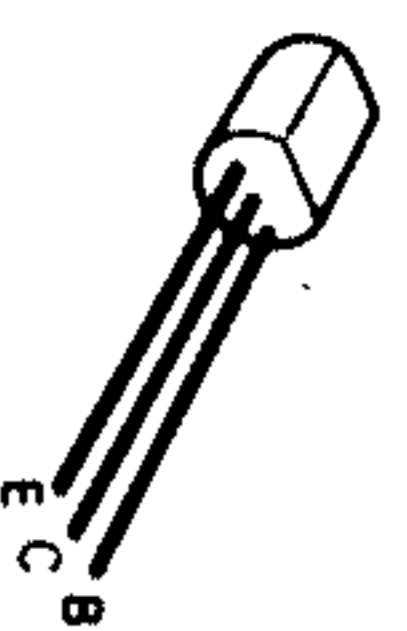
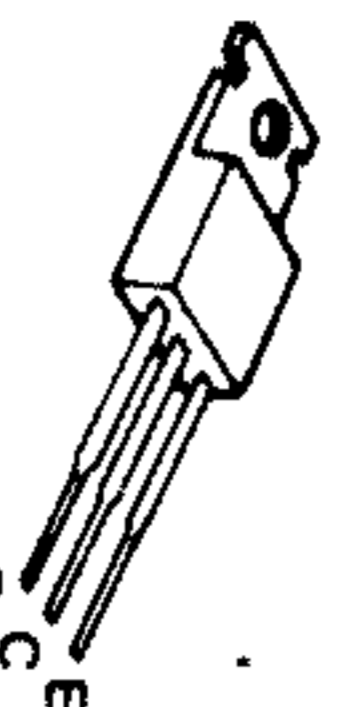


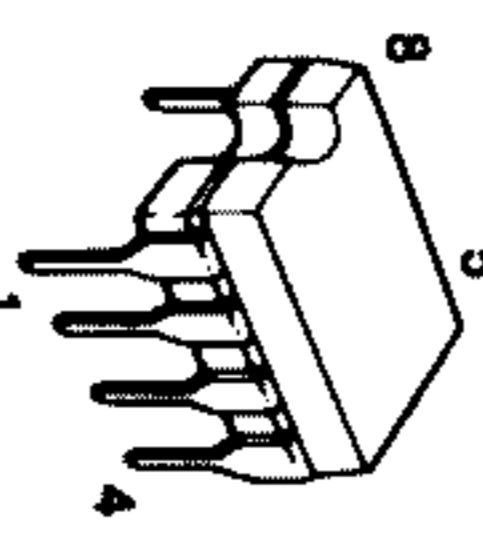
2SA912 2SC945
 2SA921 2SC1845
 2SA954 2SC1885
 2SA992 2SC2003
 2SC2320



