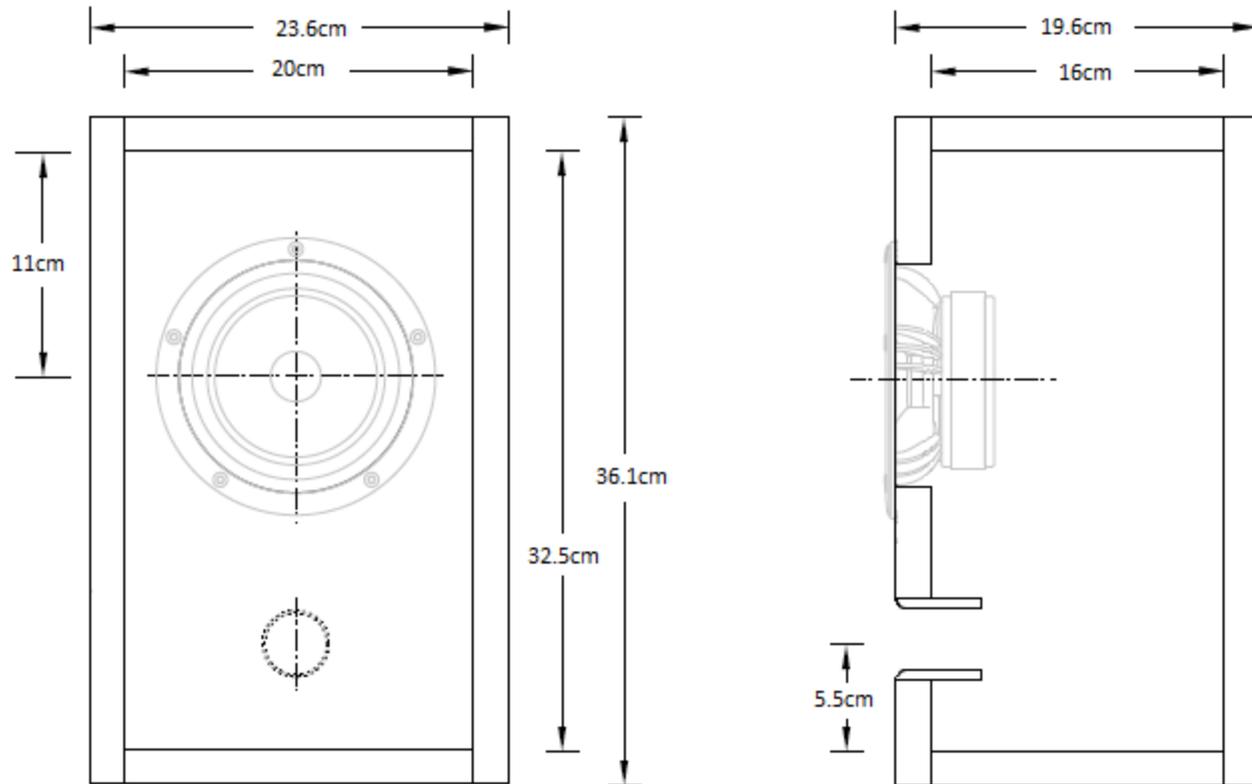


Fenlon 11MS



markaudio
New Audio Fidelity

- Simple vented box designed by Mark Fenlon for Alpair 11MS driver!
- Industry norm front port!
- Projects bass forwards for interesting and captivating sound characteristic!
- Simple construction!
- Port 3.5cm wide and 6.5cm long for powerful bass performance!
- Line box apart from front panel with 1.5cm - 2cm thick polyester damping material



