

TEST CONDITIONS  
ALL GAINS @ 10  
ALL TIMES @ VOL @ 5  
REVERBS @ 5  
0.25P-P 1 KHZ INPUT SIGNAL  
@ 50M LOAD

T.P.	T. LEAD	SS LEAD	T. RHYTHM	SS RHYTHM
1	1Vp-p -20Vdc	2Vp-p -20Vdc	1Vp-p -20Vdc	1Vp-p -20Vdc
2	1Vp-p	13Vp-p	1Vp-p	1Vp-p
3	12Vp-p	1Vp-p	1Vp-p	1Vp-p
4	28Vp-p	8Vp-p	9Vp-p	9Vp-p
5	8V	12V	12V	12V
6	9Vp-p	12Vp-p	6Vp-p	12Vp-p
7	15Vp-p	15Vp-p	15Vp-p	45Vp-p
8	1Vp-p	13Vp-p	15Vp-p	40Vp-p
9	50Vp-p 100Vdc	35Vp-p 100Vdc	50Vp-p 100Vdc	25Vp-p 100Vdc
10	50Vp-p +3.5Vdc	35Vp-p -3.5Vdc	50Vp-p +3.5Vdc	25Vp-p -3.5Vdc
11	50Vp-p -3.5Vdc	35Vp-p -3.5Vdc	50Vp-p -3.5Vdc	25Vp-p -3.5Vdc
12	50Vp-p	35Vp-p	50Vp-p	25Vp-p

POWER SUPPLY

T.P.	V
13	85Vdc
14	-85Vdc
15	40Vdc
16	-40Vdc
17	175Vdc
18	16Vdc
19	-16Vdc

SWITCHING

T.P.	T. LEAD	SS LEAD	T. RHYTHM	SS RHYTHM
20	-16Vdc	0Vdc	-16Vdc	0Vdc
21	-16Vdc	-16Vdc	-16Vdc	-16Vdc
22	15Vdc	15Vdc	-15Vdc	-15Vdc
23	15Vdc	15Vdc	0Vdc	0Vdc
24	0Vdc	0Vdc	-15Vdc	-15Vdc
25	24Vdc	0Vdc	24Vdc	0Vdc
26	16Vdc	0Vdc	16Vdc	16Vdc
27	0Vdc	16Vdc	16Vdc	16Vdc

0Vdc WITH FOOTSWITCH CLOSED.

- NOTES
- CAUTION- SHOCK HAZARD!  
THIS UNIT CONTAINS HAZARDOUS VOLTAGE. DISCONNECT POWER AND BE SURE POWER SUPPLY IS DISCHARGED BEFORE TOUCHING INTERNAL PARTS.
  - UNLESS NOTED, RESISTOR VALUES IN OHMS, 1/4W-5% TOL. CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
  - VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLTMETER.
  - CIRCUIT GROUND = SWITCH GROUND + CHASSIS GROUND
  - WITH 80mV LOAD AND AP-2 FULLY CV, ADJUST AP-1 FOR 8mV ACROSS R98, THEN ADJUST AP-2 FOR 80mVdc SPEAKER OUTPUT.

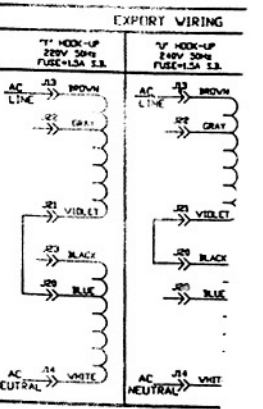
NOTE REV. 1  
ADDED D61, D62, C82, & R136  
REMOVED C25, & R118  
CHANGED VALUES R94, R99-R112, R119, & R132  
CHANGED TUBE HEATER ARRANGEMENT.

ARTWORK REV. 7

REV	DATE	BY	CHK'D	DESCRIPTION
3	06/13/94	MGA		CORRECT TEST POINT NUMBERS IN POWER SUPPLY CIRCUIT
2	08/11/93	MGA		ADD EXPORT SWITCHING CIRCUIT
1	5/8/92	SWR		SEE NOTE REV. 1

SIGNATURES:	DATE:	PROJECT NAME:
DRAWN: DJI	04/14/92	11880 BORMAN DR. ST. LOUIS, MISSOURI 63146
CHK'D: TEK	04/20/92	GT-80DSP
APP'D: TEK	04/20/92	DRAWING NAME:
ORIGINAL ISSUED:	04/20/92	SCHEMATIC DRAWING
PLOT DATE:	06/13/94	DRAWING NO. 07S240-02/05
PLOT TIME:	09:24:42	DRAWING NO. 07S240-02/05
FILE NAME:	24002HZ3	SCALE: 1:1 SHEET: 1 OF 1



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.