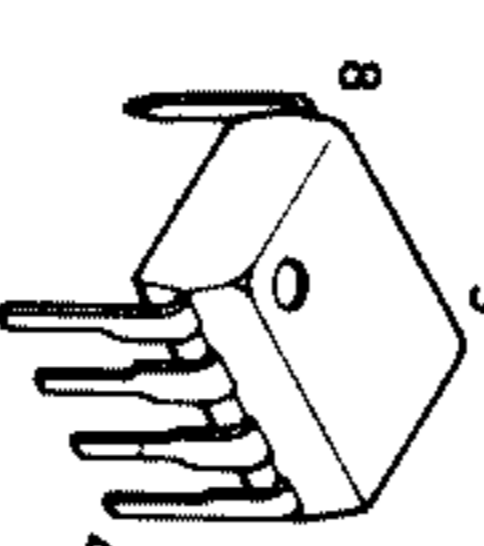
2SD613*1
 2SD743



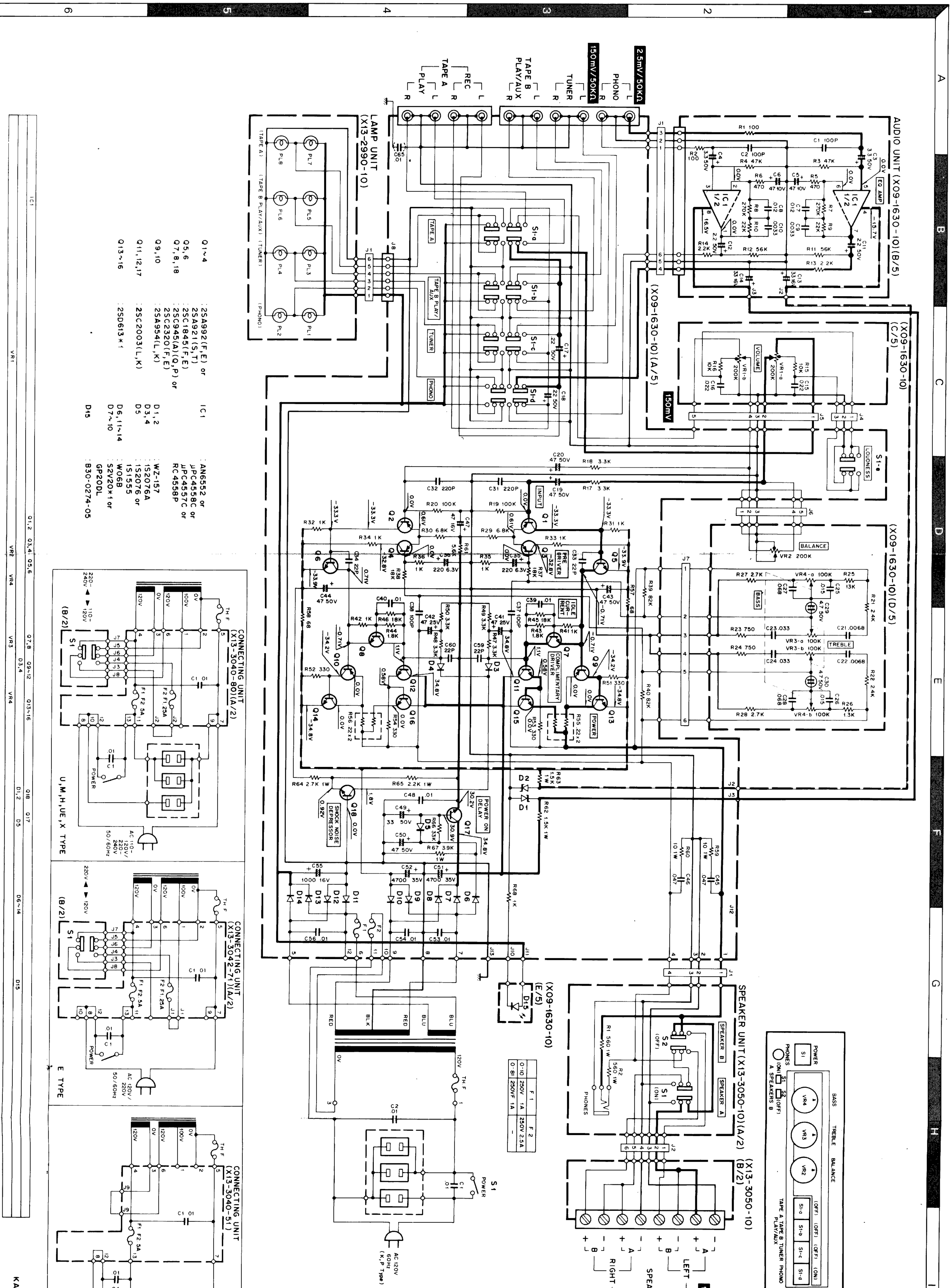
AN6552



RC4558P
 JPC4557C
 JPC4558C



Semiconductor Substitutions	
Name	Substitutions
2SA954(L,K)	2SA912
2SA992(F,E)	2SA921(S,T) 2SC945(A)(Q,P)
2SC1845(F,E)	2SC2003
2SC2003(L,K)	2SC1885
2SD613	2SD743
AN6552	JPC4558C JPC4557C RC4558P

