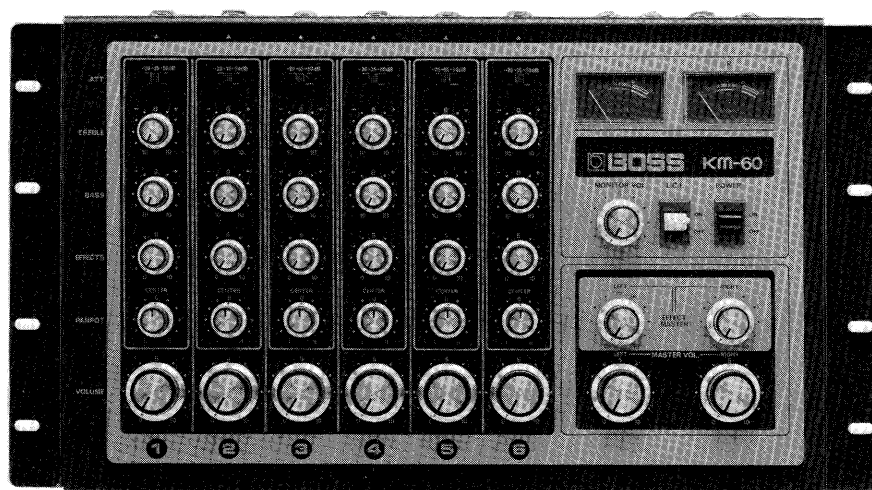


Mixer **Km-60** SERVICE NOTES



5 BOSS Km-60 SERVICE NOTES

KM-60 SPECIFICATIONS

			LEVEL	IMPEDANCE	NO.
CHANNEL	INPUT		-50/-35/-20dB	L: 3.9kΩ; H: 33kΩ	6
	EFFECTS	SEND	0dB	300Ω	6
		RETURN	0dB	10kΩ	6
MIXED	EFFECTS	SEND	0dB	300Ω	1
		RETURN	-26dB	20kΩ	2
	STACKING		0dB	3kΩ	2
	STEREO MONITOR OUT		-	8Ω	1
	OUTPUT		+4dB(0VU)	300Ω	2

Power consumption	7W
S/N ratio	Over 64dB
Semiconductors	16 IC's, 6 transistors, 8 diodes
Dimensions	480(W) x 95(H) x 273(D) mm 18.9(W) x 3.7(H) x 10.8(D) in
Weight	4.7kg, 10.4lbs.

PARTS LIST

POWER TRANSFORMERS

Meter
BK-560 (046-004)

Lamp
BQ045-32704A (025-007)

Chassis
- NO.192 (061-192)

Rack Angle
NO.162 (064-162)

Pot.
EWKDOAK15B50K x 2
(028-529)

Knob
-TK-1113 (016-026)

Switches
-MS-311(blk) (001-261B)
-MS-311(wht) (001-261W)

Pot.
- EVHBOAK15A1OK
(028-514)

Pot.
EVHBOAK15A25OK (028-521)
Knob
TK-1112 (016-020)

— Cover
NO.163 (065-163)

Rubber Foot
G-14 (111-025)

Jack
SG-7615 (009-001)

022-086C no.86C (100/117v)
022-086D no.86D (220/240v)

ICs
020-080 HA-1457
020-097 μ PC4558C

TRANSISTORS	
017-003	2SC1000-GR
017-008	2SC828-R
017-012	2SA733-Q
017-010	2SD234-O
017-022	2SB434-O

	DIODES
018-022	1N4003
018-014	1S2473
018-024	05Z15A zener

POTENTIOMETERS	
028-521	EVHBOAK15A250K
028-514	EVHBOAK15A10K
028-529	EWKD0AK15B50K dual
028-508	EVHCCAK15B50K or
	EVH6PA-360B50K
028-506	EVHCCAK15B10K or
	EVH6PA-460B10K
028-507	EVHCCAK15B20K or
	EVH6PA-360B20K
028-006	EVTR4A00B54 50K trim.

