


- TEST POINT CONDITIONS
- 1 KHZ 35mVrms INPUT SIGNAL
 - 2 CLEAN GAIN, VOLUMES, MASTER @ "10"
 - 3 OVERDRIVE GAIN, TONES @ "5"
 - 4 BUTTONS "OUT"
 - 5 * TEST POINT ON 07566-XX SCHEMATIC

TEST POINTS


| T.P. | AC VOLTAGE | DC VOLTAGE | WAVEFORM | CONDITIONS: |
|--------|------------|------------|----------|-------------------------------|
| TP1 | 2.5V pp | 0V | | |
| TP1 | 0.4V pp | 0V | | PAD BUTTON "IN" |
| TP2 | 1.4V pp | 0V | | |
| TP3 | -- | 1.5V | | |
| TP3 | -- | 1.8V | | COMPRESSOR BUTTON "IN" |
| TP4 | -- | 12V | | |
| TP4 | -- | 0V | | MUTE BUTTON "IN" |
| TP5 | 1.3V pp | 0V | | |
| TP6 | 5.8V pp | 0V | | |
| * TP7 | .14V pp | 0V | | |
| * TP7 | .7V pp | 0V | CLIPPED | BOOST BUTTON "IN" |
| * TP8 | 2.2V pp | 0V | CLIPPED | |
| * TP9 | .3V pp | 0V | CLIPPED | |
| TP10 | 2.4V pp | 0V | CLIPPED | CHAN. SELECT BUTTON "IN" |
| * TP11 | -- | 14V | | |
| * TP11 | -- | 0V | | GATE BUTTON "IN" W/ NO SIGNAL |

| T.P. | AC VOLTAGE | DC VOLTAGE | WAVEFORM | CONDITIONS: |
|------|------------|------------|---|--------------------------|
| TP12 | -- | 14V | | |
| TP12 | -- | 0V | | CHAN. SELECT BUTTON "IN" |
| TP13 | -- | 0V | | |
| TP13 | -- | 14V | | COMBINE BUTTON "IN" |
| TP14 | -- | 0V | | |
| TP14 | -- | 15V | | OCTAVE FOOTSW. CLOSED |
| TP15 | 8V | 4V |  | |
| TP16 | 0.4V pp | 0V | | FREQ. CCW; BAL CW |
| TP16 | 0V | 0V | | FREQ. CW; BAL CCW |
| TP17 | 0.4V pp | 0V | | FREQ. CW; BAL CCW |
| TP17 | 0V | 0V | | FREQ. CCW; BAL CW |

| Power Table | | | | | | | |
|-------------|--------|------|------|------|------|-----|-------|
| RefDes | Value | -14V | +15V | -15V | +14V | +8V | D-GND |
| IC1A | TLO-72 | 4 | | | 8 | | |
| IC2A | TLO-72 | | 8 | 4 | | | |
| IC3A | NE5532 | | 8 | 4 | | | |
| IC4A | TLO-74 | | 4 | 11 | | | |
| IC5A | CD4013 | | | | | 14 | 7 |
| IC6A | TLO-74 | | 4 | 11 | | | |
| IC7A | TLO-74 | | 4 | 11 | | | |
| IC8A | TLO-74 | | 4 | 11 | | | |

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.

- 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.
CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
 - 3) VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE
AND 10 MEGOHM DIGITAL VOLTMETER.

| 1 | 5/23/03 | NOISE ISSUES, BOARD TO -02 | | | | |
|--|---------|----------------------------|---------------|------------------------------|--|------|
| 0 | 8/30/01 | CONTROL ISSUE | | | | |
| REV | Date | DESCRIPTION | Ecr(s)/Ecn(s) | Chgd By | Appvd by | Date |
| THE INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC. | | | | | | |
| Signatures: | | | Date: | |  11880 Borman Drive, St. Louis, MO 63146 First Used On: | |
| Drawn: WFB | | | 6/4/01 | | | |
| Checked: | | | | | | |
| Released: | | | | | | |
| Plot Date: Fri Jun 13, 2003 | | Drawing Size: C | | Drawing Title: BASS PREAMP A | | |
| Plot Time: 09:00:41 | | Drawing Type: Schematic | | Drawing Number: 07S565-XX | | |
| Tolerance: | | Class Code: NONE | | Sheet 4 of 4 | | |