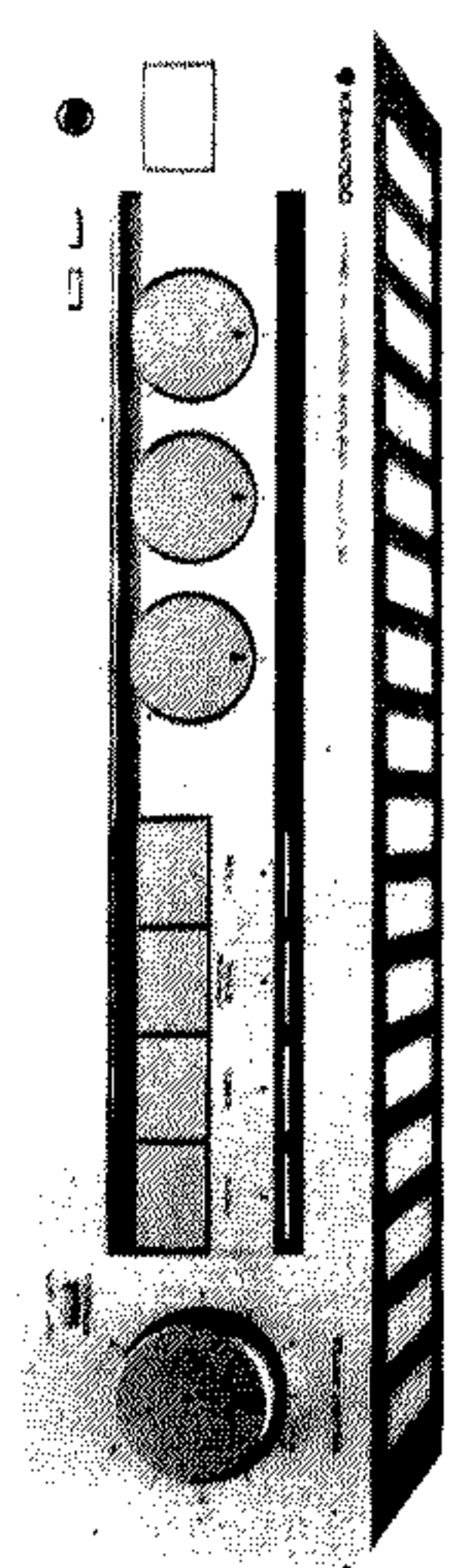


IC1	IC2
01~4 05,6 07,8,18 09,10 011,12,17 013~16	01~4 05,6 07,8,18 09,10 011,12,17 013~16
2SA992(F,E) or 2SA921(S,T) 2SC1845(F,E) 2SC945(A)(Q,P) or 2SC2320(F,E) 2SA954(L,K)	2SA992(F,E) or 2SA921(S,T) 2SC1845(F,E) 2SC945(A)(Q,P) or 2SC2320(F,E) 2SA954(L,K)
AN6552 or JPC4558C or JPC4557C or RC4558P	AN6552 or JPC4558C or JPC4557C or RC4558P
WZ-157 S2076 S1555 W06B S2V20K1 or GP20DL	WZ-157 S2076 S1555 W06B S2V20K1 or GP20DL
2SD613*1 D3,4 D5 D6,11~14 D7~10 D15	2SD613*1 D3,4 D5 D6,11~14 D7~10 D15
VR1	VR2
VR3	VR4
VR5	VR6
VR7	VR8
VR9	VR10
VR11	VR12
VR13	VR14
VR15	VR16
VR17	VR18
VR19	VR20
VR21	VR22
VR23	VR24
VR25	VR26
VR27	VR28
VR29	VR30
VR31	VR32
VR33	VR34
VR35	VR36
VR37	VR38
VR39	VR40
VR41	VR42
VR43	VR44
VR45	VR46
VR47	VR48
VR49	VR50
VR51	VR52
VR53	VR54
VR55	VR56
VR57	VR58
VR59	VR60
VR61	VR62
VR63	VR64
VR65	VR66
VR67	VR68
VR69	VR70
VR71	VR72
VR73	VR74
VR75	VR76
VR77	VR78
VR79	VR80
VR81	VR82
VR83	VR84
VR85	VR86
VR87	VR88
VR89	VR90
VR91	VR92
VR93	VR94
VR95	VR96
VR97	VR98
VR99	VR100

DC voltages are measured by a VOM with 25kΩ/V Imp.

INTEGRATED AMPLIFIER

KA-30



SPECIFICATIONS

Power output
25 watts* per channel minimum RMS, both channels driven, at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.09% total harmonic distortion.

Total Harmonic Distortion
AUX input to SPEAKER output
(40 Hz to 20,000 Hz) 0.09% at rated power into 8 ohms
(40 Hz to 20,000 Hz) 0.06% at 1/2 rated power into 8 ohms

PHONO input to SPEAKER output (1 kHz) 0.06% at rated power with VOLUME — 20 dB
into 8 ohms
into 8 ohms

Intermodulation Distortion 0.06% at rated power into 8 ohms
(60 Hz:7 kHz = 4:1)
Damping Factor >30 (1 kHz into 8 ohms)

Power bandwidth 20 Hz to 35,000 Hz at 0.2% T.H.D.
T.H.D. 10 Hz to 70 kHz, +0 dB, — 3 dB

Input Sensitivity/Impedance
Phono 2.5 mV/50 k ohms
Tuner/AUX/Tape 150 mV/30 k ohms
Signal-to-Noise Ratio(IHF-A) Phono 72 dB for 2.5 mV input
84 dB for 10 mV input
78 dB for 5.0 mV input

Tuner/AUX/Tape 100 dB for 150 mV input
Phone Maximum Input Level 170 mV(RMS), T.H.D. 0.05% at 1,000 Hz

Output Level/Impedance
Tape REC(In) 150 mV/2 k ohms
Phono Frequency Response RIAA standard curve +0.3dB (20 Hz to 20,000 Hz)

Tone Control
Bass +10 dB at 100 Hz
Trebble +10 dB at 10 kHz
Loudness Control +9 dB at 100 Hz(at — 30dB VOLUME Level)