	PCBs
141-091A	AP-91A Assy
052-311A	AP-91A less parts
052-219A	Lamp Holder less parts

FUSES	
008-024	SGA 0.5A sec. (except J type)
008-050	MGP 0.25A prim.(117v 3P)
008-063	CEE 500mA sec. (J)
008-060	CEE 250mA prim. (J)

048-018	Heat Sink SB-7
120-001	Long Nut no.1 3x10mm (stand off)
120-003	Long Nut no.3 3x18mm
141-090B	PCB Assy AP-90B
052-310B	AP-90B less parts

Switch
HSW-478-1-7
(001-168)

Pot. |
EVHCCA15 B50K
(028-508) or
EVH6PA360B50K

Pot. _____
EVHCCA15 B10K
(028-506) or
EVH6PA360B10K

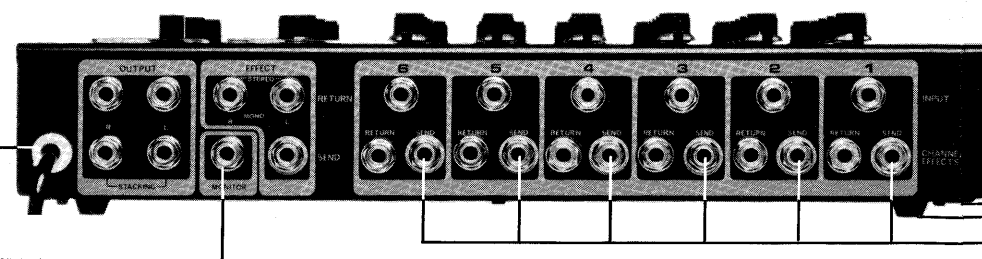
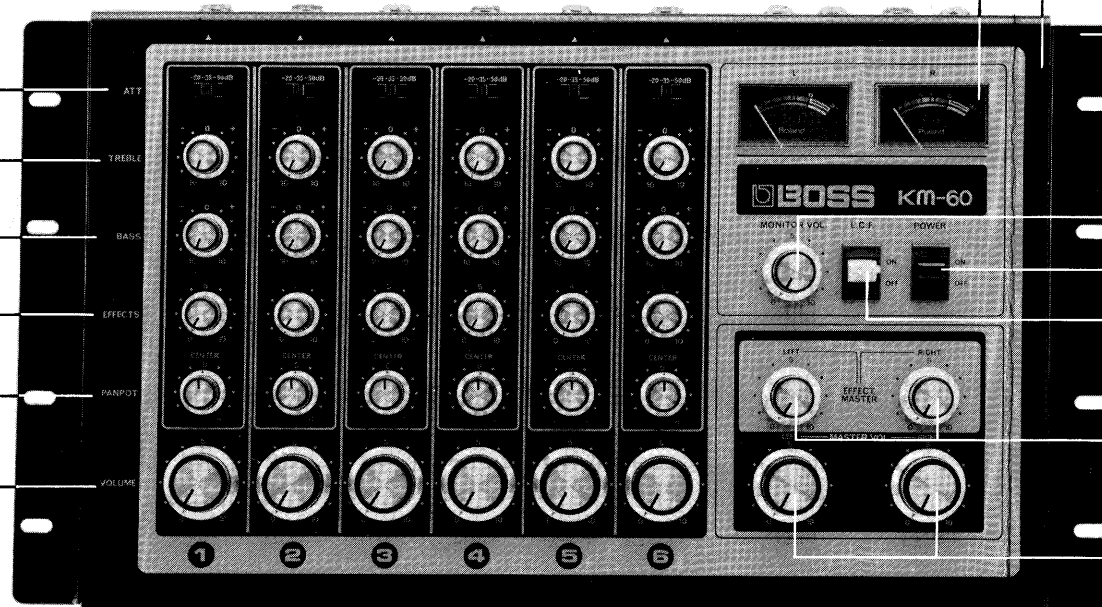
Pot. _____
EVHCCA15B20K
(028-507) or
EVH6PA360B20K

