

TEST CONDITIONS  
ALL GAINS @ 10  
ALL TONES @ VOL @ 5  
REVERBS @ 5  
0.25P-P 1 KHZ INPUT SIGNAL  
8 OHM LOAD

T.P.	T. LEAD	SS LEAD	T. RHYTHM	SS RHYTHM
1	1Vp-p	2Vp-p	1Vp-p	1Vp-p
2	1Vp-p	1Vp-p	1Vp-p	1Vp-p
3	1Vp-p	1Vp-p	1Vp-p	1Vp-p
4	28Vp-p	6Vp-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	15Vp-p	15Vp-p	45Vp-p
9	50Vp-p	35Vp-p	50Vp-p	25Vp-p
10	50Vp-p	35Vp-p	50Vp-p	25Vp-p
11	50Vp-p	35Vp-p	50Vp-p	25Vp-p
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

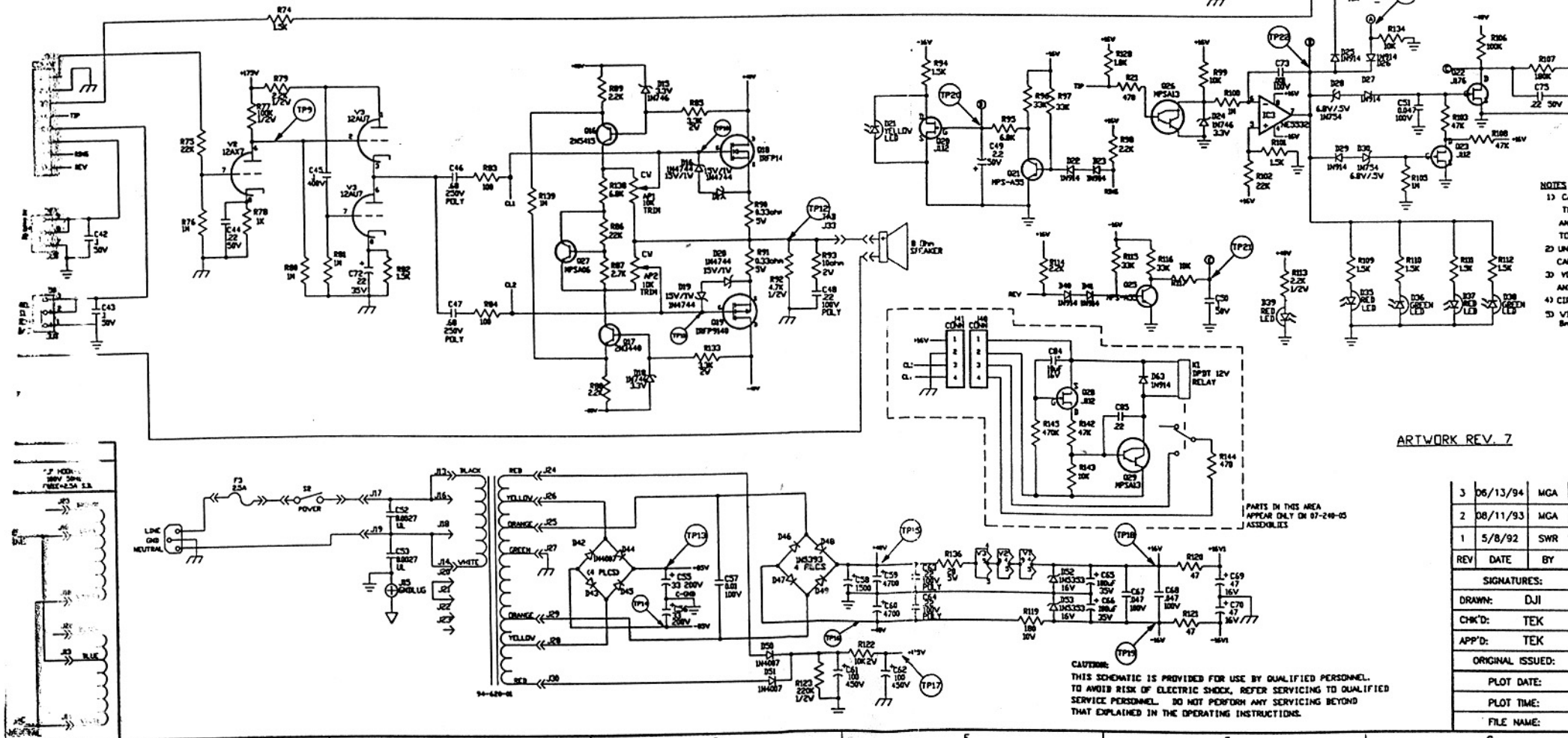
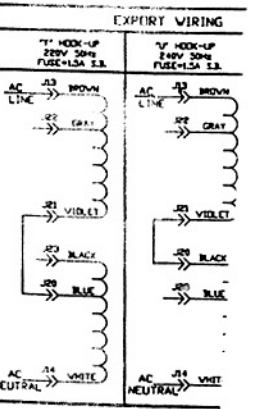
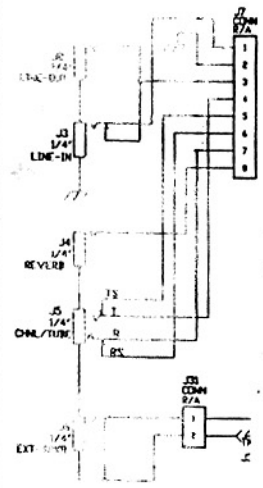
T.P.	T. LEAD	SS LEAD	T. RHYTHM	SS RHYTHM
20	16Vdc	0Vdc	16Vdc	0Vdc
21	16Vdc	16Vdc	16Vdc	16Vdc
22	15Vdc	15Vdc	15Vdc	15Vdc
23	15Vdc	15Vdc	15Vdc	15Vdc
24	0Vdc	0Vdc	15Vdc	15Vdc
25	24Vdc	0Vdc	24Vdc	0Vdc
26	16Vdc	0Vdc	16Vdc	16Vdc
27	0Vdc	16Vdc	16Vdc	16Vdc

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 IS SWITCH GROUND + CHASSIS GROUND.
  - WITH 8OHM LOAD AND AP-2 FULLY CV, ADJUST AP-1 FOR 8mV ACROSS R98 THEN ADJUST AP-2 FOR 80mVdc SPEAKER OUTPUT.

ARTWORK REV. 7

NOTE REV. 1  
ADDED D61, D62, C82 & R136  
REMOVED C23 & R118  
CHANGED VALUES R94, 109-R112, R119, & R132  
CHANGED TUBE HEATER ARRANGEMENT.



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.

REV	DATE	BY	CHK'D	DESCRIPTION
3	06/13/94	MCA		CORRECT TEST POINT NUMBERS IN POWER SUPPLY CIRCUIT
2	08/11/93	MCA		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	SCHEMATIC DRAWING
ORIGINAL ISSUED:	04/20/92	DRAWING NO. 07S240-02/05
PLOT DATE:	06/13/94	
PLOT TIME:	09:24:42	
FILE NAME:	24002H3Z	SCALE: 1:1 SHEET: 1 OF 1