GENERAL
Power requirements. 60 Hz 120 V/U.S.A. & Canada Model or 50/60 Hz 110~120 V/220~240V, switchable
Power Consumption 1.1 A(U.L. and CSA)

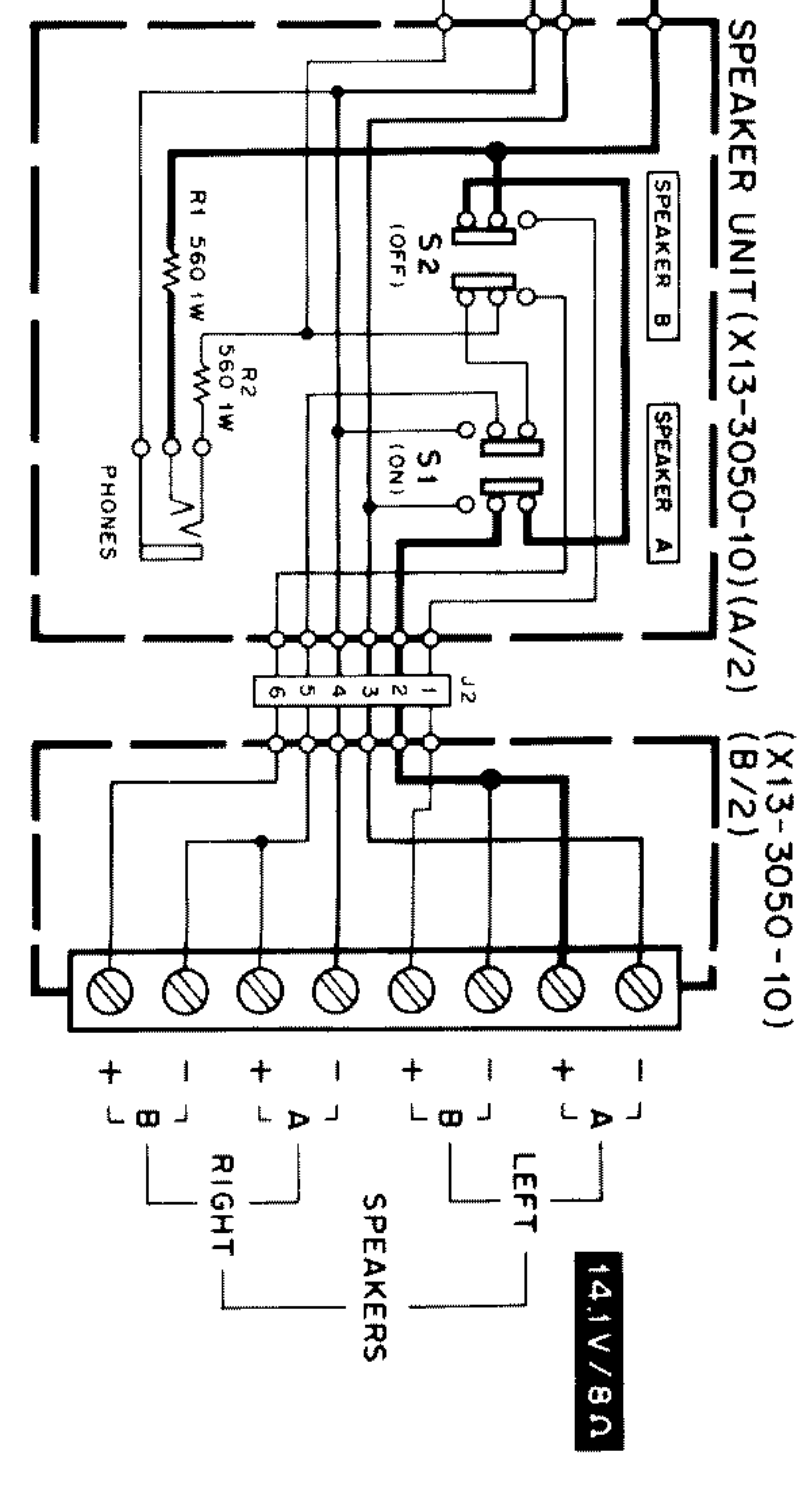
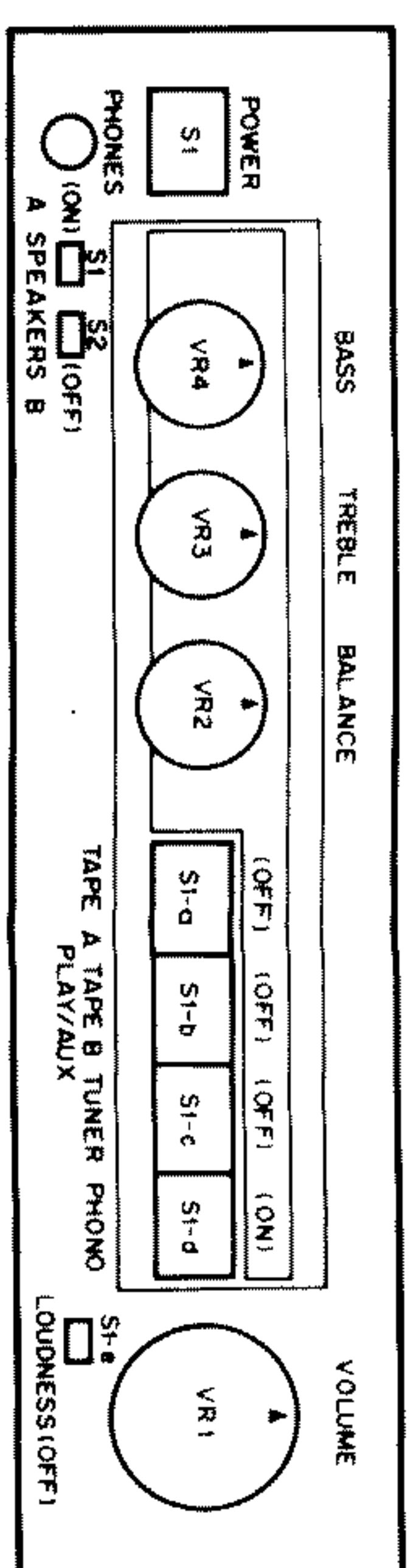
90 W
100 W(8 ohms at rated power)
38 W (No signal)

