

TEST POINT CONDITIONS FOR PREAMP:

CONDITION "A" = CHANNEL A, GAIN 1 SELECTED, GAIN 1 @ '10', LOW & HIGH @ 'S', LEVEL @ '10', REV @ '0', 1KHZ 40mV SINE WAVE INPUT.

CONDITION "B" = CHANNEL A, GAIN 2 SELECTED, GAIN 2 @ '10', LOW, HIGH @ SHAPE 'S', LEVEL @ '10', REV @ '0', 1KHZ 40mV SINE WAVE INPUT.

CONDITION "C" = CHANNEL B, LEVEL @ '10' LOW, MID, HIGH @ 'S', REV @ '0', 1KHZ 130mV SINE WAVE INPUT.

TP	CONDITION "A"	CONDITION "B"	CONDITION "C"
1	~ .18Up-p	~ .18Up-p	~ 1.5Up-p
2	~ 5.2Up-p	~ 16Up-p	~ 5.4Up-p
3	~ 6.4Up-p	~ 7Up-p	~ .55Up-p
4	~ 5Up-p	~ 5Up-p	
5	~ 12Up-p	~ 14Up-p	
6	~ 2.8Up-p	~ 2.8Up-p	~ 9Up-p
7	~ 6Up-p	~ 8Up-p	~ 6Up-p
8	~ 6Up-p	~ 8Up-p	~ 6Up-p

TEST POINT CONDITIONS FOR POWER AMP:
1KHZ SINE WAVE INPUT INTO INSERT TIP, 8 OHM LOAD.

TP	AC	DC
9	1Up-p	0
10	.65Up-p	.23
11	32.5Up-p	1.3
12	32.5Up-p	-.06
13	30Up-p	0
14	1.5Up-p RIPPLE	35
15	1.5Up-p RIPPLE	-35

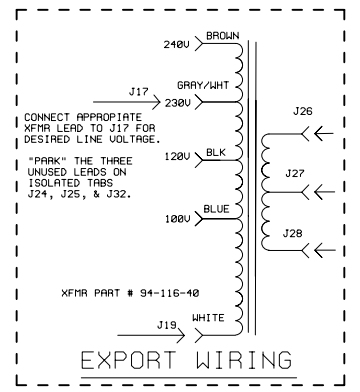
SWITCHING LOGIC:

	(A)	(B)	(C)
CHAN A GAIN1	-10	+10	0
CHAN A GAIN2	-10	0	+10
CHAN B CLEAN	0	+10	0U or +10U

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.
- last designator C71 IC6 J046 Q25 S3 D34 J32 P11 A98

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	00/00/00	XXX	XXX	DESC
2	01/20/98	REM	TEK	ADDED_R99_P11_CCH_TO_GND_PER_E970807.
1	12/29/97	REM	TEK	CHG'D_CAPS_PER_E970868.

SIGNATURES:	DATE:	11800 BORMAN DR. ST. LOUIS, MISSOURI 63146
DRAWN: REM	10/20/97	PROJECT NAME: GFX-65_GUITAR_AMP
CHK'D: TEK	10/20/97	
APP'D: TEK	10/27/97	DRAWING NAME: SCHEMATIC
ORIGINAL ISSUED:	10/20/97	DRAWING NO. 07S249-01
PLOT DATE:	10/27/97	REV. 2
FILE NAME:	24901C2	SCALE: NONE SHEET: 1_OF_1