

Bastanis Open Baffle & Bass Loudspeakers

Wood Cutting Plans
and
OB Wiring Layout



Wood is either 25mm Birch Ply (preferable) or MDF

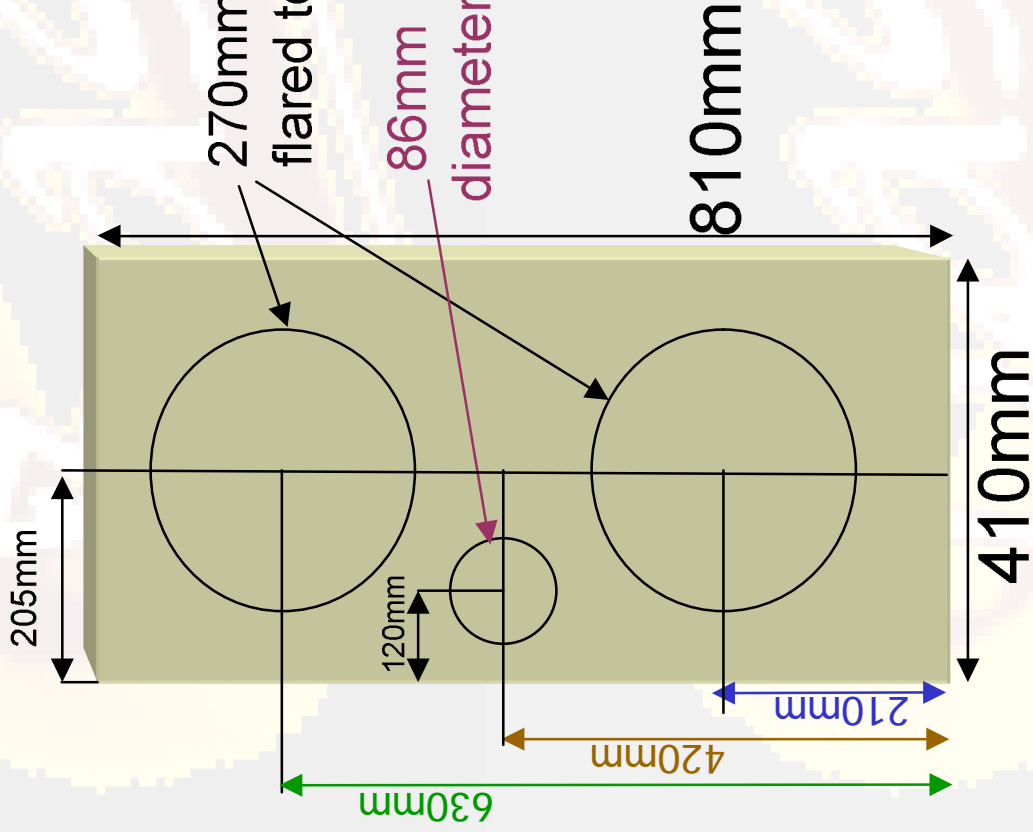
Note: diagrams are not drawn to scale



Atlas Main Baffle

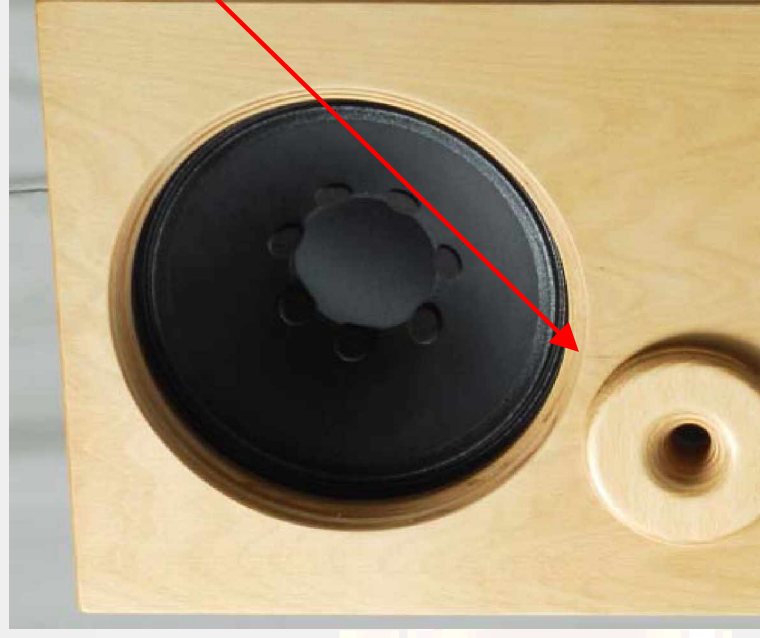
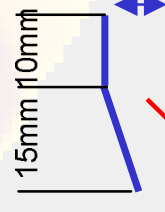


