



- 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) CIRCUIT GROUND  $\nabla$  CHASSIS GROUND  $\perp$

**GX-20M TEST POINTS**

T.P.	AC VOLTAGE	DC VOLTAGE	WAVEFORM
1	50mV p-p	—	—
2	180mV p-p	—	—
3	56V p-p	—	—
4	21V p-p	—	—
5	11V p-p	—	—
6	9V p-p	—	—
7	7V p-p	—	—
8	27V p-p	—	—
9	5V p-p	—	—
10	10V p-p	-5VDC	—
11	4V p-p	-6VDC	—
12	2V p-p ripple	+15VDC	—
13	2V p-p ripple	-15VDC	—
14	1V p-p ripple	+13VDC	—
15	1V p-p ripple	-13VDC	—
16	1.5V p-p ripple	+13VDC	—
17	1.5V p-p ripple	-13VDC	—
18	50mV p-p ripple	-10VDC	—

\* F=25Hz  
\*\* MODULATED BETWEEN 50kHz AND 200kHz

**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.

PCB ART REV. 3

REV	DATE	BY	CHK'D	DESCRIPTION
6	01/07/97	MAG		DELETED 23-926-01 TO 23-956-02 PER ECO 970002.
5	03/14/94	SWR		NOTED ON SCHEMATIC THAT "C16" IS NOT USED. PER ECO #E090.
4	01/27/93	SWR		CHANGED VALUE OF D16 & D17. CHANGED VOLTAGE IN TEST POINT CHART FOR D16 & D17.
3	10/27/92	SWR		CHG'D VALUE OF C10,C12,C37,C39,R38 CHG'D R53 TO R24, VOLTAGE BY TP12 & 13, & TEST POINT LEGEND
2	06/05/92	MGA		CHANGE HEADPHONE CIRCUIT CHANGE TRANSFORMER HOOKUP
1	03/20/92	MGA		ADD R53 TO REVERB CIRCUIT SEE ZONE D-3

SIGNATURES:		DATE:	11860 BORMAN DR. ST. LOUIS, MISSOURI 63148
DRAWN:	DJI	1/29/92	
CHK'D:	DAP	03/20/92	PROJECT NAME:
APP'D:	DAP	03/20/92	GX-20M GUITAR AMP
ORIGINAL ISSUED:		1/29/92	DRAWING NAME:
PLOT DATE:		01/07/97	SCHEMATIC DRAWING
PLOT TIME:		13:35:25	REV 6
FILE NAME:		20101h6_	DRAWING NO. 07S201-01
			SCALE: 1:1
			SHEET: 1 OF 1

**EXPORT WIRING**

- J12 220V-240V 50/60Hz
- J11 115V-120V 50/60Hz
- J10 100V 50/60Hz

**POWER SUPPLY**

