

Rectangular 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 ŠilverFlute midBass drivers in a Woden specified ML-TL 3/ width suggests baffle step F3 of xxx Hz suggesting an XO between 345 Hz & 490 Hz

A/ driver centre-to-centre suggested a < xxx Hz XO to maintain XO at or below 1/4 wavelength

Woofer 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.

Tysen V2 WAW (aka FAST) for Fostex FF85wk or Mark Audio Alpair 5.2/6.2 & 2x Silver Flute W14

16-november-2017

Parallelogram Version

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

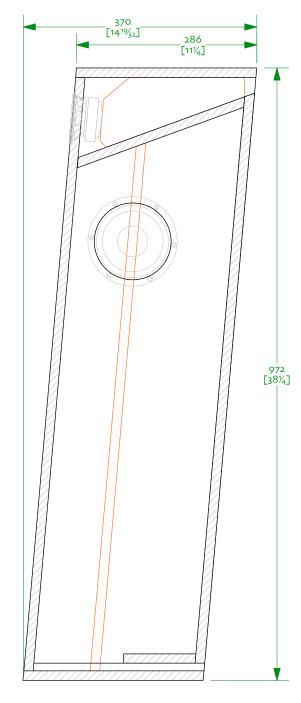
Fostex FF85wk dimensionaldrawing Alpair 5.2 dimensional drawing Alpair 6.2 dimensional drawing Silver Flute W14 dimensional drawing

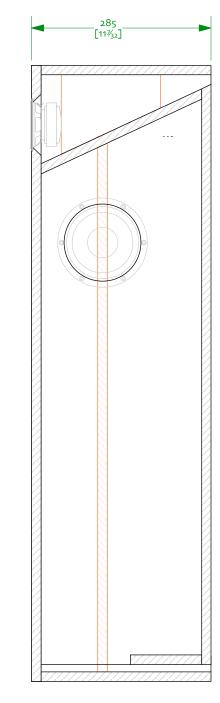
please email <david@planet10-hifi.com> with corrections & suggestions to improve this document

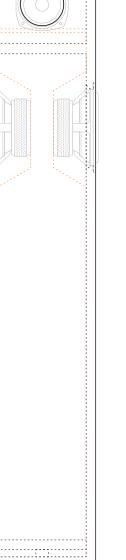
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Tysen V2 2v0b5 FF85wK + 2 x SF W14 FAST sheet Tv2ext | extents 17-dec-2017 | designed & drawn by David Dlugos ML-TL specified by Scott Lindgren © 2011-2017 planet_10 enterprises limited







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Parallelogram