



**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  $\text{---}$  SWITCH GROUND  $\text{---}$  CHASSIS GROUND  $\text{---}$

**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.

S1 IN (OVERDRIVE CHANNEL)  
INPUT SIGNAL: 50mV P-P @ 1kHz  
SHAPE: GAIN & LEVEL @ \*10\*, EQ's @ \*5\*

T.P.	AC VOLTAGE	DC VOLTAGE	WAVEFORM
1	50mV p-p		
2	120mV p-p		
3	11V p-p		
4	10.2V p-p		
5	6V p-p		
6	1.4V p-p		
7	400mV p-p		
8	30V p-p		
9	10V p-p		
10	6V p-p		

S1 OUT (CLEAN CHANNEL)  
INPUT SIGNAL: 50mV P-P @ 1kHz  
VOLUME @ \*10\*, EQ's @ \*5\*

T.P.	AC VOLTAGE	DC VOLTAGE	WAVEFORM
1	50mV p-p		
2	120mV p-p		
3	0V p-p		
4	0V p-p		
5	0V p-p		
6	350mV p-p		
7	110mV p-p		
8	8V p-p		
9	13V p-p		
10	6V p-p		

\* F=125Hz WITH RATE @ \*10\*  
\* MODULATED BETWEEN 50kHz AND 200kHz

11	8V p-p ripple	+20VDC	
12	8V p-p ripple	-20VDC	
13	10mV p-p ripple	+15VDC	
14	10mV p-p ripple	-15VDC	
15	5V p-p ripple	+16VDC	
16	5V p-p ripple	-16VDC	
17	25V p-p ripple	+16.5VDC	
18	35V p-p ripple	-16.5VDC	
19	35V p-p ripple	+16.5VDC	
20	35V p-p ripple	-16.5VDC	
21	10mV p-p ripple	-14.8VDC	

5	03/07/97	MAG	CHG'D 23-926-01 TO 23-926-02 PER ECO 970100.	
4	01/18/95	JCJ	CORRECTED REFERENCE DESIGNATORS PER ECO# E0520	
3	12/15/94	REM	CHANGED HEADPHONE CIRCUIT PER E 489. ART CHANGE TO REV. 7.	
2	03/04/94	REM	SCHEMATIC DID NOT CHANGE: DWG TO REV. 2 TO REFLECT REV. LEVEL OF PICTORIAL.	
1	04/07/93	REM	CHANGED R22 FROM:22K TO:10K, R24 FROM: 22 ohm TO: 10ohm & R25 FROM: 2.2K TO: 4.7K	
REV	DATE	BY	CHK'D	DESCRIPTION
SIGNATURES:		DATE:		 <b>1880 BORMAN DR.</b> <b>ST. LOUIS, MISSOURI</b> <b>63148</b>
DRAWN: MGA		03/12/92		
CHK'D:				
APP'D:				
ORIGINAL ISSUED:		03/13/92		
PROJECT NAME: <b>GX-30M GUITAR AMP</b>				
DRAWING NAME: <b>SCHEMATIC</b>				
PLOT DATE: 03/20/97		DRAWING NO. 07S202-01		
PLOT TIME: 07:31:22		REV. 5		
FILE NAME: 20201h5_		SCALE: ~ SHEET: 1 OF 1		