Design consultant: Dr. S. Lindgren



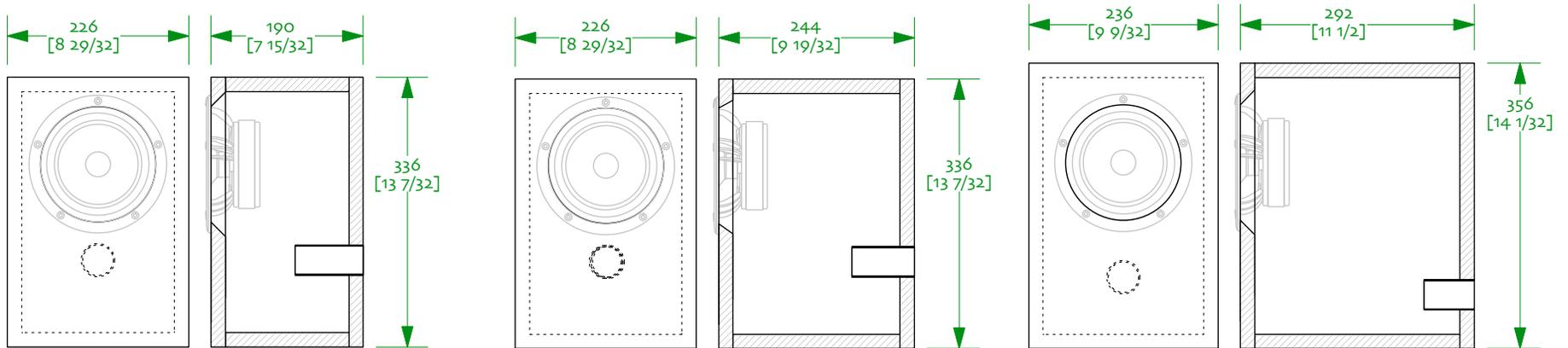
Nostramo Series

Mark Audio Alpair 11ms

29-august-2018

Three easy to build vented boxes for the Mark Audio Alpair 11MS 6in negative camber wideband drive unit.

