



GAIN / OUTPUT				
FUNCTION	INPUT	FREQ.	SPEAKER OUTPUT	tone
CH1	18mV	1K	25VAC 8	ALL FULL
CH2	30mV	1K	28 VAC 8	FULL
CH2	.3mV	1K	DRIVE STARTS TO CLIP	
REVERB REC.	60mV	3K	25VAC 8	-3dB @ 300Hz
REVERB DRIVE				
CH1 VOL 10 - C7	9dB @ 10K			
CH1 - VOL @ 2	26dB RISE FROM 1K TO 10K ALL TONE FULL 40dB RISE FROM 1K TO 10K MIDS OFF - BASS TREBLE FULL			
CH1 PRESENCE	9.5dB @ 10K 2.2K IN SERIES WITH .01 FEEDBACK			

PROBLEM	INSPECTION FOR	
BIAS SETS OK FOR POWER TUBES BUT CANT GET ANY SIGNAL FROM V5 TO V6-V9	H2A-1&2 H2B-1&2	SOLDER BRIDGE SOLDER BRIDGE
SQUARE WAVE OSCILLATOR AT SPKR OUT	H2B-1&2	PIN 1&2 REVERSED
NO AMP FEEDBACK - EXTREME GAIN	H3A-1 TO 4 H3B-1 TO 4	PIN 1 REVERSED OR SOLDER BRIDGE
SELECT SWITCH DOES NOT WORK- NO VOLTAGE ON RELAY		

PCB Rev (C)

Assembly Revision History (I to J)

- (J) 5-23-95 Rev (C) PCB R6 to 1K R37 to 560 C37 to NU
R8 to 220K C6 to .0047 D21 to NU
R17 to 560 C8 to NU
R30 to 2.2K C33 to 180PF
- (K) 8-22-95 Rev (C) PCB R24 to 15K C16 to 10µF
P3, P8, P14, P15 from A25K to A15K
(Note: less gain from both channels)
- (L) 10-7-95 Rev (C) PCB R3, R7, R15, R18, R38, R42 from 220K, 1% to 1/2W, 220K

5. ADDED AS SECONDARY OPERATION ARE DENOTED * .
4. ALL OPEN GROUNDS ARE (A), EXCEPT AS NOTED.
3. ALL DIODES ARE TYPE 1N4003, EXCEPT AS NOTED.
2. ALL CAPACITORS IN MICROFARADS, EXCEPT AS NOTED.
1. ALL RESISTORS ARE 1/4W, EXCEPT AS NOTED.

NOTES UNLESS OTHERWISE SPECIFIED.

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VALVE MASTER
ALL TUBE GUITAR AMP

DRAWN BY: C. McEUN DATE: 14DEC94

APPROVED: DATE:

PCB NO: 30-77701 REV: C

ASSY. NO: 80-77701 REV: G

REVISED BY: C. McEUN DATE: 7Oct95