

TEST POINTS	VOLTAGE
1	1.2V p-p, 0 VDC
2	1.9V p-p, 0 VDC
3	1.8V p-p, 0 VDC
4	1.8V p-p, 0 VDC
5	1.8V p-p, 0 VDC
6	1.8V p-p, 0 VDC
CONDITION: VOLUME & GAIN @ 10, EQ & SHAPE FLAT, BOOST 'OFF', 1kHz 60mV p-p INPUT INTO '0dB'.	

NOTES:

- 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.

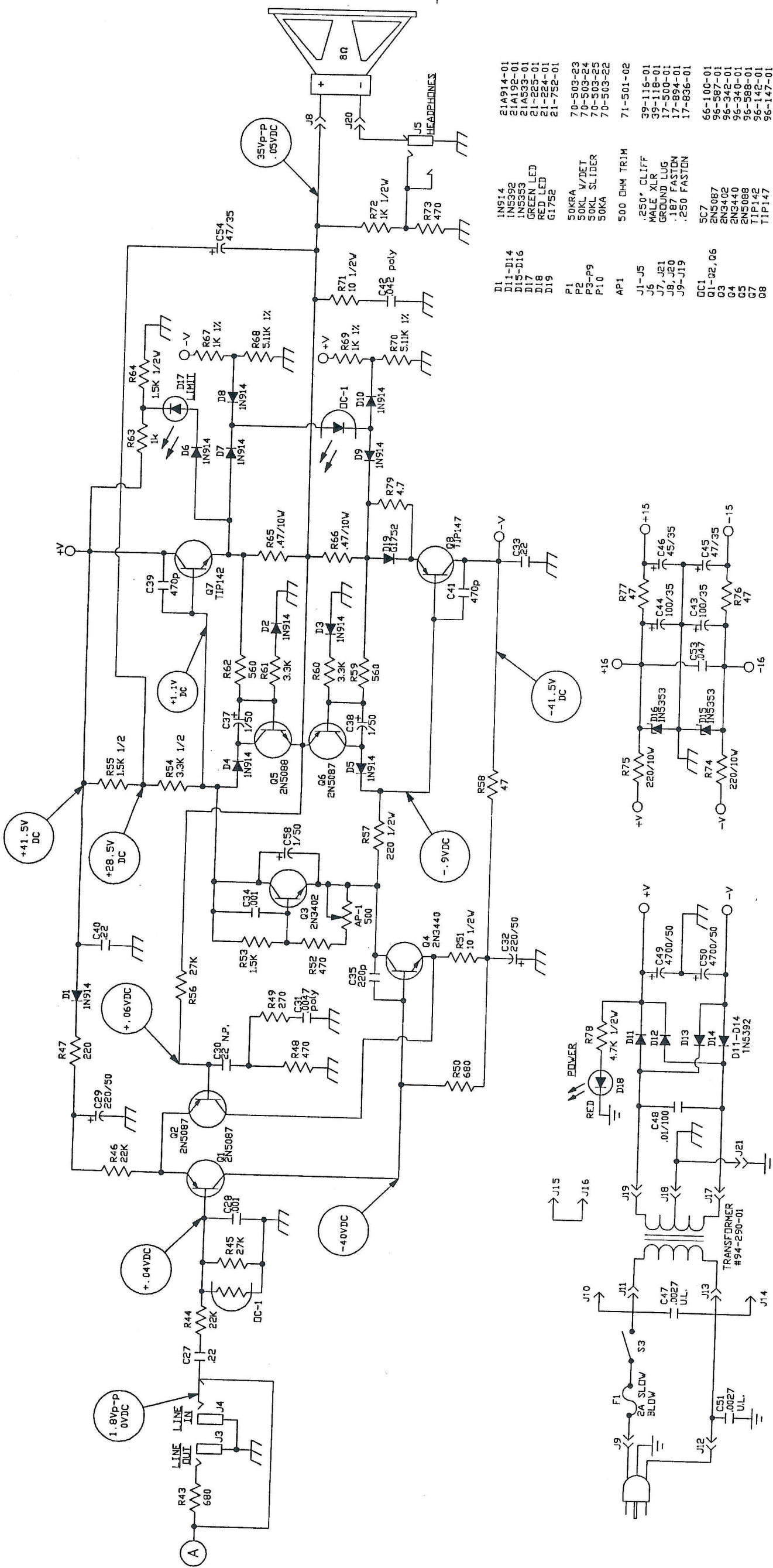
CAUTION:

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.

1	SVR 11/12/92		
ORIG.	DAN-7/12/89		
VERS.	DRAWN BY	CHECKED BY	APPROVED BY
PAGE #	1 OF 2	DRAWING #	16-407-01
DESCRIPTION: BX-80 PRE-AMP SCHEM.			

1-CHANGED DESCRIPTION FROM: B-80XL TO: BX-80

SLM ELECTRONICS
11880 BORMAN DR.
ST. LOUIS, MO 63146



- | | | |
|-----------|---------------|-----------|
| D1 | 1N914 | 21A914-01 |
| D11-D14 | 1N5392 | 21A192-01 |
| D15-D16 | 1N5353 | 21A533-01 |
| D17 | GREEN LED | 21-225-01 |
| D18 | RED LED | 21-224-01 |
| D19 | G1752 | 21-752-01 |
| P1 | 50KRA | 70-503-23 |
| P2 | 50KLA V/DET | 70-503-24 |
| P3-P9 | 50KLA SLIDER | 70-503-25 |
| P10 | 50KA | 70-503-22 |
| AP1 | 500 OHM TRIM | 71-501-02 |
| J1-J5 | .250" CLIFF | 39-116-01 |
| J6 | MALE XLK | 39-118-01 |
| J7-J21 | GROUND LUG | 17-500-01 |
| J8-J20 | .187 FASTON | 17-894-01 |
| J9-J19 | .250 FASTON | 17-836-01 |
| Q1 | 5C7 | 66-100-01 |
| Q1-02, Q6 | 2N5087 | 96-587-01 |
| Q3 | 2N3402 | 96-342-01 |
| Q4 | 2N3440 | 96-340-01 |
| Q5 | 2N5088 | 96-588-01 |
| Q7 | TIP142 | 96-142-01 |
| Q8 | TIP147 | 96-147-01 |
| IC1-IC3 | 4558 | 37-458-01 |
| SV1-SV2 | PC-PB SWITCH | 88-302-01 |
| SV3 | PVR SWITCH | 88-102-01 |
| F1 | 2A S.B. | 23-312-01 |
| RC1 | 12 PIN RIBBON | 99-124-02 |

NOTE:
SET AP-1 TO 15mV FOR MOTOROLA ACROSS R65 AT TURN ON.
SET AP-1 TO 10mV FOR T.I. ACROSS R65 AT TURN ON.
DC MEASUREMENTS MADE WITH NO SIGNAL & AN 80 LOAD.

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.
- 3) CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
- 4) VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLTMETER.
- 5) CIRCUIT GROUND \perp CHASSIS GROUND \perp

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TO AVOID RISK OF ELECTRIC SHOCK, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DO NOT PERFORM ANY SERVICING BEYOND THAT EXPLAINED IN THE OPERATING INSTRUCTIONS.

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1	SVR	11/12/92		
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PAGE #	2 OF 2	DRAWING #	16-407-01	
DESCRIPTION: BX-80 POWER AMP SCHEM.				

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