GENERAL NOTES (applies to all sheets)

- 1. Electronic project is a low-voltage (24VAC) vacuum tube, discrete solid-state hybrid stereo hi-fidelity headphone amplifier. Components are shown to provide reference for Lansing enclosure machining. PCB will be located in the bottom slot of the case. All components, except for the vacuum tubes, will be limited to 1" total height from the top surface of the PCB and will be totally enclosed within the case.
- 2. Case is based on Lansing #DT1A60-06A1 (clear) or #DT1K60-06B2 (black). Case includes the option for the Extended Metal Panel 4 Hole on front and back with same finish as rest of case. Endplate screws shall also be silver for a clear case and black for a black case. General case dimensions are 5.528 inches wide by 6 inches long and 1.52 inches high.
- Frontplate machining design includes holes for a volume pot shaft with locator stud and a standard phone jack for 1/4" stereo phone plugs. Silkscreen is included.
 Backplate machining design includes holes for Right and Left channel RCA jacks, three ti
- 4. Backplate machining design includes holes for Right and Left channel RCA jacks, three tip jacks for multimeter measurement, a low-voltage AC input jack (same as DC adapter jacks), and a pushbutton power switch. Power switch requires a circular hole with a bottom locater key as dimensioned on M002. Silkscreen is included.
 5. Extruded body top includes large holes for two vacuum tubes (left and right stereo channels).

included for adjusting the tubes' bias using multi-turn trimmers and a trimmer adjustment tool or small screwdriver. Parallel angled cooling slots are aligned over board mounted, extruded 1" tall

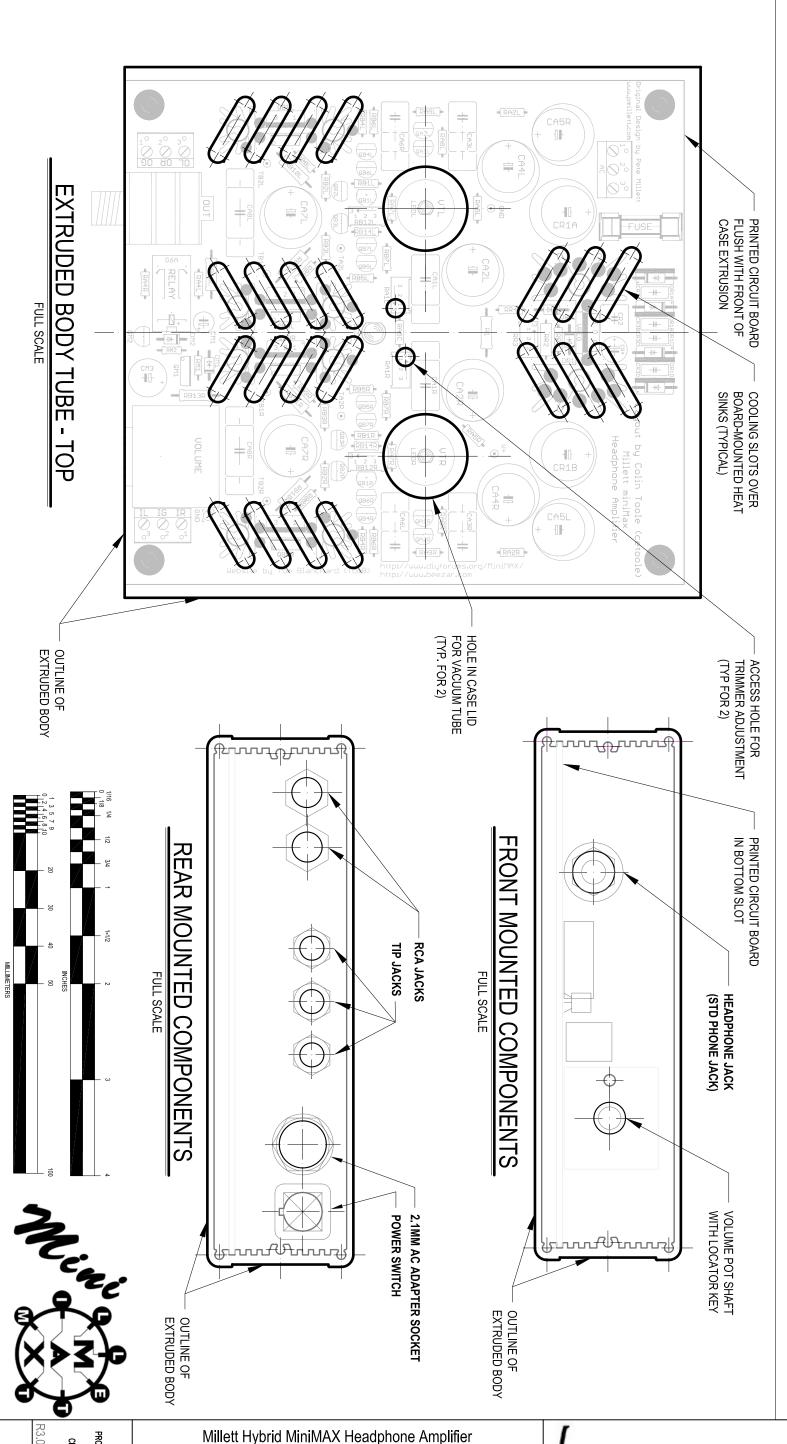
neat sinks. There is no silkscreening for body top.

Tubes are approximately two inches tall and will stick out of the case holes. Two smaller holes are

- 6. Extruded body bottom includes duplicate of cooling slot pattern used on top, but with no tube or bias adjust holes. Dimensions are detailed on sheet M003. One hole, along the vertical centerline of the extruded body bottom, is included as a PCB mounting/locator hole. There is no silkscreen for the extruded body bottom.
- 7. Extruded body sides includes symmetrical and angled cooling slots. Slots are positions so as to be above the PCB top surface and within the top and bottom side features of the Lansing "D" style case. Dimensions are detailed on sheet M003. There is no silkscreen for the extruded body sides. 8. Premliminary estimates are for 100+ cases, with a To-Be-Determined mix between black and clear cases.
- Silkscreen shall be black on a clear case or white on a black case. See sheet M004 for details on silkscreening.

beezar.com

home of OoleAudio and the Millett MAX



DIYforums.org, beezar.com

Component Reference

PROJ. OFFICER: TMB
DRAWN BY: TMB
CHECKED BY: TMB

M001

PROJECT # MiniMAX-1 DATE: 9/16/2008