



TEST POINT CHART

T.P. #	D.C. VOLTAGE NO SIGNAL (V)	SIGNAL, CHANNEL 1 ACTIVE (VP-P)	SIGNAL, CHANNEL 2 ACTIVE (VP-P)
1	205	0.3	0.3
2	215	0.02	0.02
3	215	0.03	2.2
4	185	---	0.14
5	200	---	105
6	215	---	130 (CLIPPED)
7	0	6	
8	0	2 V/.03VP-P SIGNAL FROM REV.	
9	0	0.6	
10	0	1.7	
11	265	22	15 (CLIPPED)
12	0	12	7.5 (CLIPPED)
13	---	0.2VDC	10VDC
14	---	10VDC	0.2VDC
15	---	0.2VDC (FX ON)	10VDC (FX OFF)

1 KHz SIGNAL @ INPUT; ALL CONTROLS @ '10', EXCEPT CHANNEL 2 GAIN, HIGH, MASTER @ '5' AND REVERB, PRESEMC @ '0'. 8 OHM LOAD.

NOTES

- 1) CAUTION: SHOCK HAZARD!! THIS UNIT CONTAINS HAZARDOUS VOLTAGE. DISCONNECT POWER AND BE SURE POWER SUPPLY IS DISCHARGED BEFORE TOUCHING INTERNAL PARTS.
- 2) UNLESS NOTED, RESISTOR VALUES IN OHMS, 1/4W-5% TOL. CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
- 3) VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLTMETER.
- 4) CHASSIS GROUND \uparrow DIRTY GROUND \downarrow SIGNAL GROUND \pm
- 5) BLU/WHT LEAD NOT ON EARLY PRODUCTION 94-650-21 TRANSFORMERS WHEN USING THE 94-650-21 FOR 230V. WIRE THE TRANSFORMER BLACK LEAD TO J35.

BIAS CALIBRATION PROCEDURE

- 1) CONNECT UNIT TO PROPER AC LINE VOLTAGE.
- 2) ALLOW UNIT TO WARM UP AT LEAST 5 MINUTES.
- 3) WITH NO SIGNAL APPLIED ADJUST AP1 FOR 85 WATTS (0.8A DOMESTIC) DRAW FROM THE LINE.
- 4) ALTERNATE METHOD: WITH ENOUGH SIGNAL (CLEAN) TO JUST CLIP OUTPUT ADJUST AP1 FOR SLIGHT CROSSOVER DISTORTION VISIBLE ON OSCILLOSCOPE TRACE.

CAUTION:

THIS SCHEMATIC IS PROVIDED FOR USE BY QUALIFIED PERSONNEL. TO AVOID RISK OF ELECTRIC SHOCK, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DO NOT PERFORM ANY SERVICING BEYOND THAT EXPLAINED IN THE OPERATING INSTRUCTIONS.

SEE SHEET 1 OF 2 FOR REVISION HISTORY

SIGNATURES:	DATE:		T1880 BORDMAN DR. ST. LOUIS, MISSOURI 63168
DRAWN: REM	04/25/94		
CHK'D:		PROJECT NAME: BV-60H	
APP'D:		DRAWING NAME: MAIN BD. SCHEMATIC	
ORIGINAL ISSUED:	04/25/94	DRAWING NO. 07S295-51/-55 REV. K	
PLOT DATE:	10/06/98	SCALE: NTS SHEET: 2 OF 2	
PLOT TIME:	12:05:18		
FILE NAME:	29551HK		