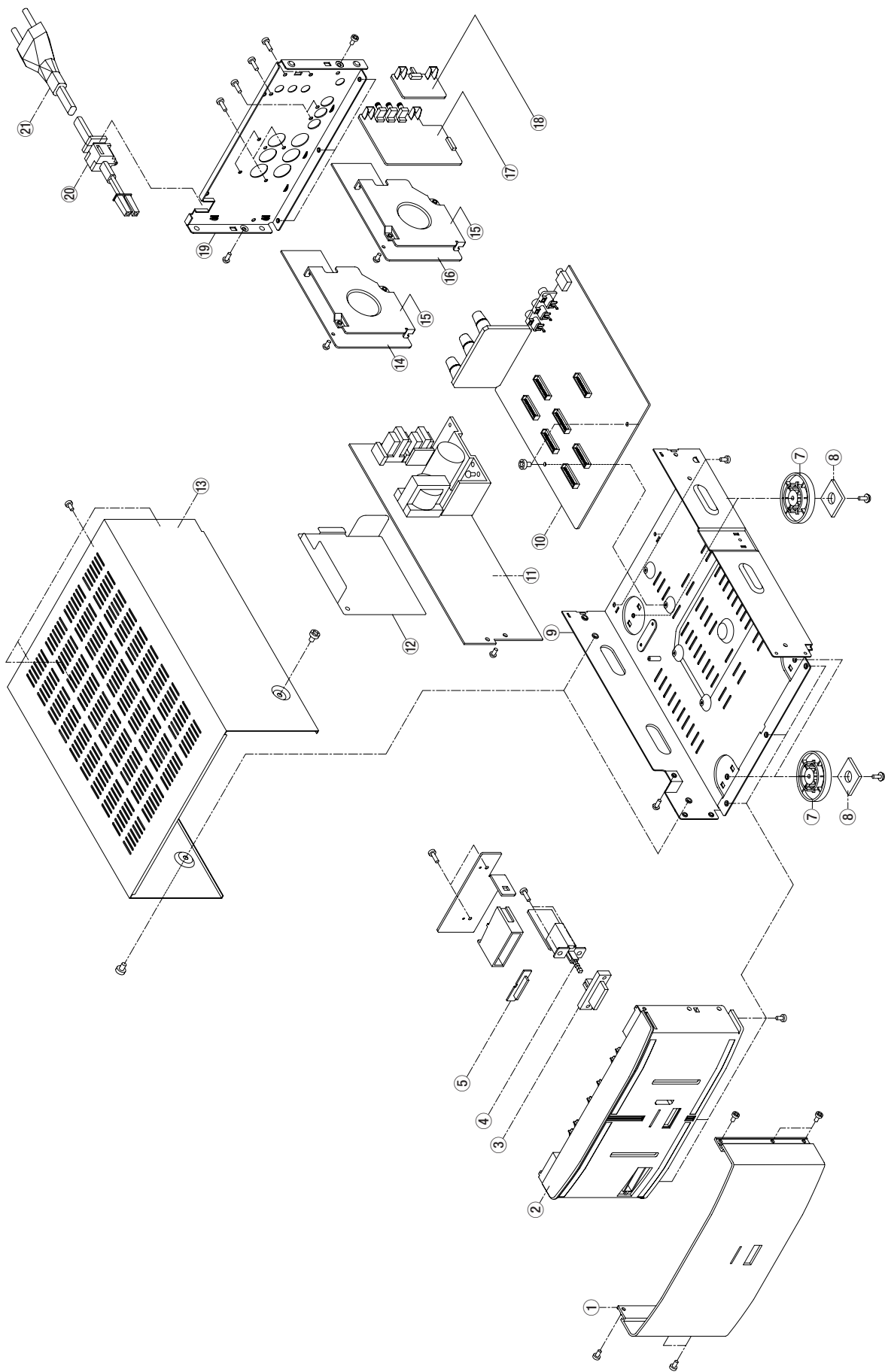
Accessories RCA cable (red/white) x 1
RCA cable (black) x 1
LINK cable x 1

- Design and specifications are subject to change without notice.