Standard and larger size enclosures suitable for use with high output impedance amplifiers. Smaller enclosure optimised for low output impedance amplifier designs.



Small

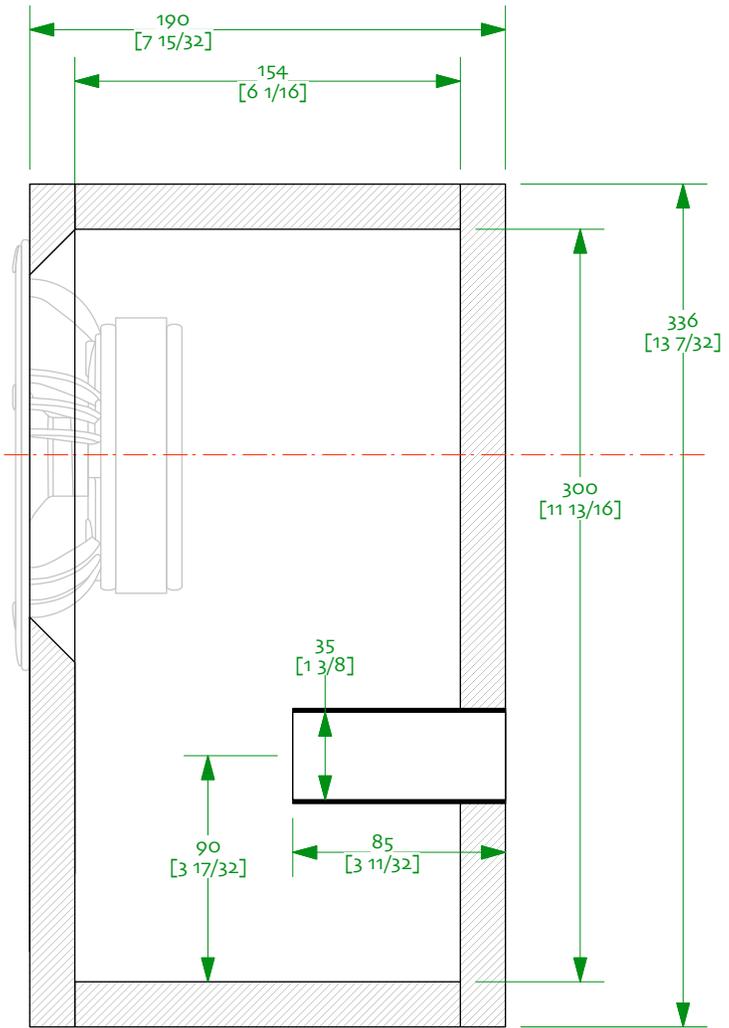
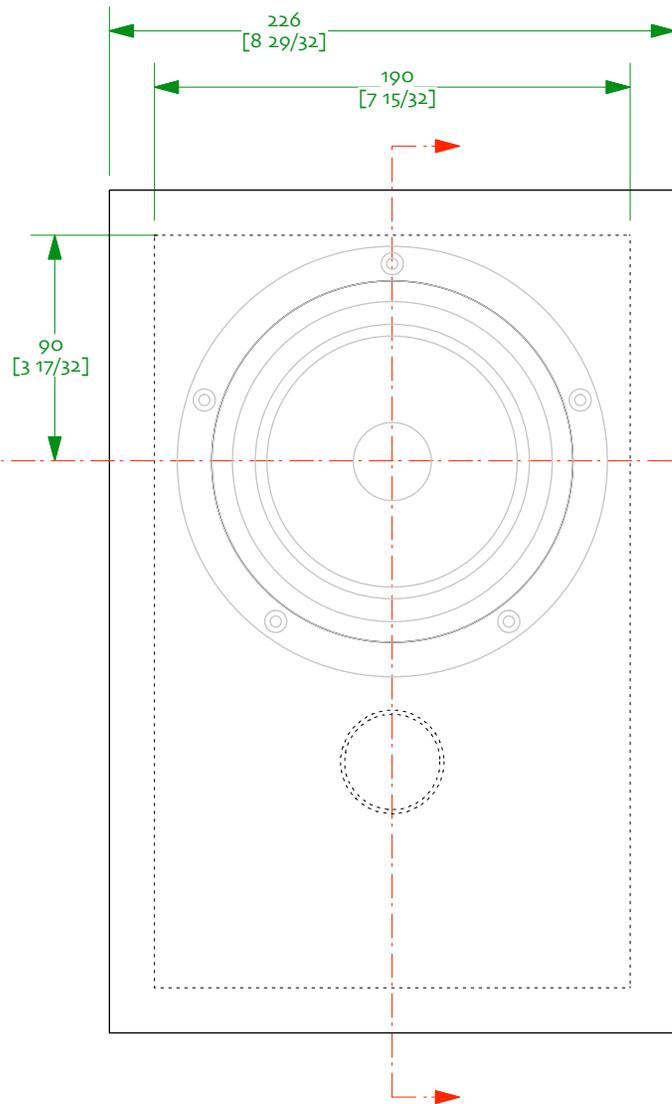
for amps w output impedance $< 1\Omega$

