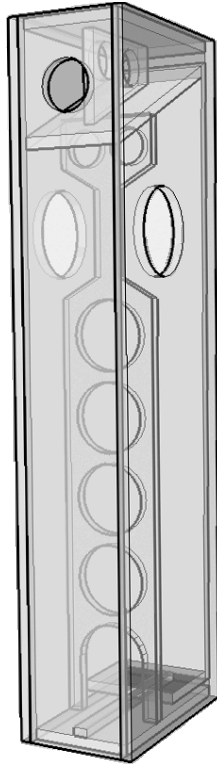


Rectangular Version



Parallelogram Version

Planet10-hifi floorstanding FAST enclosures for the Fostex FF85wk (pictured) or Mark Audio Alpair 5.2/6.2 midtweeters +2 SilverFlute W14 midWoofers in an ML_TL

- 1/ midTweeter mounted in an aperiodic midTL. Other 3-3.5" wideranges can be substituted
- 2/ Twin SilverFlute midBass drivers in a Woden specified ML-TL
- 3/ width suggests baffle step F_3 of xxx Hz suggesting an XO between 345 Hz & 490 Hz
- 4/ driver centre-to-centre suggested a $< xxx$ Hz XO to maintain XO at or below $1/4$ wavelength

Woofers impedance note: choosing 4 or 8 ohm W14: if you are going active, 8 ohm in parallel recommended. If going for a passive XO, 2×4 ohm in series is about 90 dB sensitive -- about right for the FF85wk, if you have a more efficient mid-tweeter then 2×8 ohm in parallel is about 93.5 dB might be a better choice.

Drawings/Contents (provisional)

io/ Intro

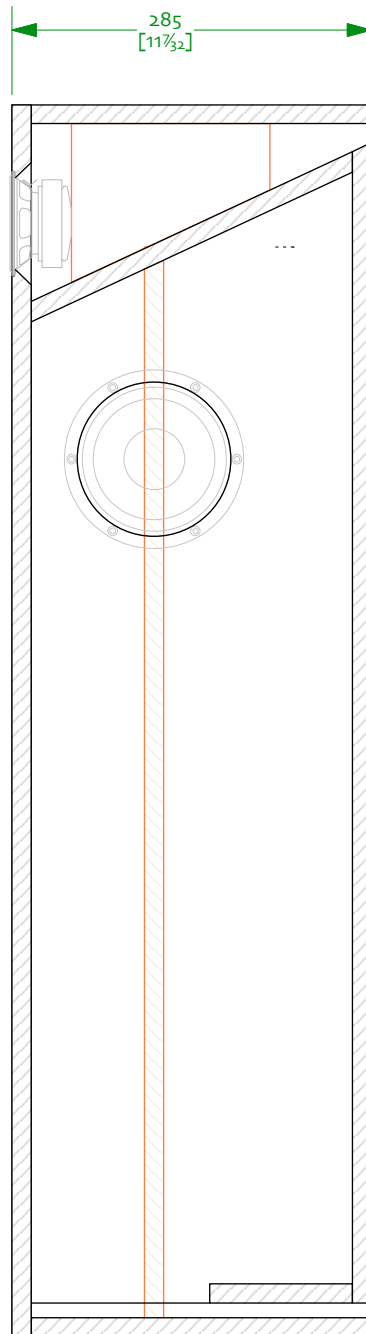
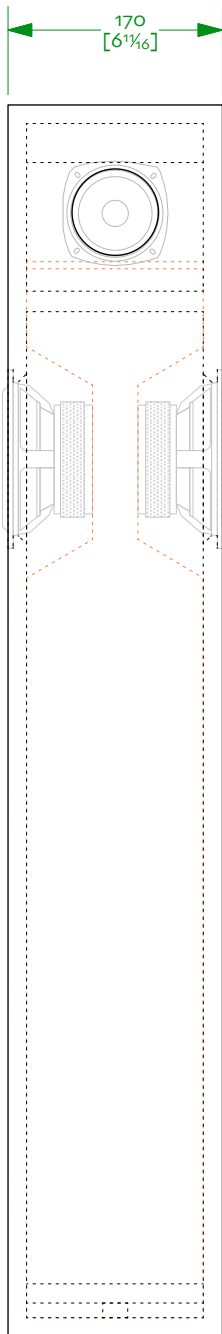
- po/ FF85 + Twin SF Rectangular Plan 15mm
- co/ Rectangular 4'x8' cut plan 15mm
- p1/ FF85 + Twin SF Parallelogram Plan 15mm
- c1/ Parallelogram 4'x8' cut plan 15mm

ao/ Passive XO schematic

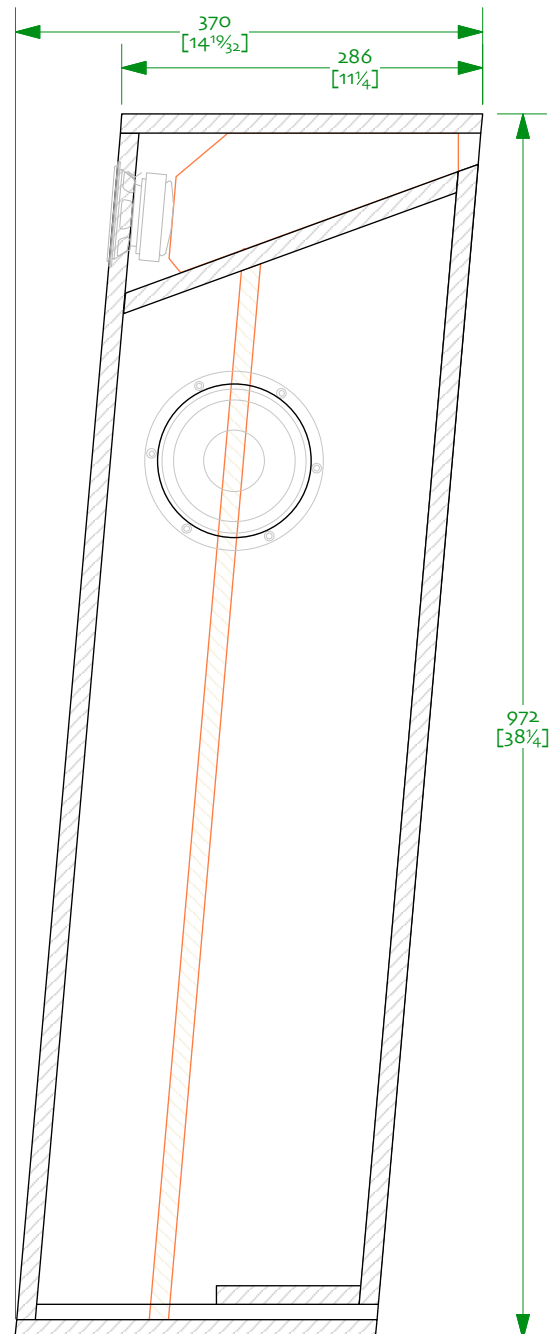
a1/ Damping Plan

- Fostex FF85wk dimensionaldrawing
- Alpair 5.2 dimensional drawing
- Alpair 6.2 dimensional drawing
- Silver Flute W14 dimensional drawing

please email david@planet10-hifi.com with corrections & suggestions to improve this document



Rectangular



Parallelogram