2 ADJUSTMENTS



3 EXPLODED VIEWS AND PARTS LIST



EXPLODED VIEW LIST

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
1	9A09610100	PANEL, FRONT	KKM1A125ZC35
2	9A09607100	PANEL, SUB	CGW1A344R6K101
3	9A09606900	KNOB, POWER	CBC1A140M7K101
4	△ 9A09609700	SW, PUSH	HS1A008ZV
5	9A09607000	INDICATOR, POWER	CGL1A202
7	9A09609400	FOOT	HKL1A074Z
8	9A06229300	CUSHION, FOOT	KHG1A039Z
9	9A09608700	CHASSIS, BOTTOM	CUA1A216
10	9A09575110	MAIN PCB ASSY	COP11539B
11	9A09574710	SMPS PCB ASSY [US]	COPDDS140B
	9A09574720	SMPS PCB ASSY [E, UK]	COPDDS140A
12	9A09608100	INSULATOR, SMPS	CMX1A136
13	9A09607700	TOP CABINET	CKC1B131S35
14	9A09574810	AMP PCB ASSY	COP11528B
15	9A09608200	PLATE, HEAT SINK	CMY1A200
16	9A09574810	AMP PCB ASSY	COP11528B
17	9A09575110	MAIN PCB ASSY	COP11539B
18	9A09575110	MAIN PCB ASSY	COP11539B
19	9A09607810	REAR PANEL [US]	CKF1A243X
	9A09607820	REAR PANEL [E, UK]	CKF1A243Z
20	△ 9A06754900	BUSHING, AC CORD	KHR1A028
21	△ 9A07872600	POWER CORD [US]	CJA523FBY
	△ 9A07916700	POWER CORD [E]	CJA2B043Z
	△ 9A07916800	POWER CORD [UK]	CJA2E045Z
	9A09607900	FERRITE, RING	CLZ9W003Z

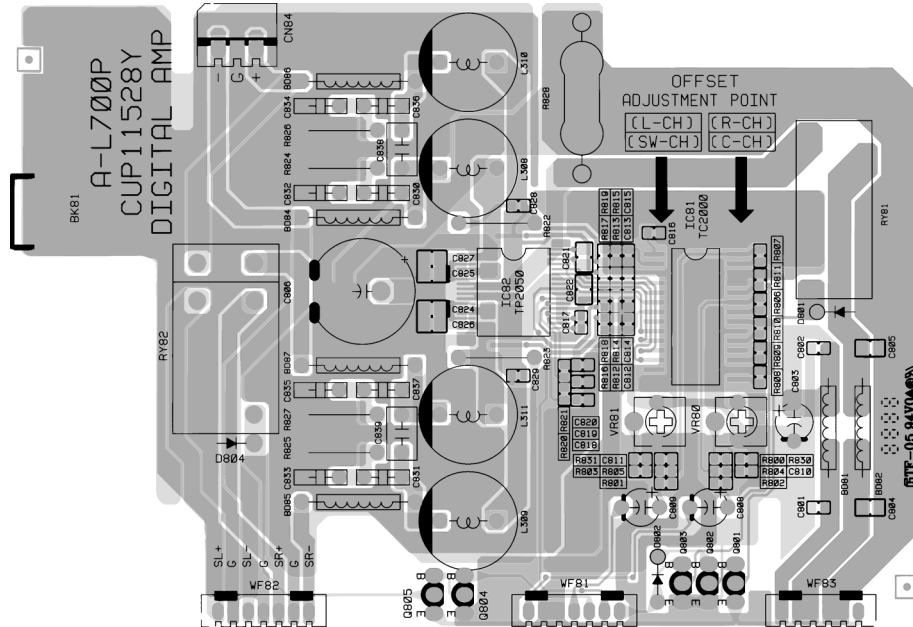
INCLUDED ACCESSORIES

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
	9A09478700	OWNER'S MANUAL, EFSG IN	CQX1A807Z
	9A09607500	CORD, PIN	CJS4M027Z
	9A09607600	CORD, PIN	CJS4N014Z
	9A09610000	CORD (STEREO) MINI	KJS9D001Z