A.C.Outlet. Switched 2, Unswitched 1
Dimensions W 440 mm (17-5/16")
H 109 mm (4-19/64")
D 249 mm (9-51/64")

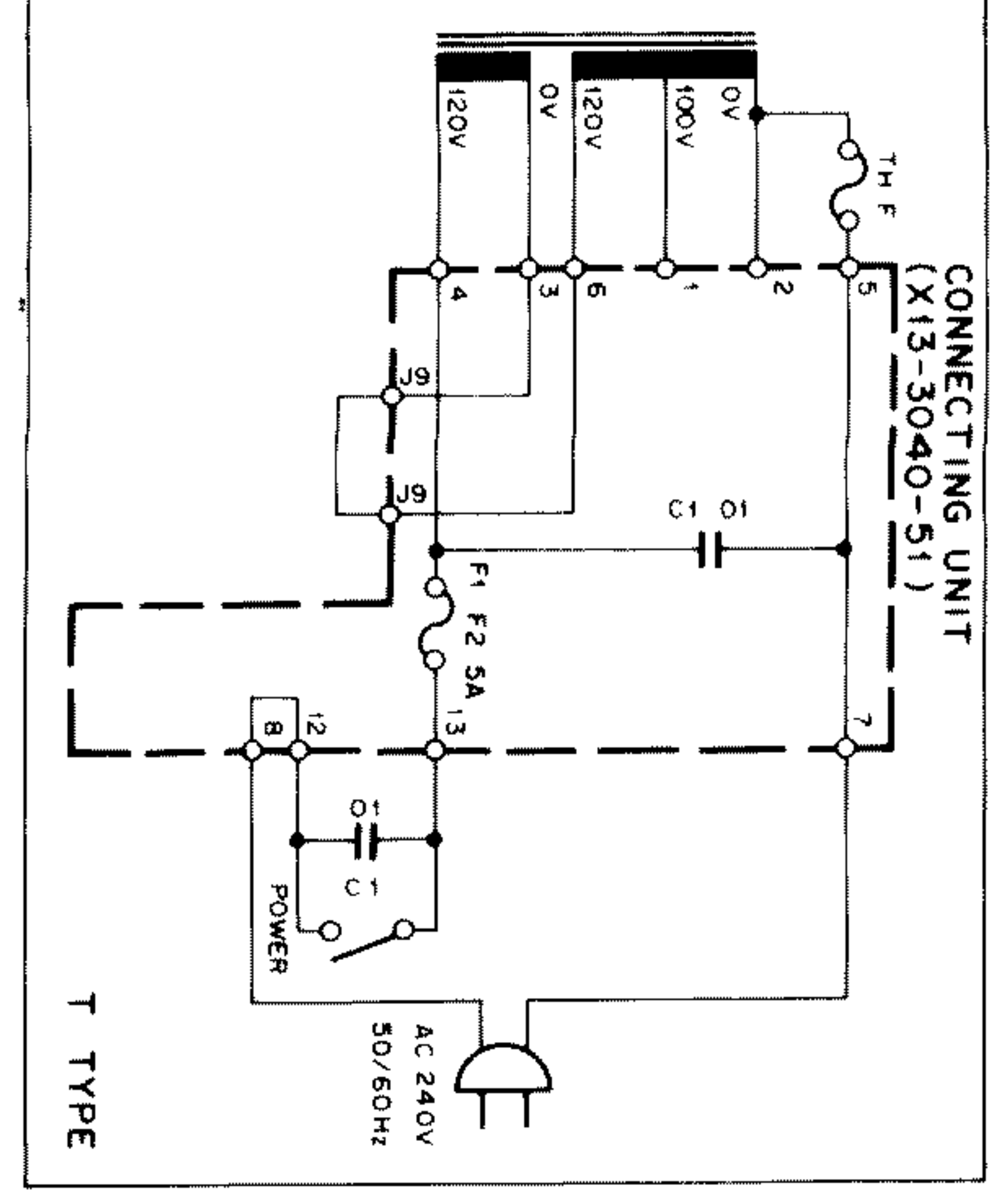
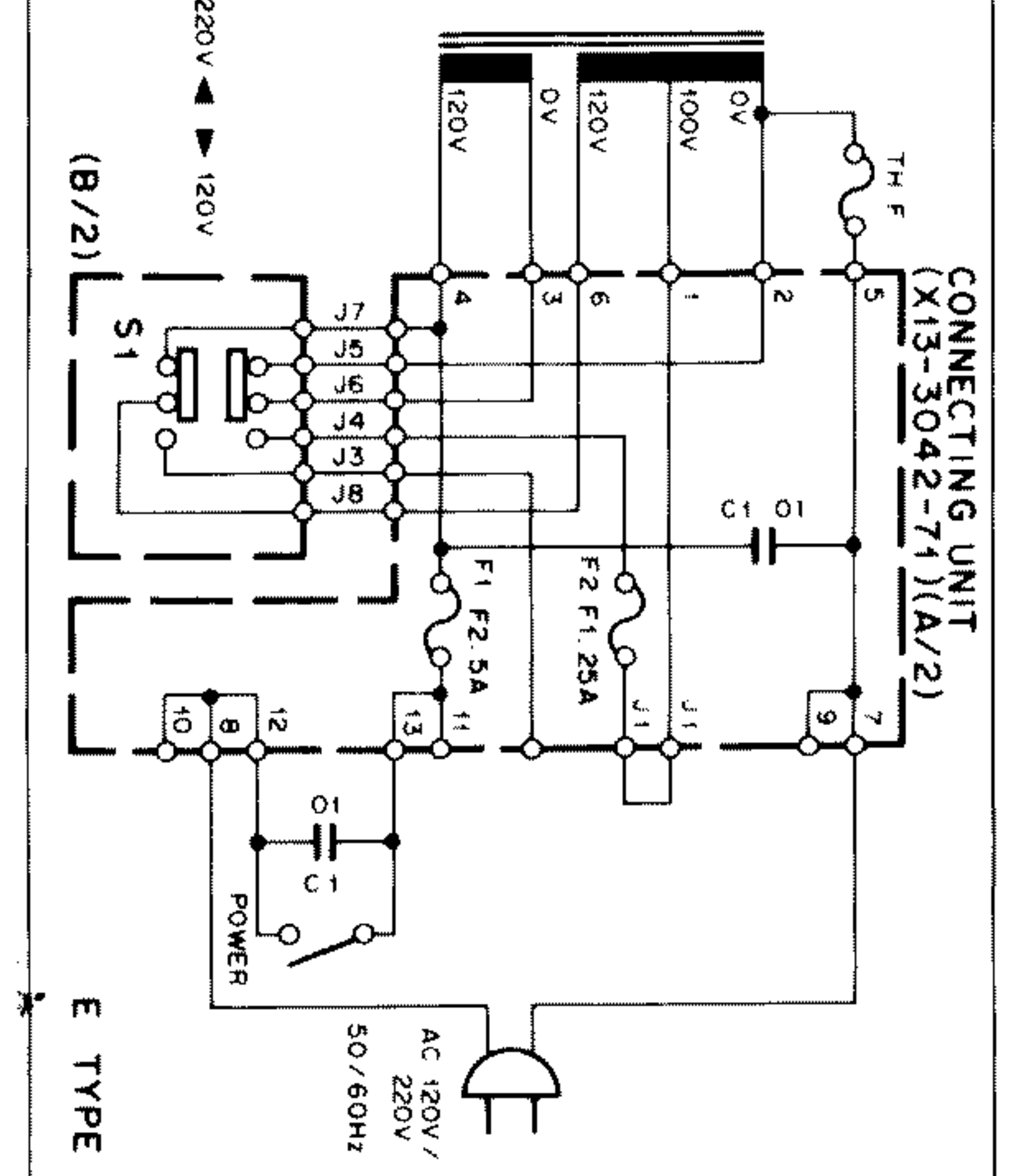