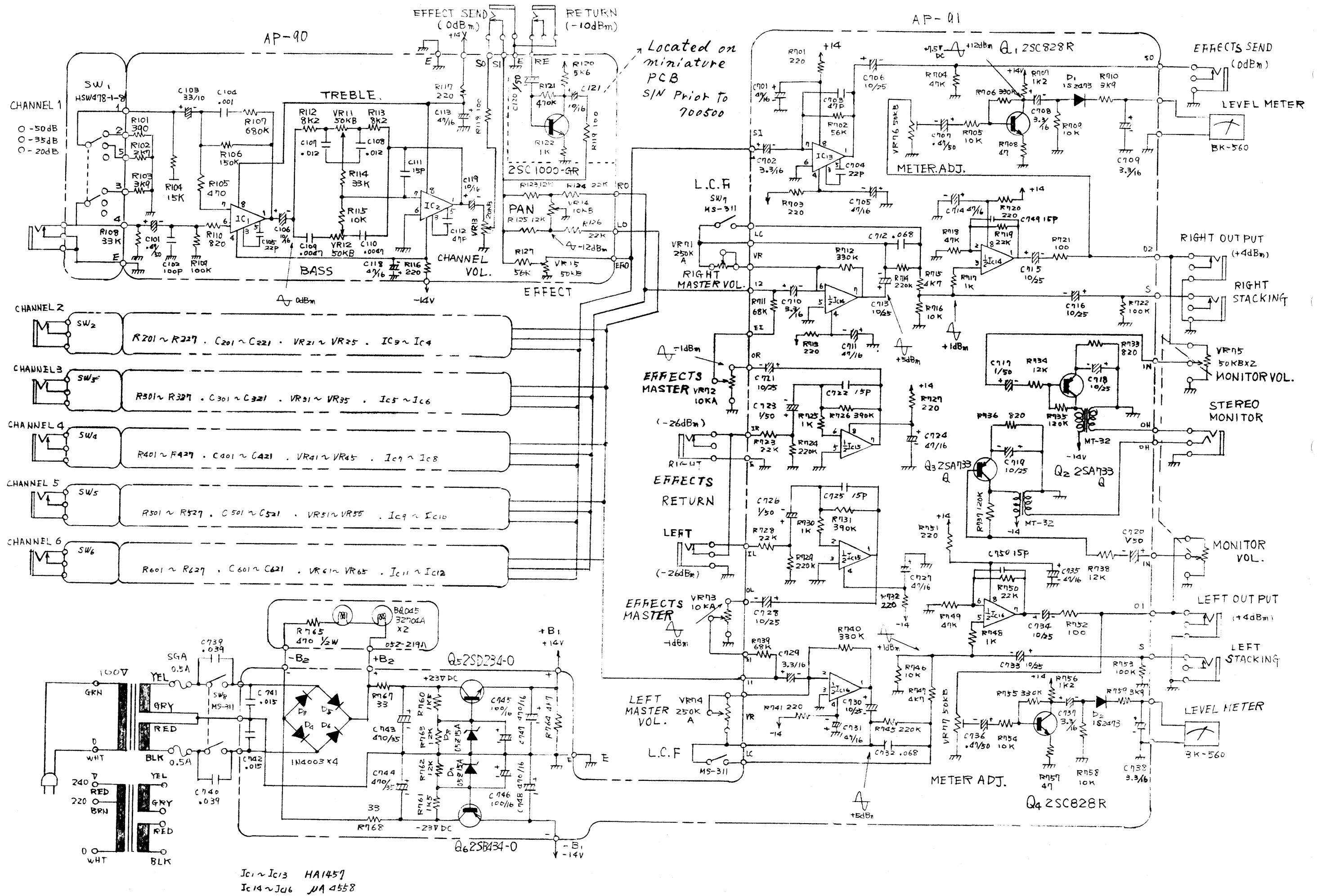
* Jacks not defined: TJ-241-2 (009-004)

