

Desktop Headphone Amplifier
agdr, 7/17/2013
panel hole CAD dimensions

x,y, diameter

Origin at lower left corner (0.00,0.00). In mm.

Bottom of panel to top of PCB 12.71mm = 0.50 inches
Left and right panel to PCB edge 4.90mm = 0.1929 inches

Rear Panel - looking at it from the rear of the chassis

ALL IN MM (x, y, dia)		
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Blank panel stock		169.80 x 53.30 x 2.00thick
Blank panel color		blue
Blank panel finish		anodized aluminum
Panel to chasis upper right hole		163.60 x 47.90 x 3.50dia
Panel to chasis lower right hole		163.60 x 5.40 x 3.50dia
Panel to chasis upper left hole		6.20 x 47.90 x 3.50dia
Panel to chassis lower left hole		6.20 x 5.40 x 3.50dia
Panel lower center hole		84.90 x 4.00 x 3.50dia
Panel corner radius from mounting hole center		6.00
RCA input lower	J1	17.65 x 19.92 x 10.75dia
RCA input upper	J1	17.65 x 33.76 x 10.75dia
RCA input mounting screw	J1	26.65 x 26.67 x 3.0dia
Negative voltage LDO regulator	IC7	35.9 x 30.73 x 4.00dia
Negative voltage pre-regulator	IC4	49.15 x 28.50 x 4.00dia
Voltage selector push button	S4	60.9 x 17.93 x 9.00dia
Positive voltage LDO regulator	IC6	72.4 x 30.73 x 4.00dia
Positive voltage pre-regulator	IC3	85.15 x 28.50 x 4.00dia
Power switch	S1	139.15 x 18.85 x 6.40dia
DC power jack	J3	152.15 x 19.00 x 9.50dia

Front Panel - looking at it from the front of the chassis

ALL IN MM (x, y, dia)	
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Blank panel stock	169.80 x 53.30 x 2.00thick
Blank panel color	blue
Blank panel finish	anodized aluminum
Panel to chasis upper right hole	163.60 x 47.90 x 3.50dia
Panel to chasis lower right hole	163.60 x 5.4 x 3.50dia
Panel to chasis upper left hole	6.20 x 47.90 x 3.50dia
Panel to chassis lower left hole	6.20 x 5.40 x 3.50dia
Panel lower center hole	84.90 x 4.00 x 3.50dia

Panel corner radius from mounting hole center		6.00
1/4" output jack	J6	17.65 x 19.21 x 11.2dia
3.5mm output jack	J4	39.09 x 19.71 x 6.0dia
RCA pre-amp input lower	J5	59.40 x 19.92 x 10.75dia
RCA pre-amp input upper	J5	59.40 x 33.76 x 10.75dia
RCA pre-amp input screw	J5	68.40 x 26.67 x 3.0dia
Volume pot	VR1	93.65 x 19.21 x 7.0dia
Power OK left LED	LED4	104.65 x 17.71 x 3.0dia
Power OK right LED	LED5	110.65 x 17.71 x 3.0dia
Gain switch	S3	122.40 x 19.21 x 7.0dia
Clipping LED	LED3	131.65 x 17.71 x 3.0dia
Input select switch	S2	139.4 x 17.93 x 9.0dia
3.5mm input jack	J2	154.84 x 19.71 x 6.0dia