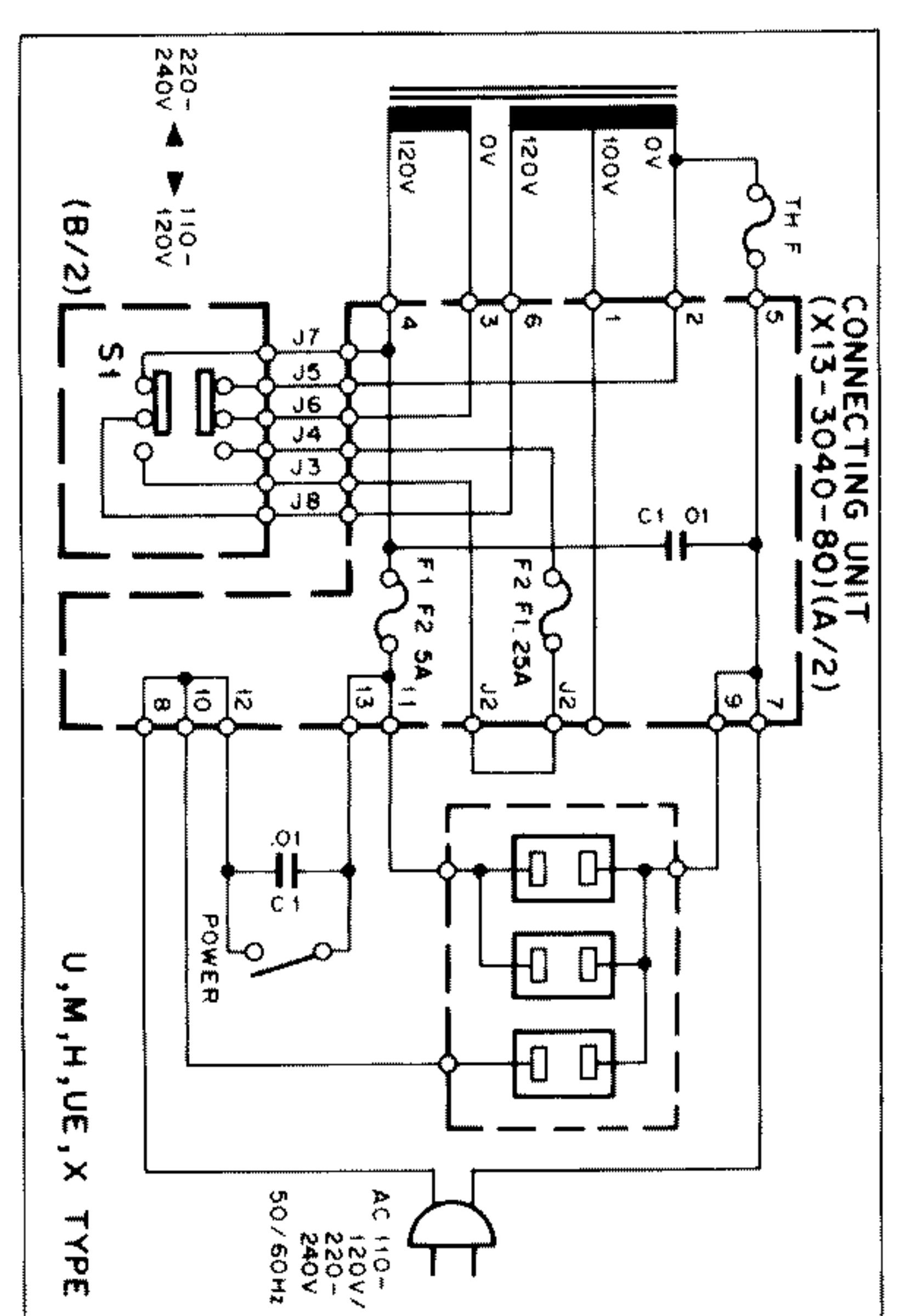
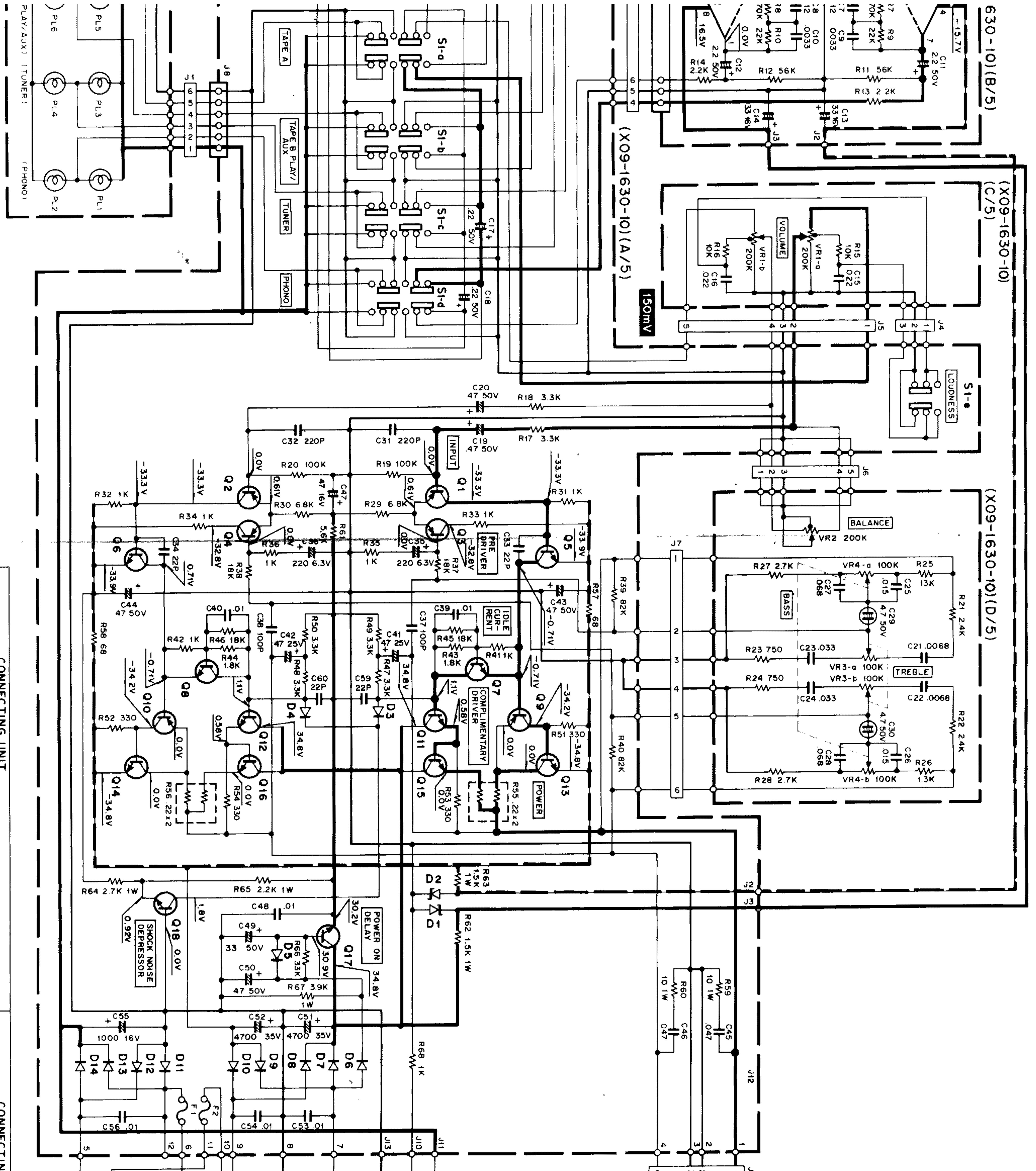
Weight 4.5 Kg(9.9 lbs)