Left Baffle 1 Piece 810mm x 410mm

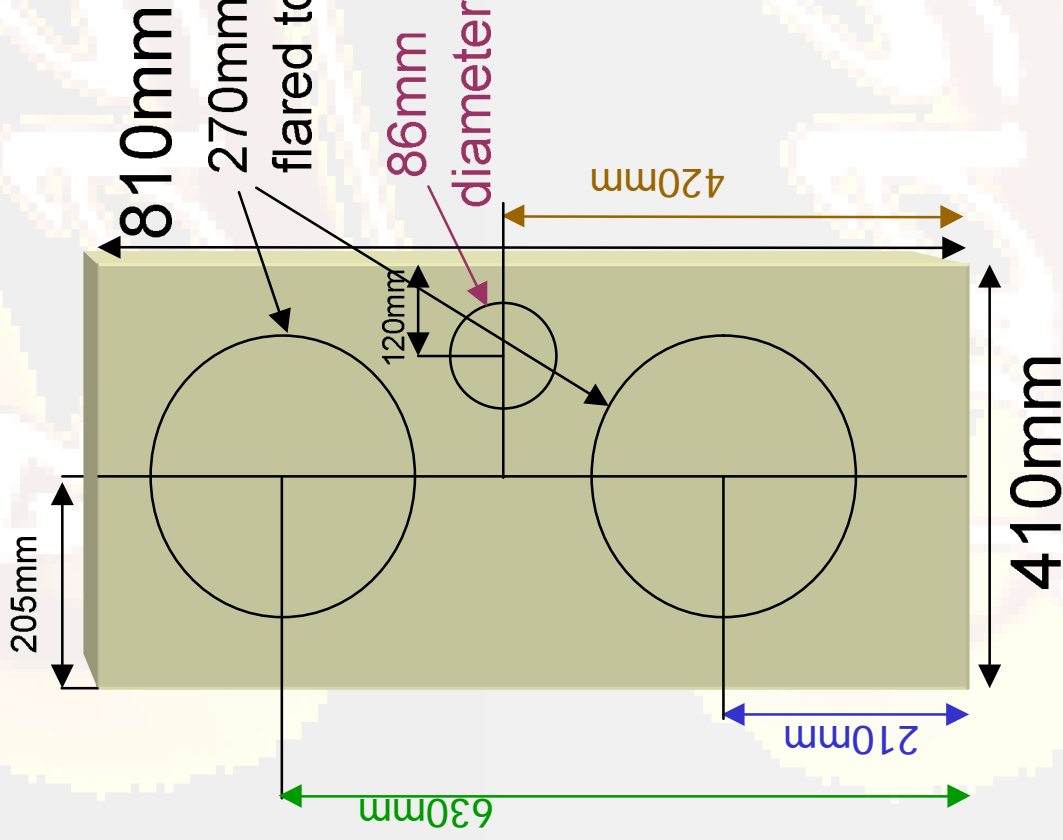


Atlas Open Baffle Left

270mm hole "flares"
to 284mm for front 15mm

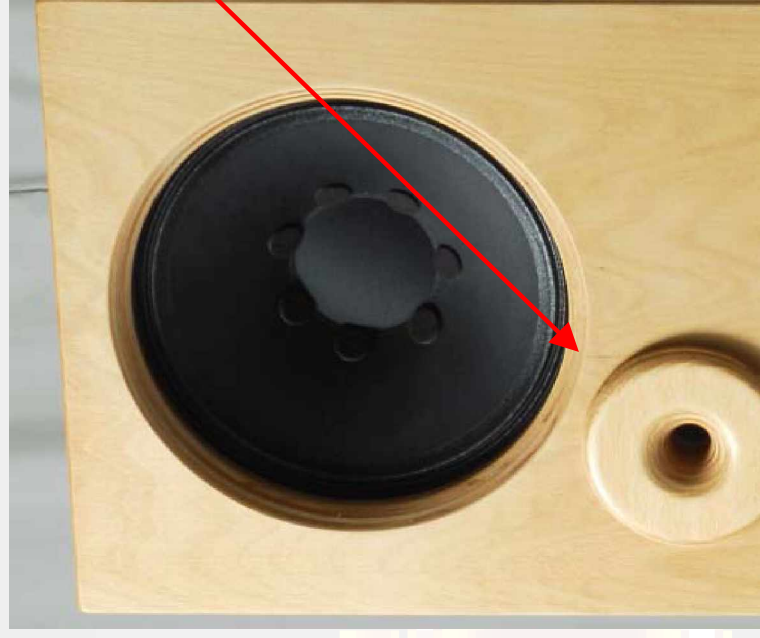
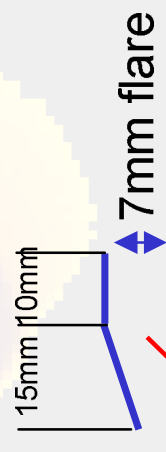