MAIN PCB (GATHER)



AMP PCB



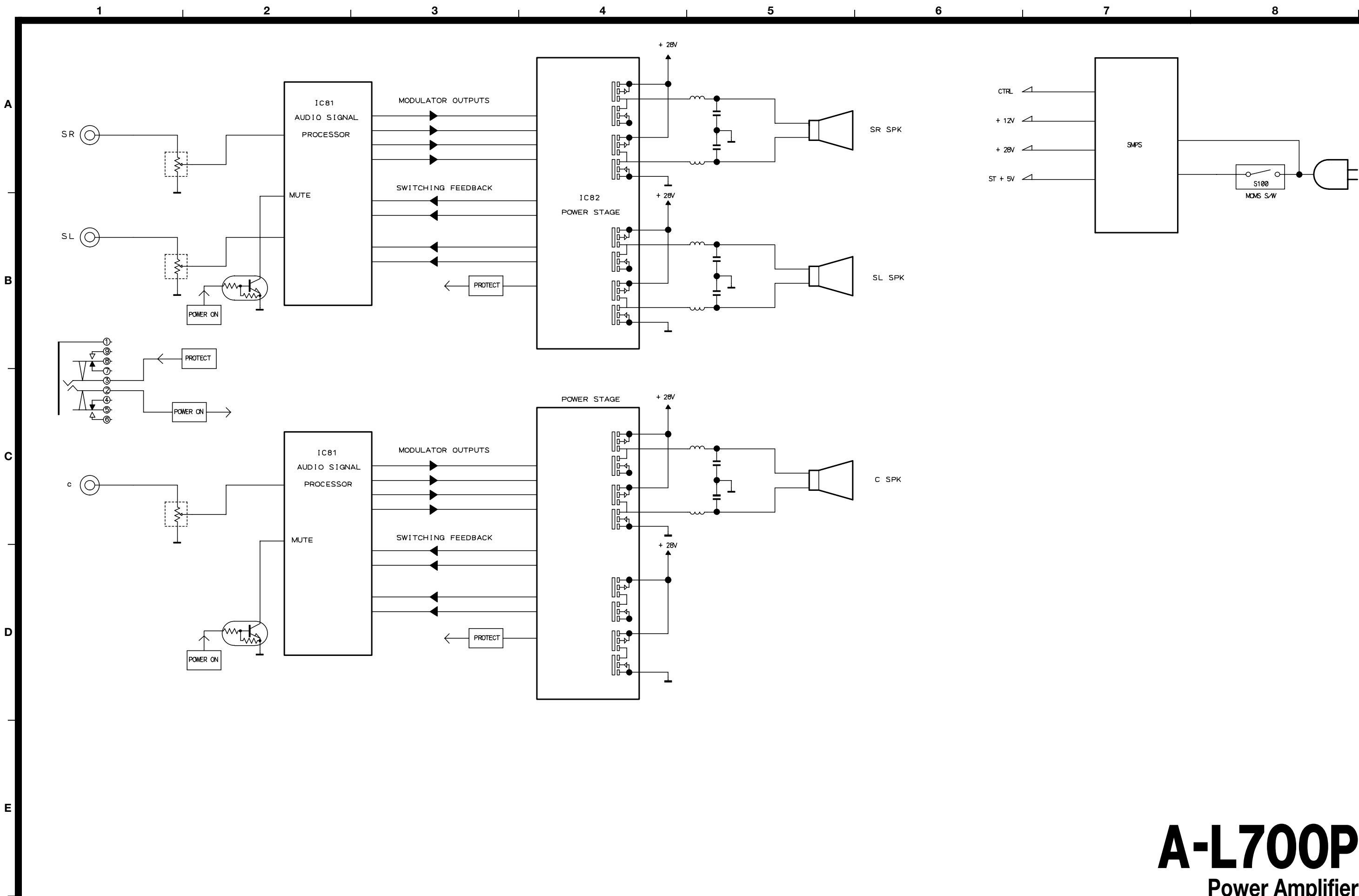
MAIN PCB ASSY (GATHER)

