



CAUTION:
THIS SCHEMATIC IS PROVIDED FOR USE BY QUALIFIED PERSONNEL.
TO AVOID RISK OF ELECTRIC SHOCK, REFER SERVING TO QUALIFIED
PERSONNEL FOR THE OPERATING INSTRUCTIONS.

ORIG. DSF - 3/29/88	CHECKED BY	APPROVED BY
VERS. DRAWN BY		
PART # G-15XL/G-10XL	DRAWING # 18-042-S/2-10XL	
DESCRIPTION: G-15XL / G-10XL SCHEM.		

SLM ELECTRONICS
1400 FERGUSON AVE.
ST. LOUIS, MO 63133

INDEX:
1) 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.

- CONDITIONS
- 1) NORMAL MODE, GAINS AT 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360, 370, 380, 390, 400, 410, 420, 430, 440, 450, 460, 470, 480, 490, 500, 510, 520, 530, 540, 550, 560, 570, 580, 590, 600, 610, 620, 630, 640, 650, 660, 670, 680, 690, 700, 710, 720, 730, 740, 750, 760, 770, 780, 790, 800, 810, 820, 830, 840, 850, 860, 870, 880, 890, 900, 910, 920, 930, 940, 950, 960, 970, 980, 990, 1000.
 - 2) GAINS AT 10, OVERDRIVE ON, HIGH & LOW AT 10, MID AT 0, 3000HZ REVERS AT 0, 2x P-P INPUT.
 - 3) GAINS AT 10, HIGH & LOW AT 10, MID AT 0, OVERDRIVE ON, REVERS AT 0, 4 OHM LOAD, 2x P-P INPUT AT 1000HZ.
 - 4) G-15XL SHOWN (PC CASE 07-218-01) - FOR G-10XL DELETE REVERSE SECTION SHOWN AND R22=10K, R23=10K, R27=330 OHM, G-10XL (PC CASE 07-215-01)

TEST POINTS	CONDITION 1	CONDITION 2	CONDITION 3
1	.11V P-P, 300HZ, 0V DC	.2V P-P, 300HZ, 0V DC	.2V P-P, 1.5KHZ, 0V DC
2	.94V P-P, 0V DC	1.75V P-P, 0V DC	2.4V P-P, 0V DC
3	.82V P-P, 0V DC	1.5V P-P, 0V DC	15V P-P, 0V DC
4	.88V P-P, 0V DC	1.5V P-P, 0V DC	1.5V P-P, 0V DC
* 5	.46V P-P, 0V DC	1.3V P-P, 0V DC	20V P-P, 0V DC
* 6	5.4V P-P, 0V DC	18V P-P, 0V DC	18V P-P, 0V DC
* 7	.1V P-P, 0V DC	.2V P-P, 0V DC	.21V P-P, 0V DC
* 8	.5V P-P, 0V DC	1.7V P-P, 0V DC	1.7V P-P, 0V DC
* 9	.8V P-P, -13.2V DC	2V P-P, -11.15V DC	1.8V P-P, -11.15V DC
* 10	.78V P-P, 13.2V DC	1.8V P-P, 11.2V DC	1.7V P-P, 11.18V DC

CIRCUIT GROUND