Right Baffle 1 Piece 810mm x 410mm



Atlas Open Baffle Right

270mm hole "flares" to 284mm for front 15mm

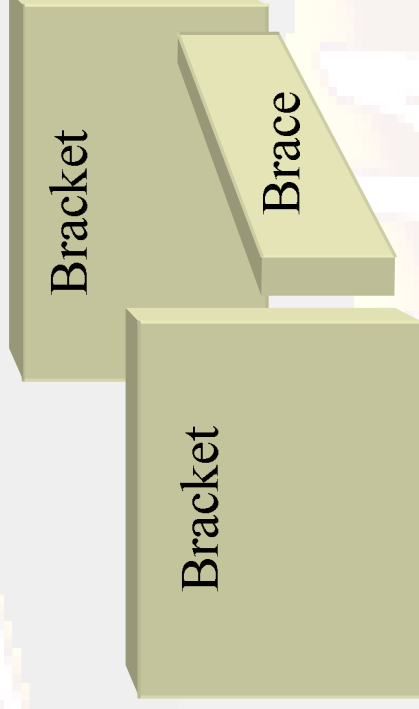


Brace 2 Pieces 330mm x 50mm
Brackets 4 cut 250mm x 150mm

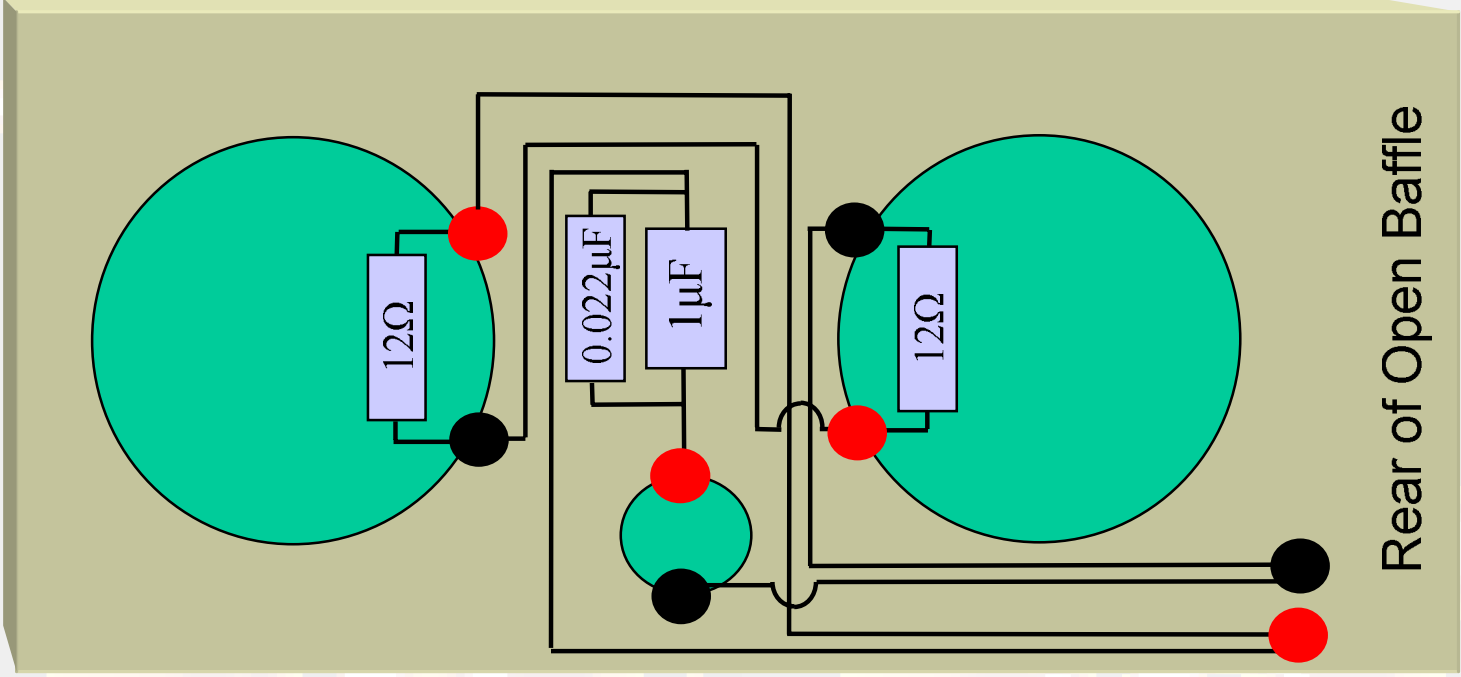


Open Baffle Brackets

6



Atlas Wiring Layout



Wideband

Tweeter