REF. NO.	PARTS NO.	DESCRIPTION
	9A09575110	MAIN PCB ASSY
	9A09608900	PCB, MAIN
	9A09608000	PLATE, EARTH
BK11-BK13	9A09559700	BRACKET, PCB
CN81	9A07889700	WAFER, MOLEX 35336-0610
CN82, CN83	9A07889900	WAFER, MOLEX 35336-0710
CN84	9A07889700	WAFER, MOLEX 35336-0610
CN85, CN86	9A07889900	WAFER, MOLEX 35336-0710
CN87	9A08219800	WAFER
CN91, CN92	9A05356300	WAFER, 04GA19ZM
D201-D204	9A08878200	DIODE, 1SS133T-77
D901	9A09344400	LED, YELLOW
D902	9A09563300	LED, BLUE
IC21	9A08218600	IC, MC7805C
JK31	9A06861800	JACK, HEADPHONE
JK32	9A09607300	JACK, BOARD 3P
JK33	9A09607400	TERMINAL, SP (RR/BB)
JK34	9A09595100	TERMINAL, SP (R/B)
Q201	9A08884100	TR, KRA107M
Q202-Q207	9A08878300	TR, KRC107M
Q901-Q903	9A08878300	TR, KRC107M
R208, R215	9A05338200	R, METAL OXIDE FILM 1W 390
S100	9A09609700	SW, PUSH
S101	9A06675300	SW, SLIDE
VR11-VR13	9A09609900	VR, VOL
WF87	9A08219900	CONNECTOR