Medium

for SETs with output impedance $< \sim 2.5\Omega$
(or other high output imp amplifiers)

Large

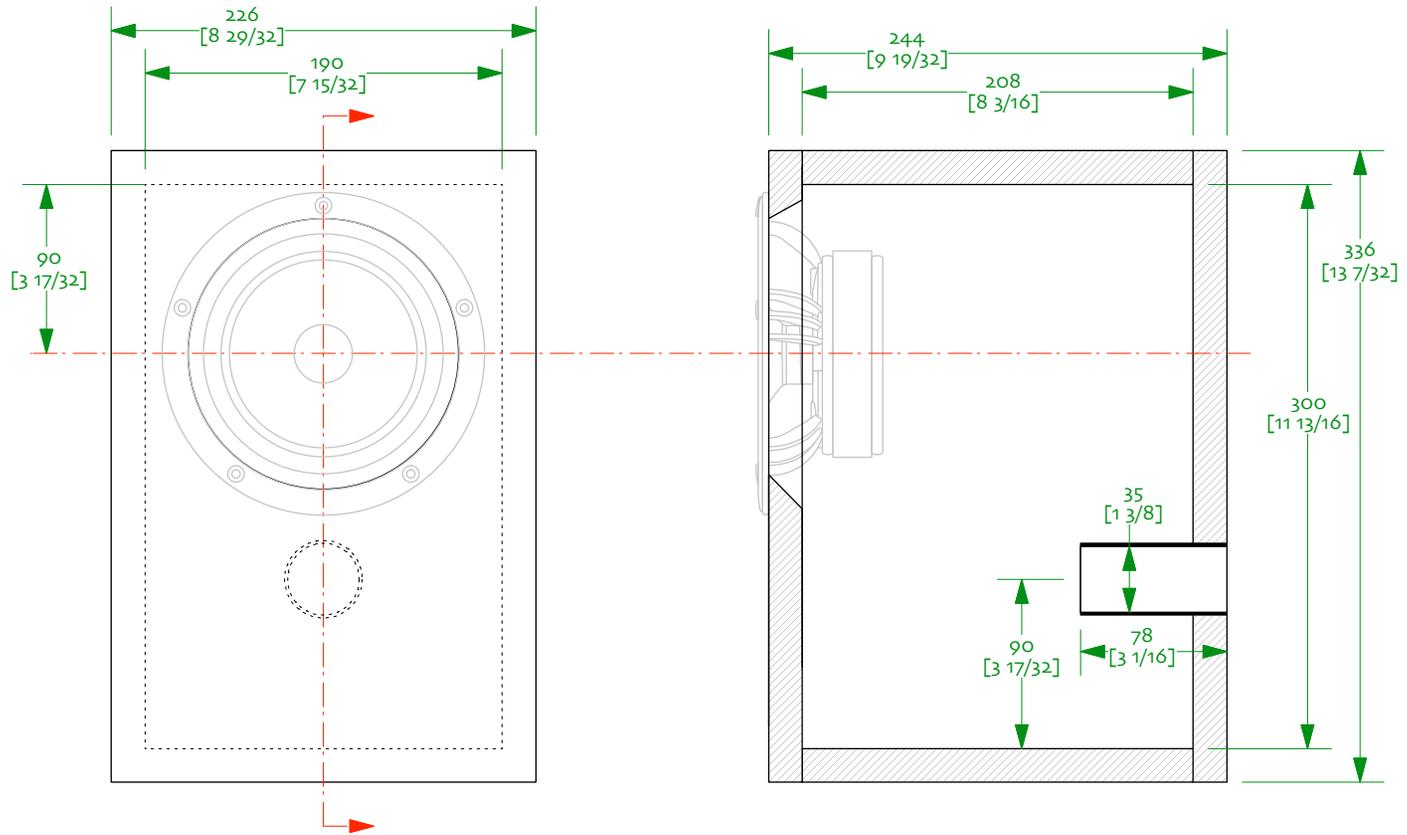
for SETs with output impedance $< \sim 4.0\Omega$
(or other high output impedance amplifiers)



