



FUNCTION	INPUT	FREQ.	SPEAKER OUTPUT	TO NE
CH1	8mV	1K	15VAC	8% ALL FULL
CH1	18mV	1K	40VAC	8%-EL34 ALL FULL
CH2	20mV	1K	82 VAC	8% -NIL ALL CENTER
CH2	3mV	1K	DRIVE STARTS TO CLIP	
REVERB REC.	18mV	1K	15VAC	8% NO LOAD -15dB @ 100 Hz
REVERB DRIVE	20mV	1K	WITH 15VAC 8% NIL	-14.2dB @ 100Hz
CH1 HI FREQ RESE.	(VOL1 @ 2)		ALL TONE FULL	26dB
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 01K FEEDBACK			

Production Assembly Revision History

- (F) Change all headers to type SHS.
- (G) Resistors R44 R45 to 1%.

- (L) ADDED AS SECONDARY OPERATION.
- 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.

PROBLEM	INSPECTION FOR
BIAS SETS OK FOR POWER TUBES BUT H2A-142	SOLDER BRIDGE
CANT GET ANY SIGNAL FROM V5 TO V6-V8-142	SOLDER BRIDGE
SQUARE WAVE OSCILLATOR AT SPKR 047B-142	PIN 142 REVERSED
NO AMP FEEDBACK - EXTREME GAIN	H3A-1 TO 4 REVERSED OR
SELECT SWITCH DOES NOT WORK -	HOB-1 TO 4 SOLDER BRIDGE
NO VOLTAGE ON RELAY	

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VINTAGE 50
ALL TUBE GUITAR AMP

DRAWN BY: C. MCEUEN DATE: 2FEB94
APPROVED: C. MCEUEN REV: D

PCB NO: 30-77501 REV: D
ASSY. NO: 80-77501 REV: G
REVISED BY: C. MCEUEN DATE: 20JUN96

LAST USED LIST					
SYM	30-77501	30-77508	30-77507	ALL OTHERS	NOT USED
C	50	-	70-72	-	3
D	16	20-21	-	-	
H	1-7	2, 7	3, 8	10	4
J	1	-	4, 5	-	2, 3
L	2	-	-	-	
P	11	-	-	21	
QC	1-14	31-37	-	-	5, 10-12, 34
R	1-50, 57	60-67	70-73	-	47, 48
S	5	6, 9	-	8-8, 10, 11	
V	5	6, 9	-	-	
B	1-37	50	-	-	6, 8, 21