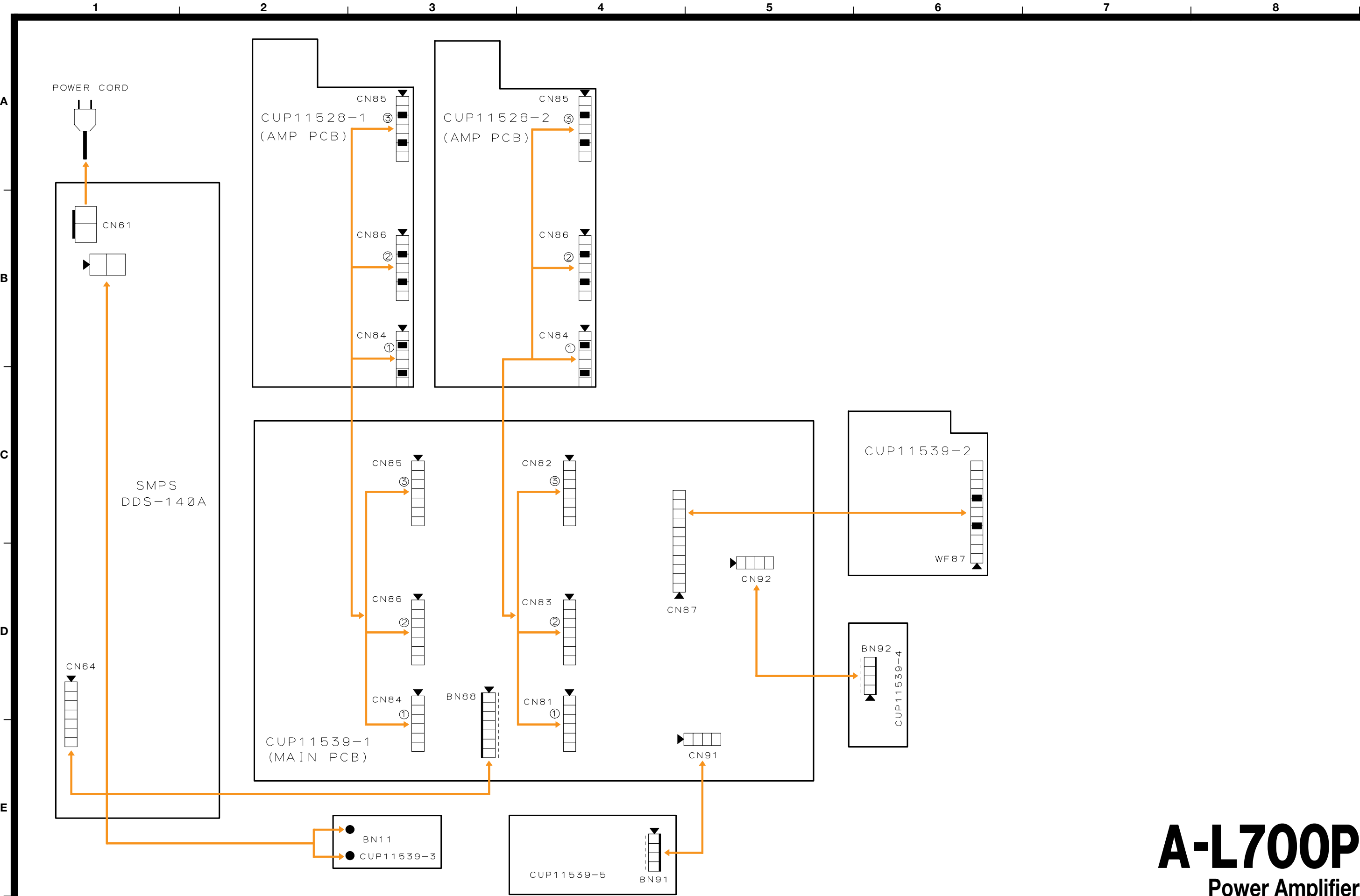
AMP PCB ASSY

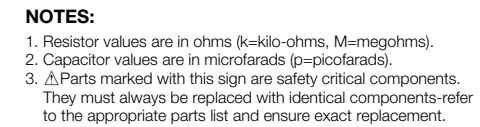
REF. NO.	PARTS NO.	DESCRIPTION
	9A09574810	AMP PCB ASSY
	9A09608800	PCB, AMP
	9A09608200	PLATE, HEAT SINK
BD81, BD82	9A07050600	BEAD, CORE
BD84-BD87	9A07050600	BEAD, CORE
BK81	9A09559700	BRACKET, PCB
CN84	9A05967900	WAFER, MOLEX 5268-03A
D801, D802	9A08878200	DIODE, 1SS133T-77
D804	9A08878200	DIODE, 1SS133T-77
IC81	9A09570400	IC, TC2000
IC82	9A09570600	IC, TP2050
L308-L311	9A09559500	COIL, SPEAKER
Q801	9A08884100	TR, KRA107M
Q802, Q803	9A08878300	TR, KRC107M
Q804	9A09041400	TR, KRC111MT
Q805	9A08884100	TR, KRA107M
R822, R823	9A09571600	R, METAL FILM
R828	9A09571700	R, METAL OXIDE FILM 2W 1K
RY81	9A09569900	RELAY
RY82	9A09058500	RELAY
VR80, VR81	9A09609800	R, SEMI-FIXED 5K
WF81, WF82	9A07890000	CONNECTOR, MOLEX 35237-0710
WF83	9A07889800	CONNECTOR, MOLEX 35237-0610