- Notes:
- 0/ designed for the Mark Audio Alpair 11ms – 8.5 litres
 - 1/ drawn with 18mm material. Quality multi-ply recommended
 - 2/ lag top, back, and one sidewall with 12-18mm cotton or wool felt or similar. Avoid acoustic foam
 - 3/ bracing is optional but recommended
 - 4/ don't forget to open up the back of the driver cut-out



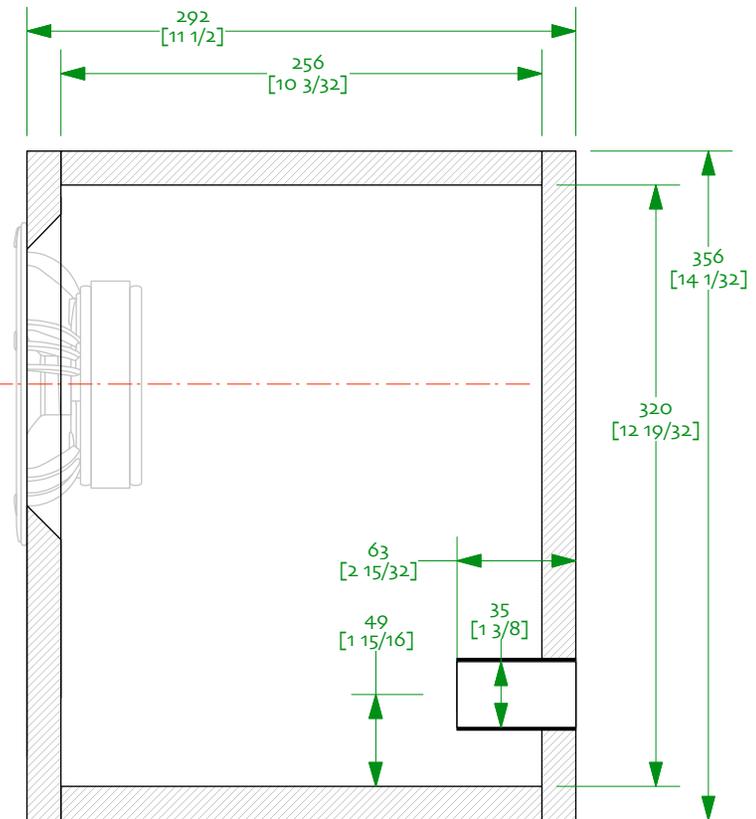
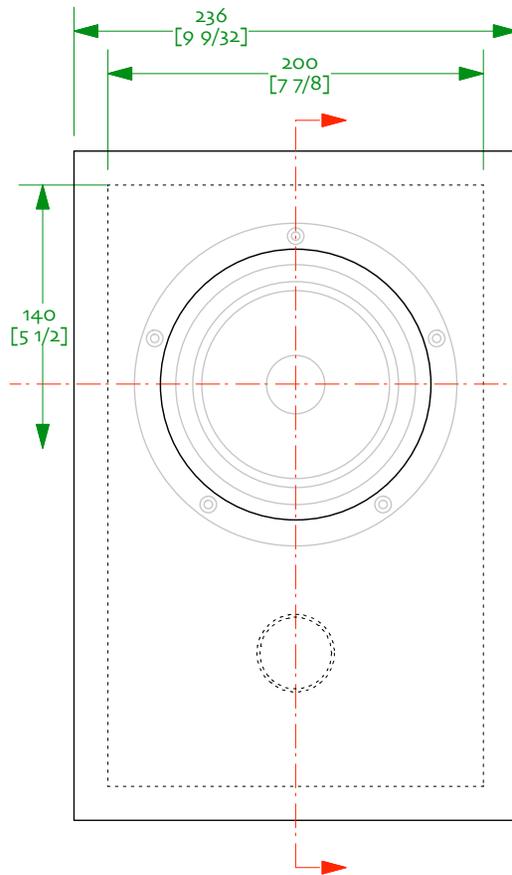
Nostromo Small ov8
 Mark Audio Alpair 11ms
 Plan 18mm | 29-august-2018
 designed by Scott Lindgren | drawn by dld
 © 2010-18 Woden Design
 Free for non-commercial use