Kenwood follows a policy of continuous advancement in development. For this reason specifications may be changed without notice.
Kenwood poursuit une politique de progrès constants en ce qui concerne le développement. Pour cette raison, les spécifications sont sujettes à modifications sans préavis.

Kenwood streeit ständige Verbesserungen in der Entwicklung an. Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.



F 1	0.10	250V	1A	230V 2.5A
F 2	0.01	250V	1A	230V 2.5A



- Q1~4 : 2SA992(F,E) or 2SA921(S,T) or 2SC1845(F,E) or 2SC945(A)(Q,P) or 2SC2320(F,E) or 2SA954(L,K)
- Q5,6 : 2SA992(F,E) or 2SA921(S,T) or 2SC1845(F,E) or 2SC945(A)(Q,P) or 2SC2320(F,E) or 2SA954(L,K)
- Q7,8,18 : 2SA992(F,E) or 2SA921(S,T) or 2SC1845(F,E) or 2SC945(A)(Q,P) or 2SC2320(F,E) or 2SA954(L,K)
- Q9,10 : 2SA992(F,E) or 2SA921(S,T) or 2SC1845(F,E) or 2SC945(A)(Q,P) or 2SC2320(F,E) or 2SA954(L,K)
- Q11,12,17 : 2SC2003(L,K)
- Q13~16 : 2SD613 *1
- D1,2 : WZ-157
- D3,4 : 1S2076A or 1S2076 or 1S1555
- D5 : WO68
- D6,11~14 : S2V20W1 or GP20DL
- D7~10 : B30-OZ74-Q5
- D15 : D15

DC voltages are measured by a VOM with 25kΩ/V input impedance.