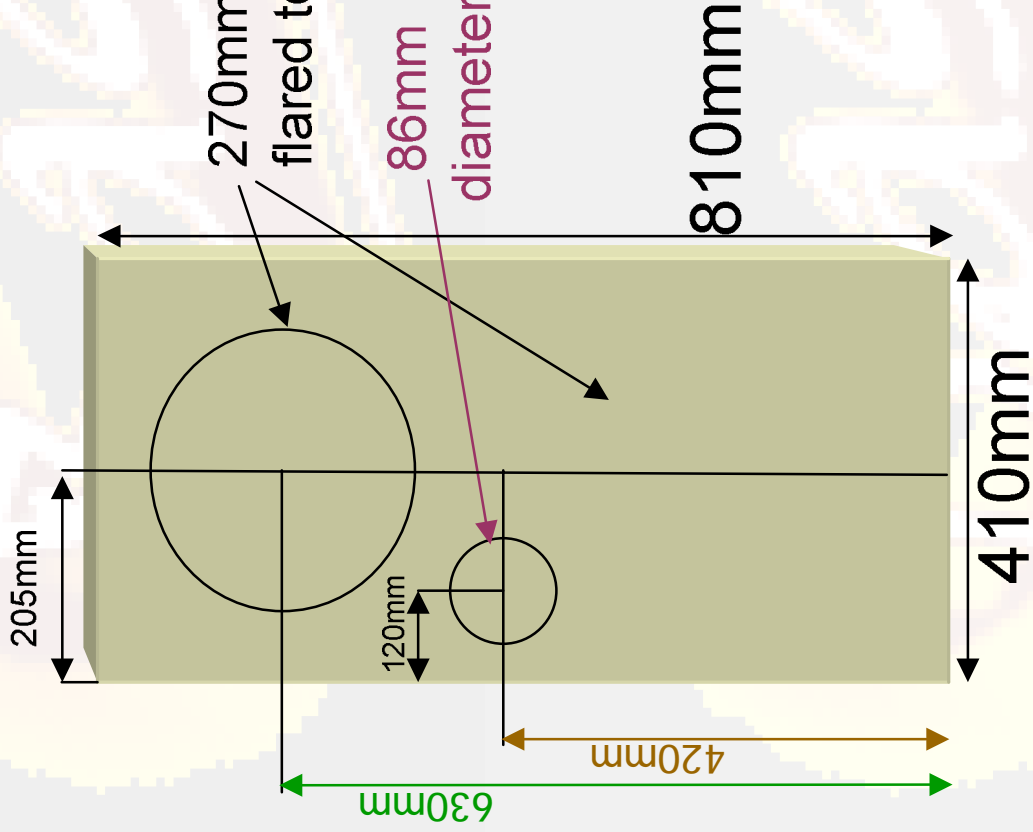
Wideband

Binding Posts

Rear of Open Baffle

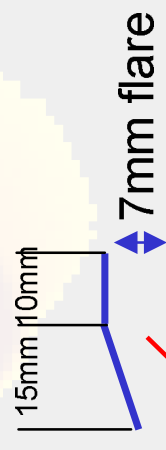


Left Baffle 1 Piece 810mm x 410mm

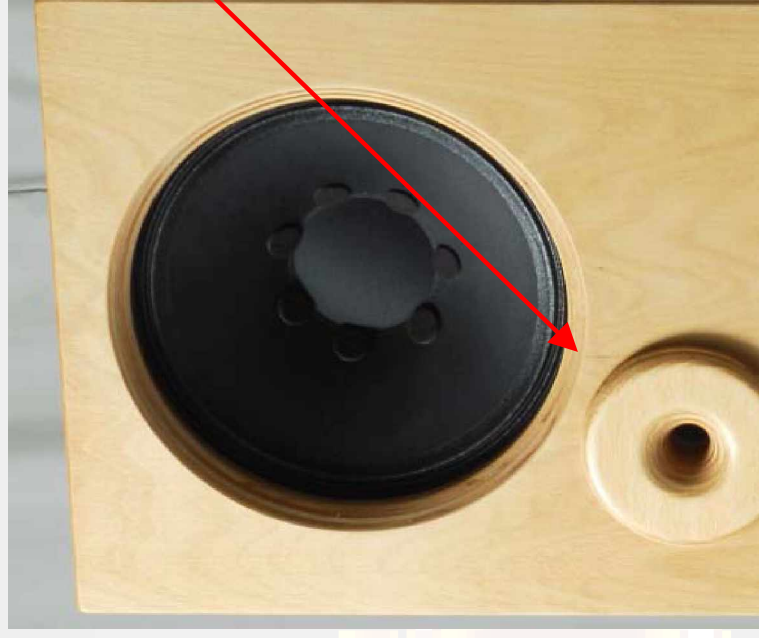


Prometheus Open Baffle Left

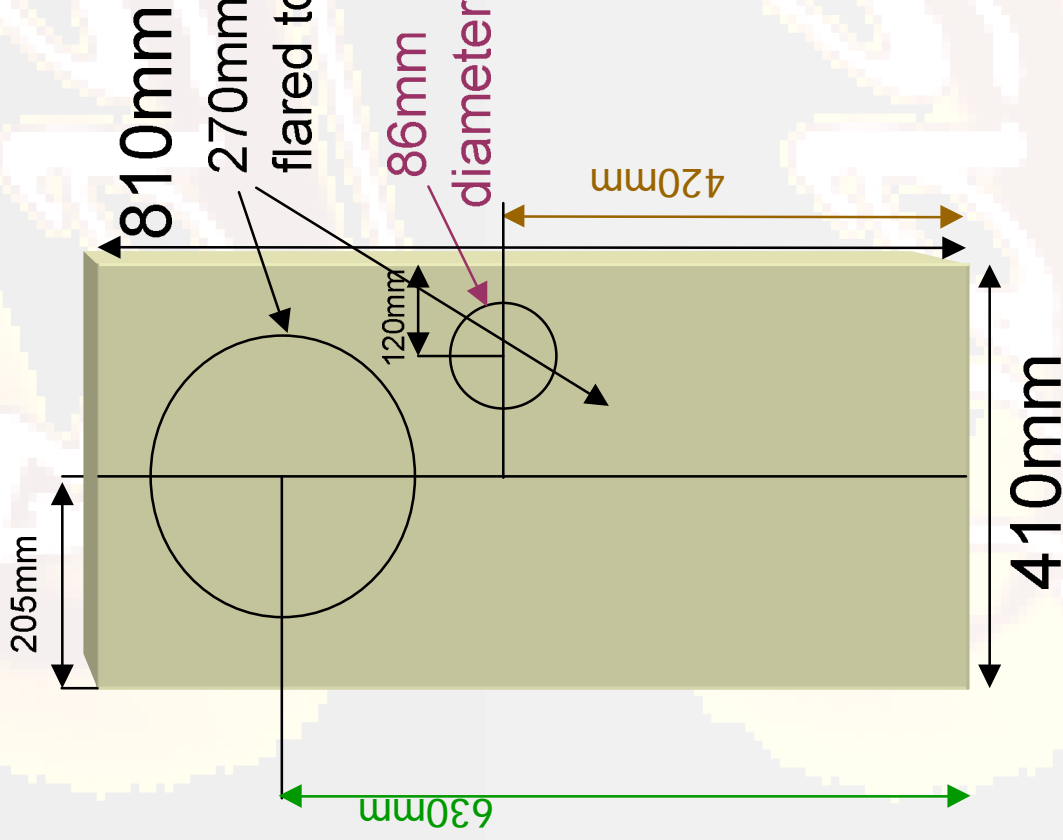
270mm hole "flares"
to 284mm for front 15mm



