MICROTUBE 200
BURN-IN PROCEDURES

1) Burn in units side by side and upside-down (for access to the circuit boards). Lay the bottom covers in place but do not screw down. Be careful not to scratch the covers.

2) Put an 8-ohm resistive load into the mono output jack.

3) Insert a 2kHz sine wave into the input of the variable duty-cycle jig. Set the jig to pulsed mode, 50% duty cycle, & 0.33Hz (1.5 seconds on, 1.5 seconds off). Put the output of the variable duty-cycle jig into the mono input jack of the burn-in unit.

4) Set Level to maximum and Presence to minimum, turn Power Switch to ON, then turn Standby to ON.

5) Turn down the level on the 2kHz signal generator and turn main power strip for the burn-in rack OFF and ON 5 times (note: maximum of 5 units on 20Amp circuit breaker).

6) Make sure the line voltage is at least 117 Volts, and turn up the signal generator so the power amp output into the 8-ohm load is 15Vp-p (50% duty cycle).

7) Burn in for 3 hours.

8) With portable meter, check output device matching after units have been burning in for at least 1 hour. Be careful not to short leads of output devices with test leads.

9) After the units have been burned in for 3 hours, remove input signal and verify correct bias current while the unit is HOT.

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