TEAC BLOCK DIAGRAM A-L700P

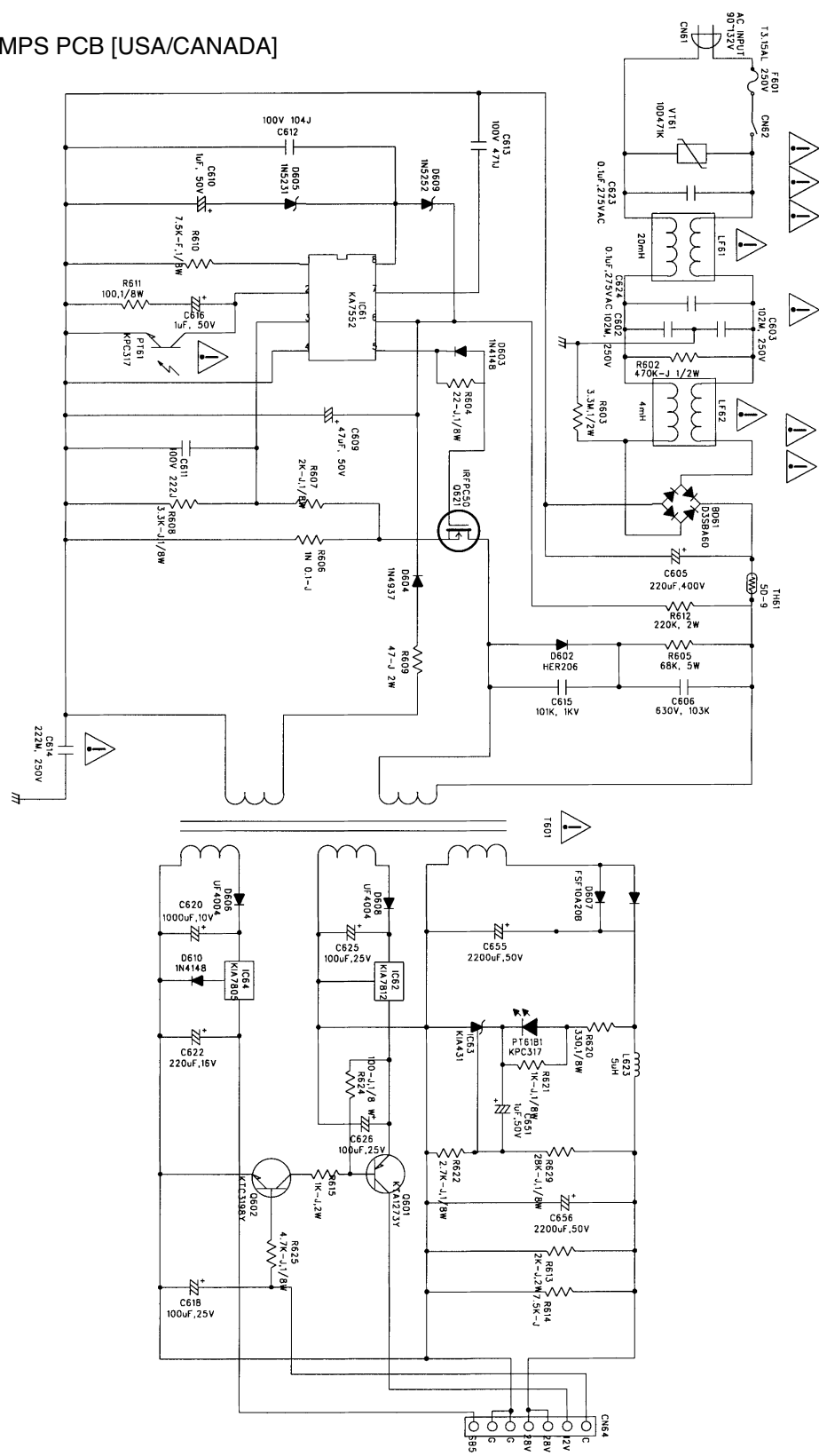


TEAC WIRING DIAGRAM **A-L700P**

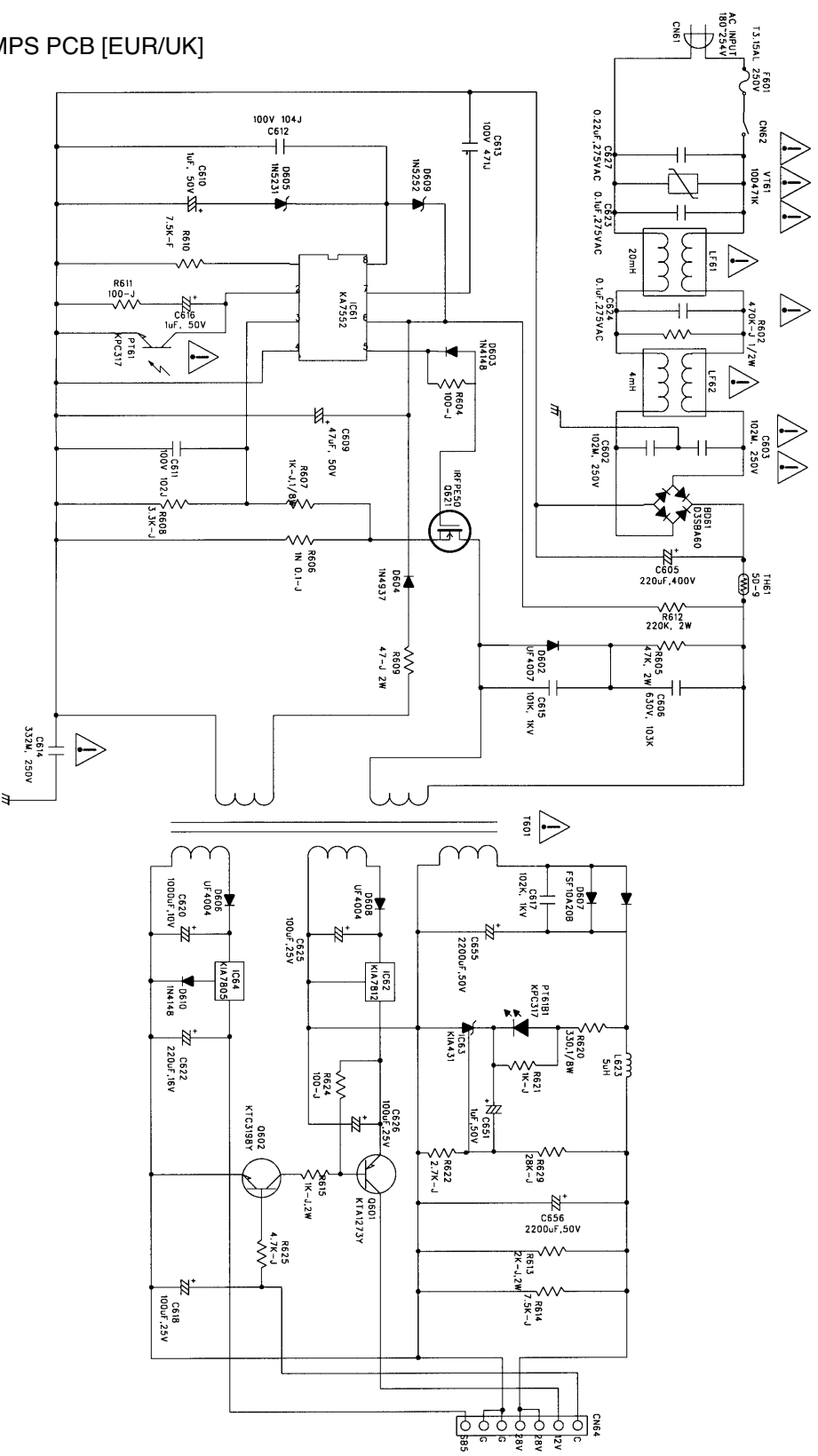




SMPS PCB [USA/CANADA]



SMPS PCB [EUR/UK]



INSTRUCTIONS FOR SERVICE PERSONNEL
BEFORE RETURNING APPLIANCE TO THE CUSTOMER, MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT.

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