270mm diameter for rear 10mm
flared to 284mm for front 15mm

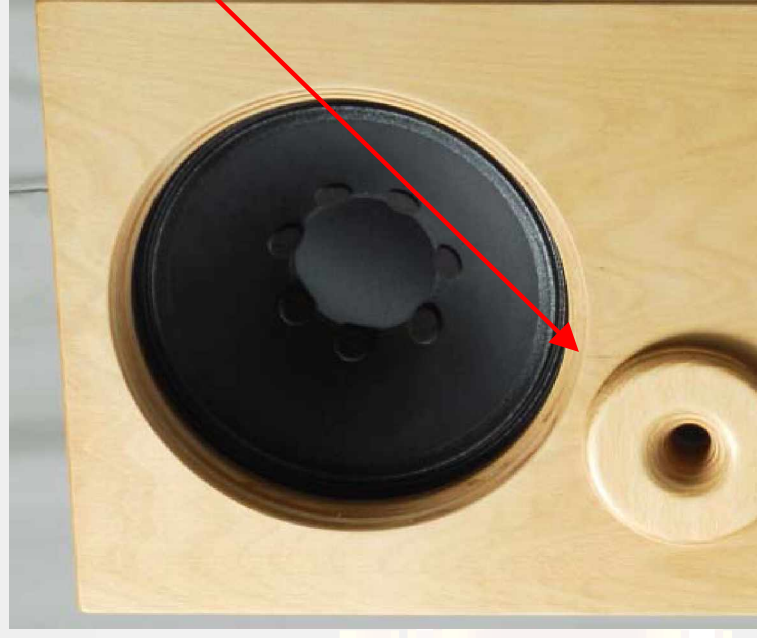
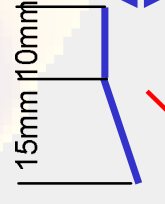


