

STD-1 STEREO TAPPED DELAY
CALIBRATION AND BENCH TEST

1. POWER SUPPLY

- (A) PROBE TP-16, ADJUST T-26 FOR +16V +/- 1%
PROBE TP-17, ADJUST T-26 FOR -16V +/- 1%

2. CLOCK FREQUENCY

- (A) WITH FREQ. COUNTER PROBE TP-14, SET FIXED DELAY CONTROL
CW AND ADJUST T-25 FOR 300 KHz.
(B) SET FIXED DELAY CCW AND ADJUST T-24 FOR 60 KHz.
(C) SET CV MIX CW AND SET SWEEP CCW, CLOCK SHOULD SWEEP
FROM 60 KHz TO 300 KHz -ADJUST T-22 (RANGE) AND T-23 (BIAS)
TO SWEEP SPECIFIED RANGE. R-188'S VALUE MAY NEED TO BE
VARIED TO ACCOMIDATE 4007 AND 4047 VENDORS.
NOTE: ON DISASSEMBLED UNITS USE SHORTING PLUG ON
KC CONNECTOR.

3. LFO

- (A) PROBE TP-13, SET SWEEP CCW AND ADJUST T-21 FOR A
APPROXIMATELY 25 SEC. SWEEP CYCLE, OBSERVE THAT LFO
DOES NOT STALL.
(B) GRADUALLY INCREASE SPEED CW, AS SPEED INCREASES A DAMPING
OF SIGNAL WILL OCCUR.

4. SIGNAL PATH

- (A) INJECT A 1 KHz SIGNAL AT KB-4, PROBE TP-2 AND ADJUST
INPUT LEVEL FOR 2V P-P.
(B) PROBE TP-4, PLACE TAP 6 IN BUSS A, INCREASE INPUT LEVEL
UNTIL CLIPPING OCCURS AND ADJUST T-1 FOR SYMMETRICAL
CLIPPING.
(C) PROBE TP-4, INCREASE INPUT LEVEL UNTIL CLIPPING IS
OBSERVED AND ADJUST HEADROOM TRIM (LOCATED AT FRONT PANEL)
UNTIL 0dB LED LIGHTS.
(D) PROBE TP-2 AND ADJUST INPUT LEVEL FOR 2V P-P.
(E) PROBE TP-4 AND TURN OFF ALL TAP ASSIGNMENTS (CENTER POSITION).
PLACE TAP 1 IN BUSS A, ADJUST T-5 FOR 2V P-P, THEN SWITCH OFF.
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| " | " | 2 | " | " | " | " | T-6 | " | " | " | " | " | " |
| " | " | 3 | " | " | " | " | T-7 | " | " | " | " | " | " |
| " | " | 4 | " | " | " | " | T-8 | " | " | " | " | " | " |
| " | " | 5 | " | " | " | " | T-9 | " | " | " | " | " | " |
| " | " | 6 | " | " | " | " | T-10 | " | " | " | " | " | " |