Line Cord Strain Relief

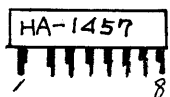
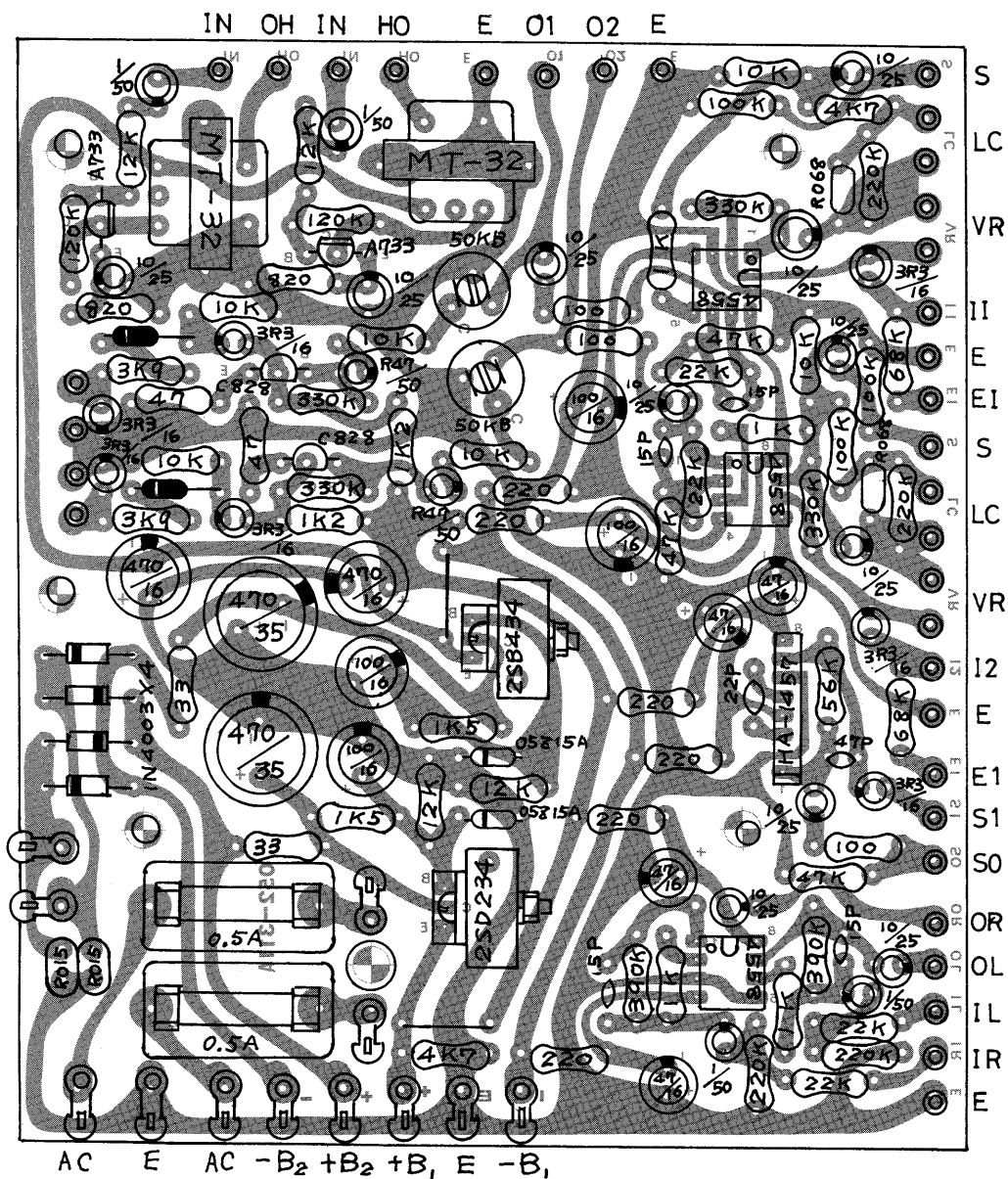
EA-5

Jack TJ240-1 (009-003).