Right Baffle 1 Piece 810mm x 410mm



Prometheus Open Baffle Right

270mm hole "flares"
to 284mm for front 15mm



270mm diameter for rear 10mm
flared to 284mm for front 15mm

630mm

205mm

810mm

120mm

86mm
diameter

420mm

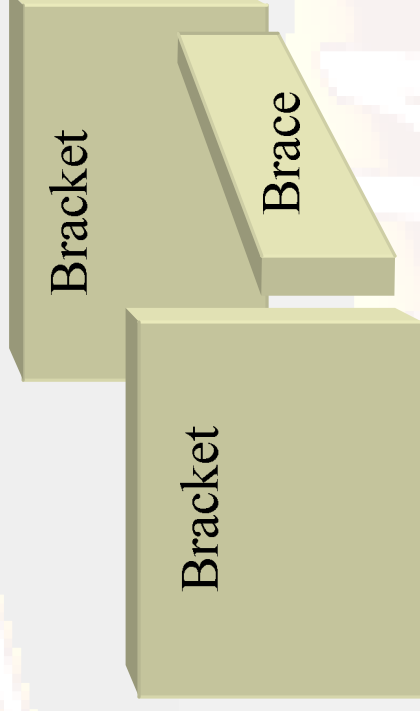
410mm

15mm 10mm

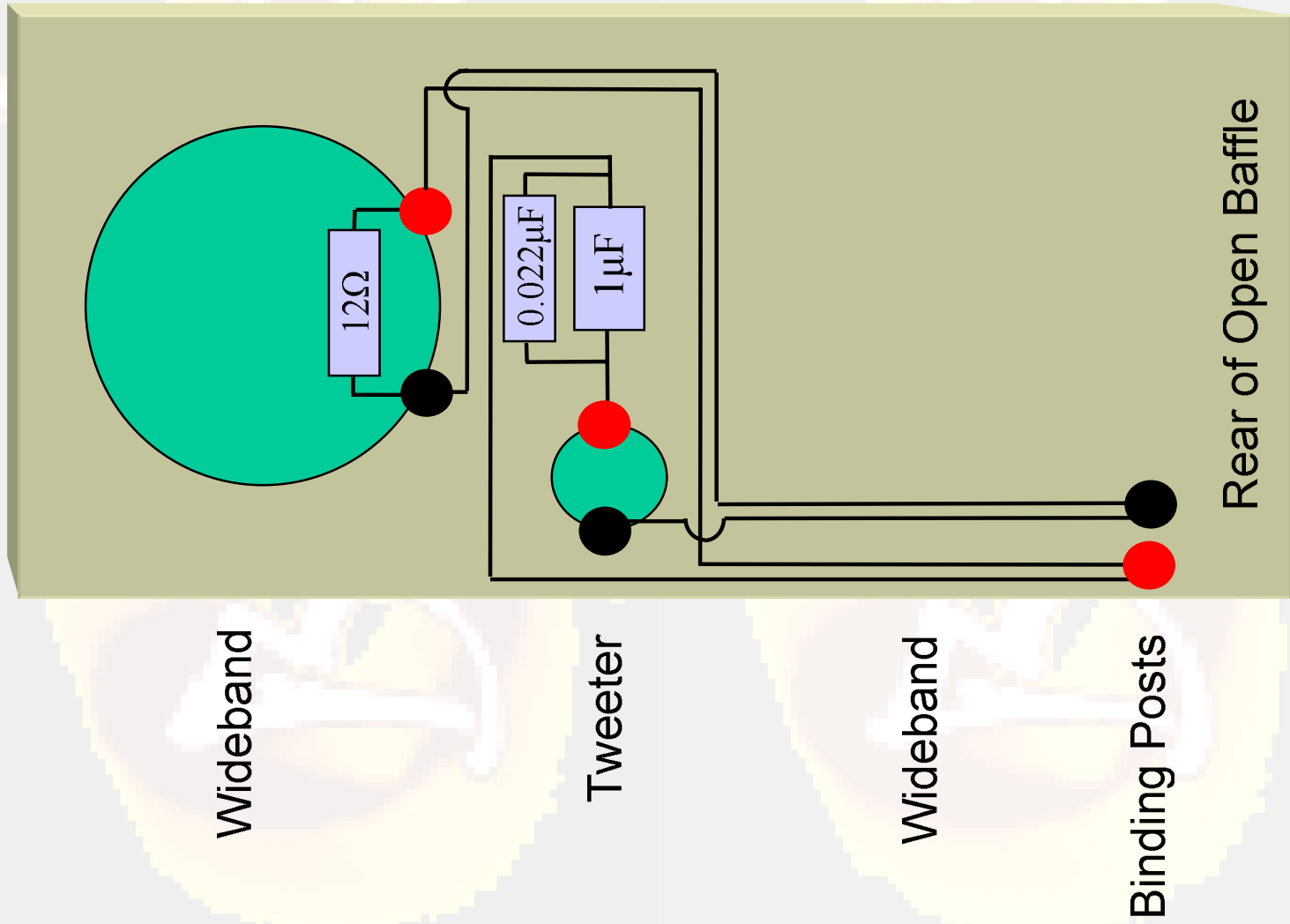
7mm flare

Open Baffle Brackets

Brace 2 Pieces 330mm x 50mm
Brackets 4 pieces 250mm x 150mm



Prometheus Wiring Layout

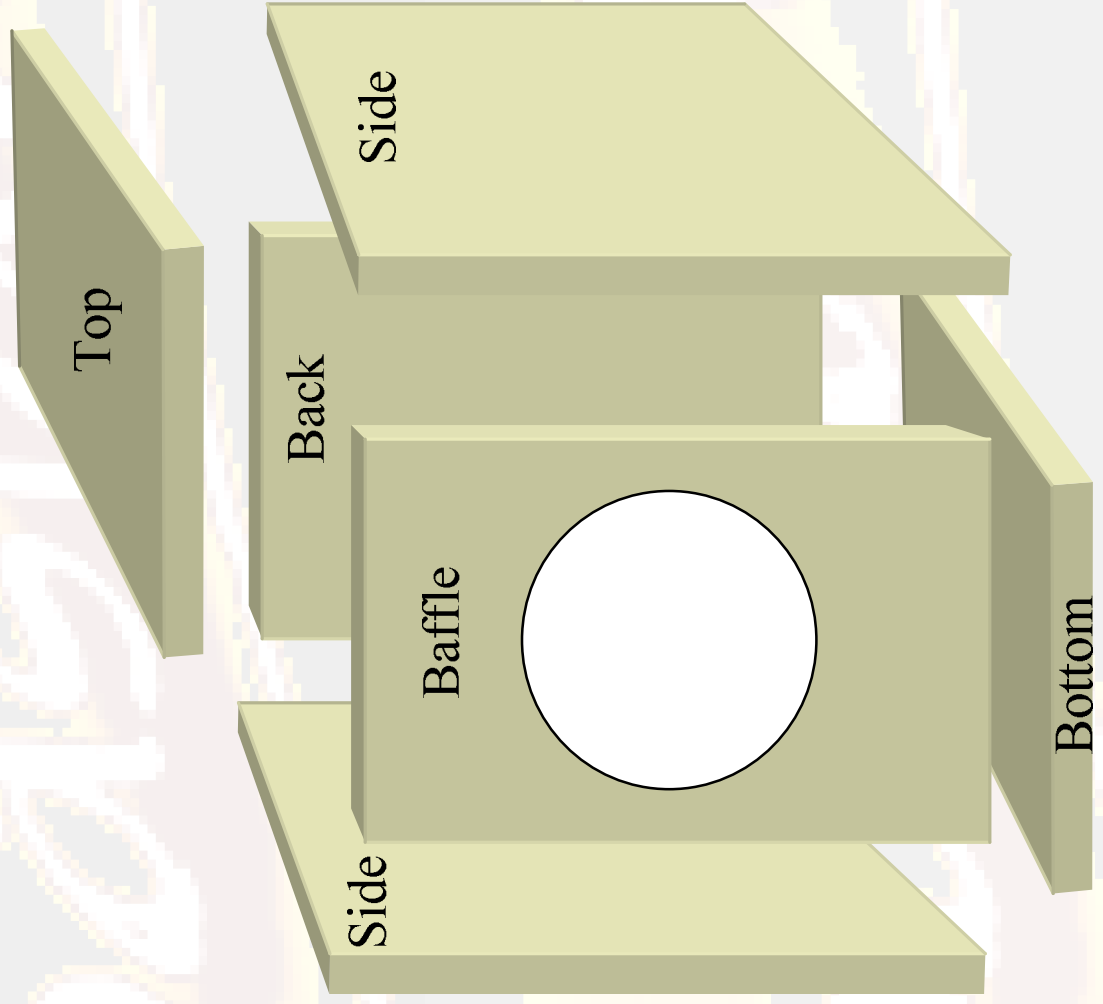


Mandala Bass Cabinet **for** **12-inch driver**

Note: fix binding posts to the rear.

