

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.