- Notes:
- 0/ designed for the Mark Audio Alpair 11ms – 11.2 litres
 - 1/ drawn with 18mm material. Quality multi-ply recommended
 - 2/ lag top, back, and one sidewall with 12-18mm cotton or wool felt or similar. Avoid acoustic foam
 - 3/ bracing is optional but recommended
 - 4/ don't forget to open up the back of the driver cut-out



Nostromo Medium ov82
 Mark Audio Alpair 11ms
 Plan 18mm | 29-august-2018
 designed by Scott Lindgren | drawn by dld
 © 2010-18 Woden Design
 Free for non-commercial use



- Notes:
- 0/ designed for the Mark Audio Alpair 11ms – 16 litres
 - 1/ drawn with 18mm material. Quality multi-ply recommended
 - 2/ lag top, back, and one sidewall with 12-18mm cotton or wool felt or similar. Avoid acoustic foam
 - 3/ bracing is optional but recommended
 - 4/ don't forget to open up the back of the driver cut-out



Nostromo Large ov82

Mark Audio Alpair 11ms
 Plan 18mm | 29^o-august-2018
 designed by Scott Lindgren | drawn by dld
 © 2010-18 Woden Design
 Free for non-commercial use



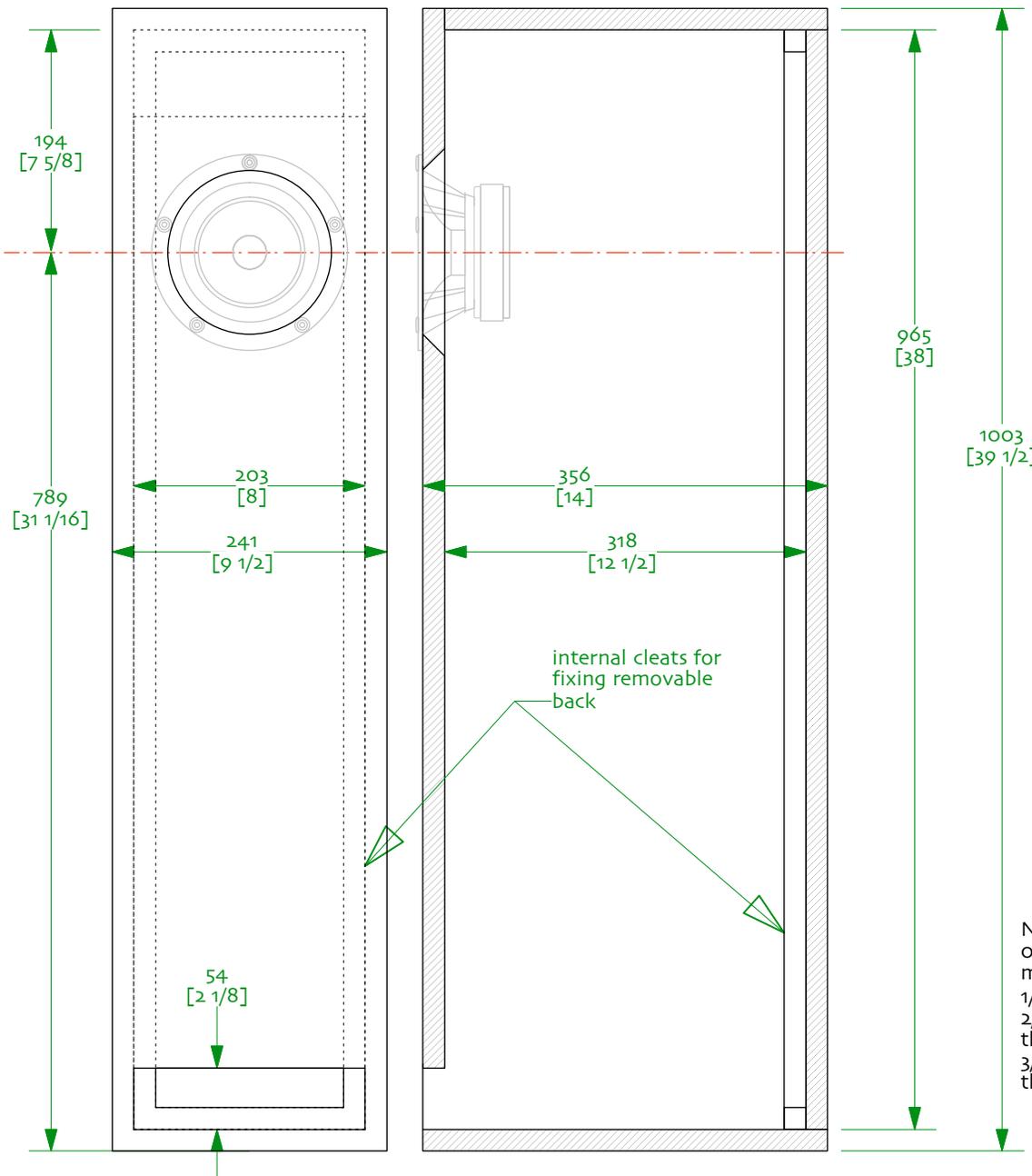
markaudio
New Audio Fidelity

Pensil A11/P11

Alpair 11ms/Pluvia Eleven

designed by S Lindgren drawn by dld
30-august-2018

©2010-2018 Markaudio All rights reserved
NOT for commercial use without prior
written approval from Markimage Limited