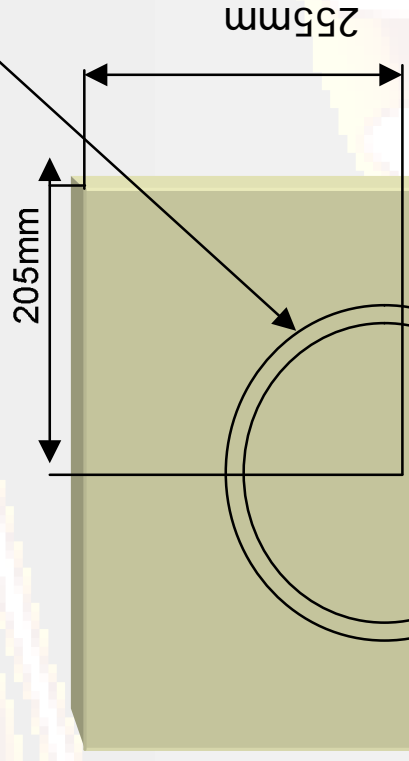
12" Bass Cabinet

- Baffle & back panels 4 pieces 510mm x 410mm**
- Sides 4 pieces 510mm x 260mm**
- Top & Bottom 4 pieces 360mm x 260mm**



12" Bass Cabinet Baffle Cutout

280mm diameter



510mm

306mm diameter to
depth of 12mm

410mm

Mandala Bass Cabinet **for** **15-inch driver**

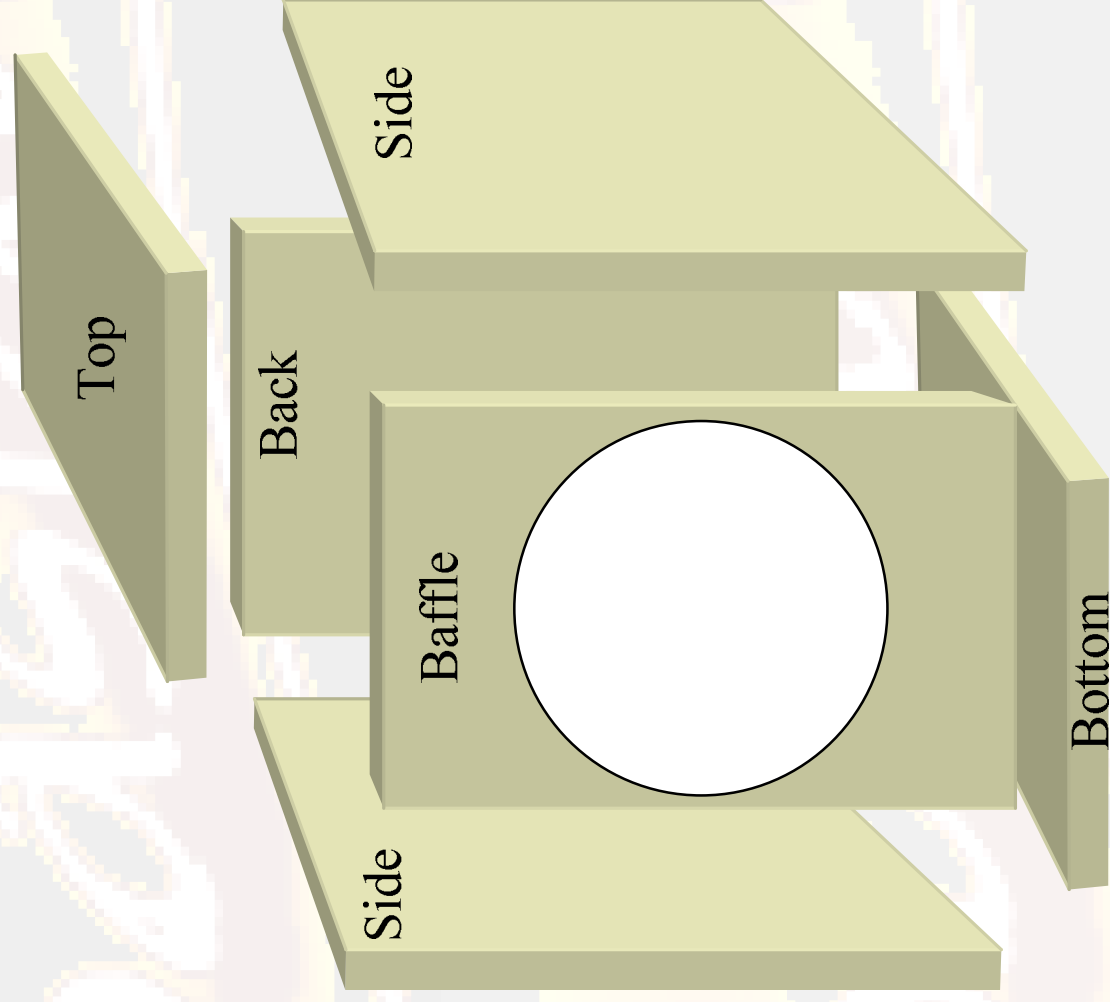
Note: fix binding posts to the rear.