AP-91A (141-091A)



HA 1457



Top
VIEW

μPC 4558



2SA 733 Q



25C 828 R



05815A



15 2473



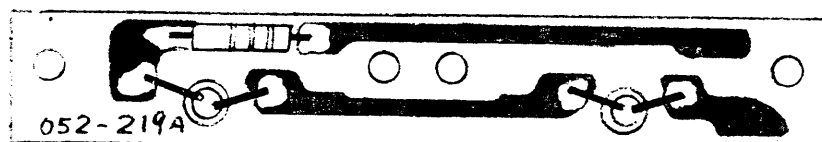
IN 4003

METER CALIBRATION

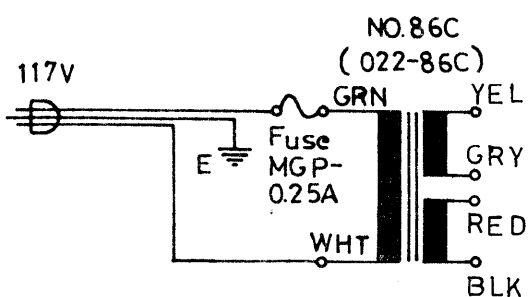
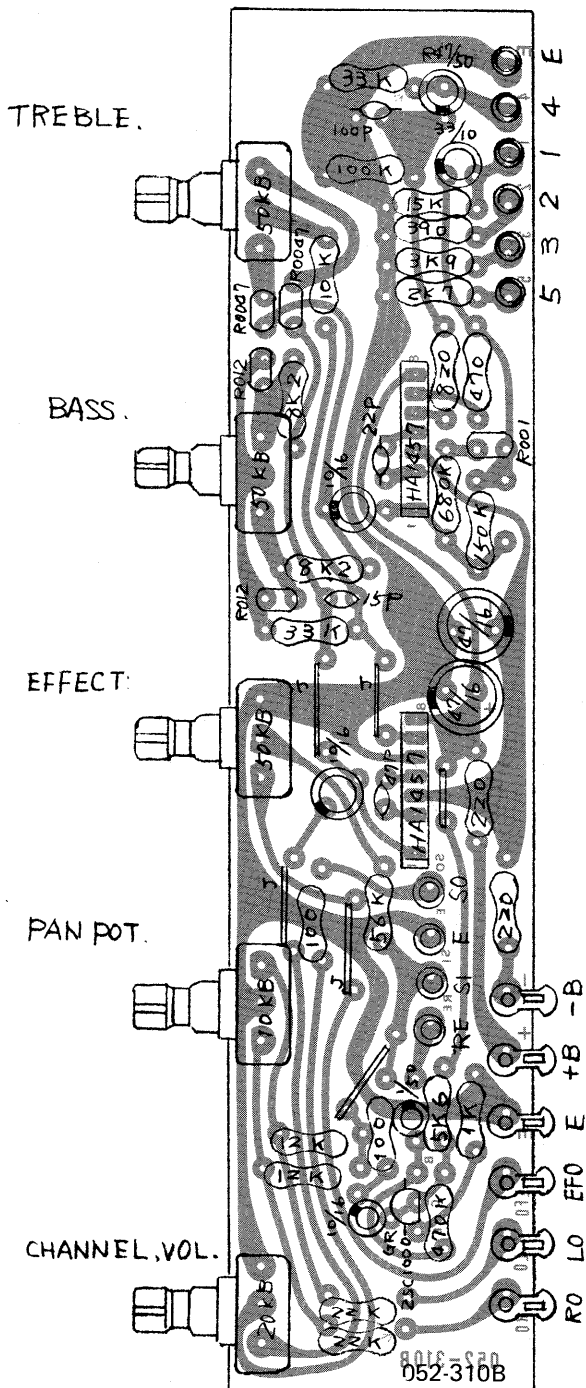
Adj. VR76, VR77

0 VU = 4 dBm 1 kHz Sine
(at Output jack)

LAMP HOLDER



AP-90B (141-090B)



AP-90A Serial No. prior to
700500

