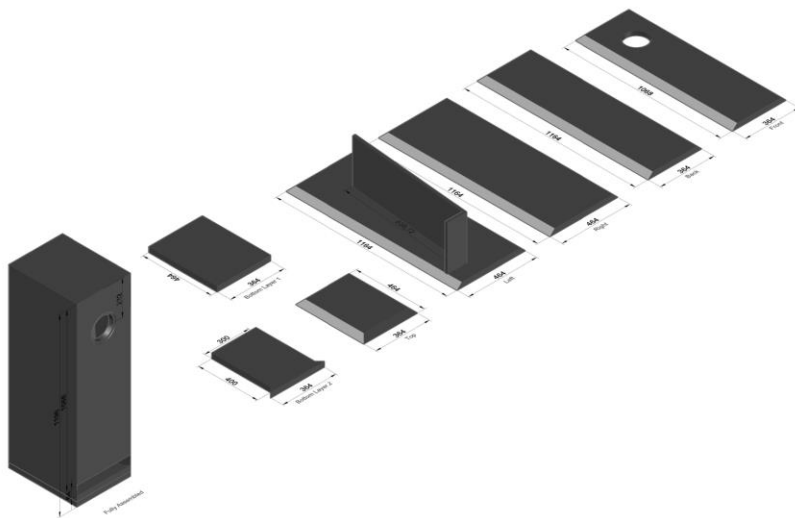
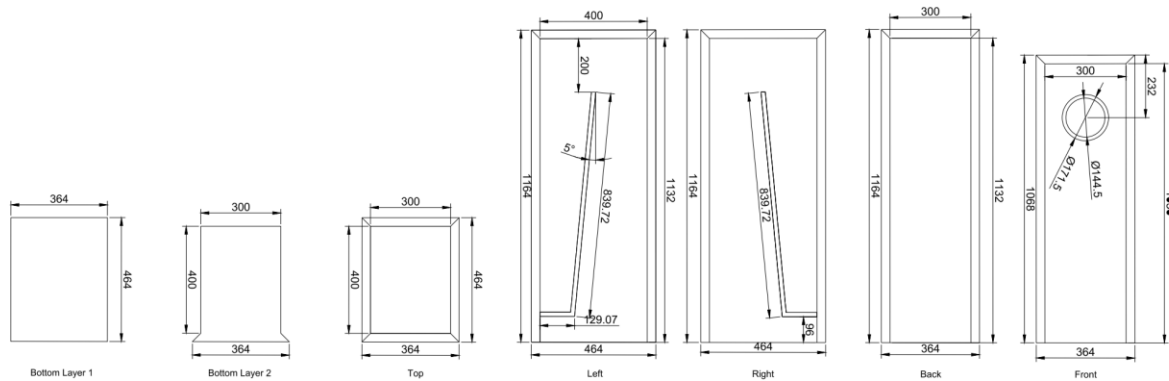


# TQWT Speaker for Personal use

Driver Selected: Mark Audio Alpair 11MS (Specs Below)

COLOUR	Gold, Grey
RE	7.2 Ohm
FS	43.748
SD	111.22 cm <sup>2</sup>
VAS	17.709 L
CMS	0.008 M/N
MMD	11.331m KG
MMS	12.005 g
BL	7.812 TM
QMS	2.215
QES	.407
QTS	.344
LE	63.087 uH
SPL	88.068
X MAX	8mm one way
POWER (NOMINAL)	35 Watts



Project

Driver: Brand: Alpair, Model: 11MS

Box: Placement: Advanced options

Vents: Num. of drivers: 1, Voice coil temp rise: 0.00 °C

Filters: Standard, Voice coil resistance TC: 3.9000 1000/°C

Signal: Voice coil connection: Parallel, Added mass to cone: 0.0 g

Advanced: Project: Color

Project

Driver: Driver: vented

Box: Rear chamber

Vents: Volume: 0.1320 m<sup>3</sup>

Filters: Tuning freq.: 42.55 Hz

Signal: Project: Color

Project

Driver: Driver: Rear chamber

Box: Number: 1, Shape: 6.40 m

Vents: Vent diameter: 30.00 x, End Correction: 0.732

Filters: Vent length: 12.90 m, 1st port resonance: 1340.42 Hz

Signal: Cross area: 192.0 m<sup>2</sup>

Advanced: Project: Color

- All dimensions in Millimetre(mm)
- All pieces are comprised of two 16mm multilayer plywood stuck together so total 32mm thick pieces.
- Only internal baffle made of 16mm multilayer plywood.
- Internal Dimension: 400(L) X 300(W) X 1100(H), Volume: 0.132m<sup>3</sup> = 132 Litre
- Base composed of two sets of 32mm thick panels
- Front Port internal dimension: 300(W) X 64(H) X 50(D)
- Tuning Frequency: 42.55Hz