15" Bass Cabinet

Baffle & back panels 4 pieces 510mm x 410mm

Sides 4 pieces 510mm x 360mm

Top & Bottom 4 pieces 360mm x 360mm

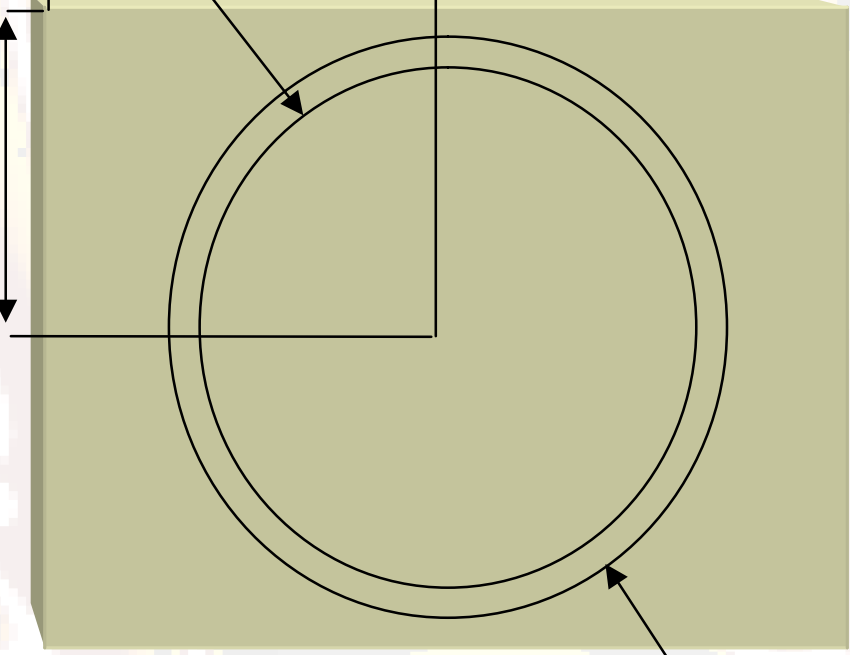


15" Bass Cabinet Baffle Cutout

355mm diameter

205mm

255mm



510mm

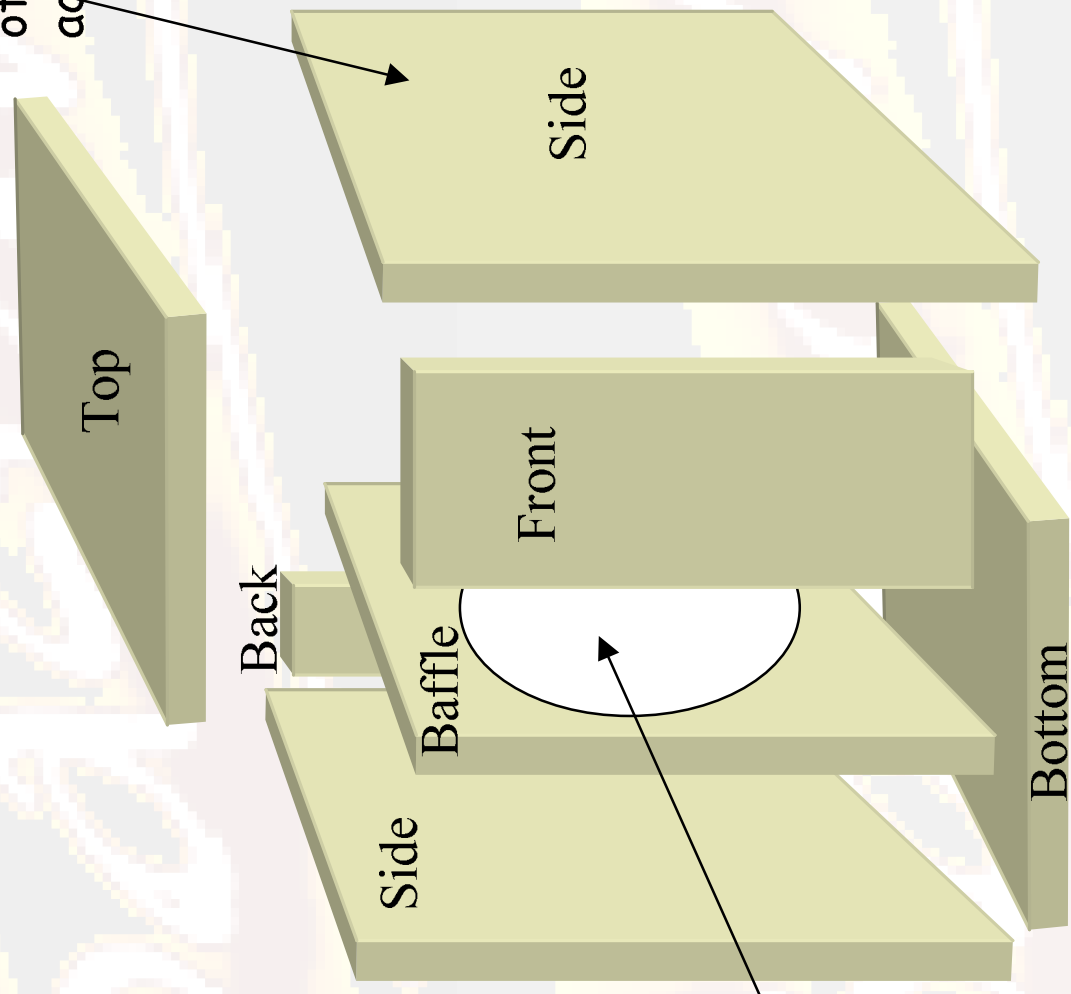
394mm diameter to
depth of 13mm

410mm

Mandala Bass Cabinet for 18-inch driver

18" Bass Cabinet

- Baffles 2 pieces 550mm x 460mm**
- Sides 4 pieces 550mm x 510mm**
- Top & Bottom 4 pieces 550mm x 265mm**
- Front 2 pieces 170mm x 460mm**
- Back 2 pieces mm 70mmx 460mm**



Driver cutout
421mm diameter
 No rebate required

Consider screwing this panel, otherwise there will be no access to the bass driver

Ensure binding posts are positioned to be accessible through the rear vent



Screw 18inch driver from this side so the metal frame is visible through the front vent

Up to 16 brackets 510mm x 47.5mm
Screw and glue in place

*Purpose: to support the open baffle
and to make the bass cabinet width
the same as the open baffle. You
can use your imagination to try
different methods should you wish to.*

18" Bass Cabinet Brackets



SAM2 Plate Amplifiers Cabinet



SAM2 Cabinet

- Back panel 1 piece 335mm x 155mm
- Side panels 2 pieces 335mm x 115mm
- Top & Bottom 2 pieces 155mm x 205mm