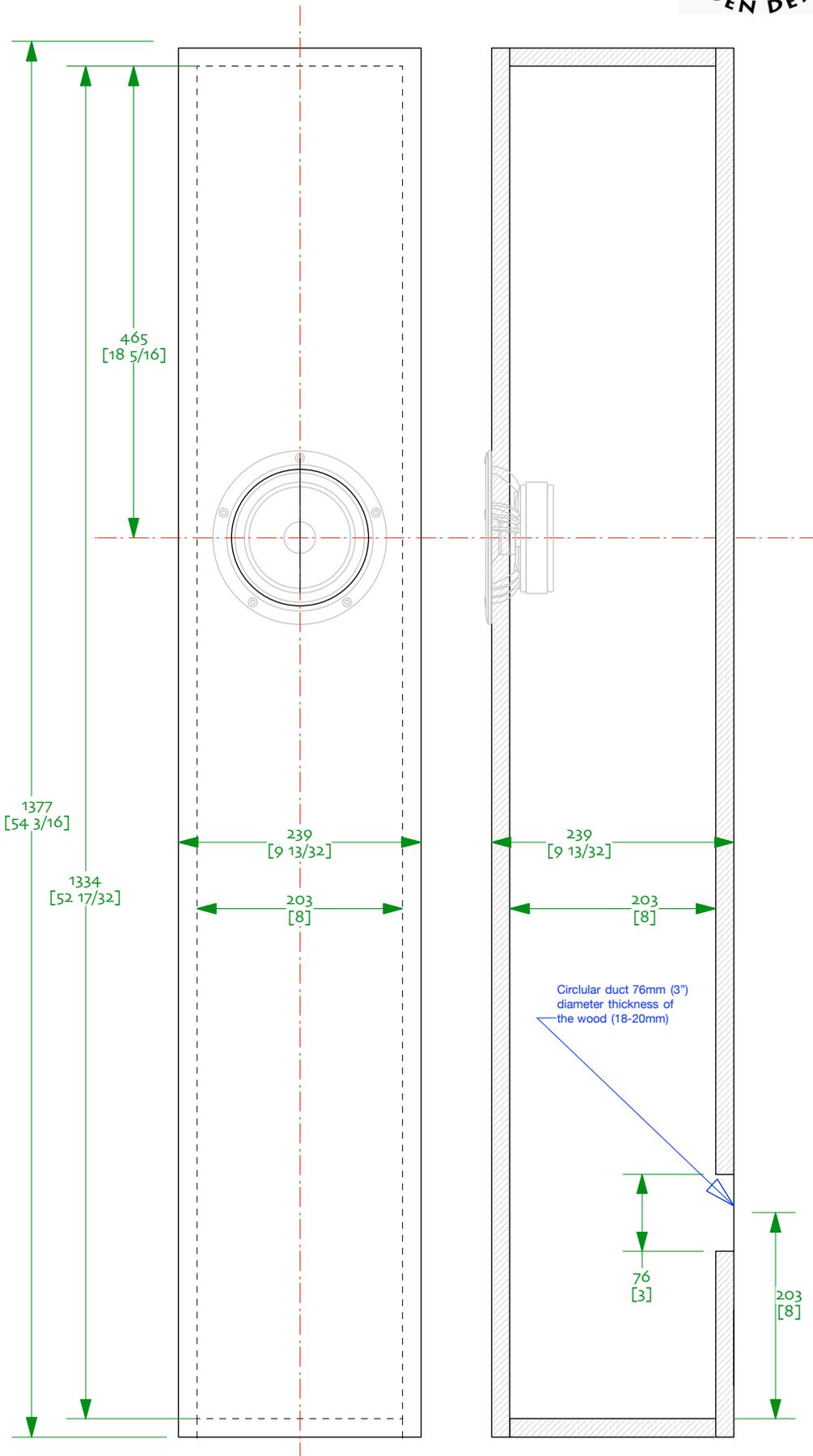
Notes:

- 0/ drawing uses 3/4" (19.05mm) material. 18-20mm OK. Quality multi-ply recommended
- 1/ stuff with 0.65lbs / ft³ (23 ounces = 648 g) of polyfill
- 2/cleats on back to allow for removable back, useful for adjusting the stuffing
- 3/ bracing is optional but recommended. For bracing ideas please see the bracing sheet in the superPensil12 plans

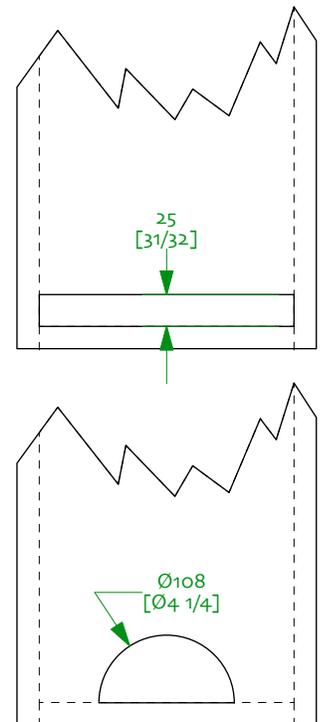


Sea Stack ML-TL ov81
 Alpair 11ms | 18mm plan
 designed by S Lindgren | drawn by dld
 01-september-2018
 © 2017-18 Woden Design

- 0/ drawn with 18mm material. Quality plywood recommended
- 1/ uses Mark Audio Alpair 11ms
- 2/ line all interior faces with damping material: SAE F10 felt, Ultratouch, acoustic fiberglass, or similar
- 3/ don't forget to relieve the back of the driver cutout with a chamfer or roundover
- 4/ bracing not shown but recommended. Braces should run in the direction of the line
- 5/ beveling front vertical edges recommended
- 6/ stabilizing plinth recommended



The vents at the bottom will operate over a wider BW but a bit more ripple



Alternate vent openings