



The Academy

Build your Legacy

Difficulty: Intermediate

Official Plans by Lowther Loudspeakers

Version 1221





Welcome to the Lowther Family

We are proud of our heritage. Every Lowther Loudspeaker cabinet has been designed by ear and built by hand. Some of those cabinets are built by our very own master craftsman, but most Lowther speakers in existence are built by people like yourself.

For decades people from all over the world, with all levels of wood working skills, have used our plans and our full range drivers to build their own part of our history. And every single one of those people have a fundamental appreciation for music and a firm understanding that the quality of its reproduction matters.

We are all on a quest to re-create the original intended message of our favourite composers or artists, with maximum realism, emotion and intensity. Music is important. Listening to it in the highest possible fidelity is equally as important.

We look forward to seeing what you build.

The Academy

The Lowther Academy was first released as part of a new generation of Lowther Loudspeakers. This popular loudspeaker provides a smooth, even response and a natural bass.

The clarity and sense of location makes The Academy stand apart from its peers. It uses two drive units, the second of which is mounted in the upper section of the cabinet allowing the sound to radiate upwards and outward, this gives the listener a very unique sense of scale.

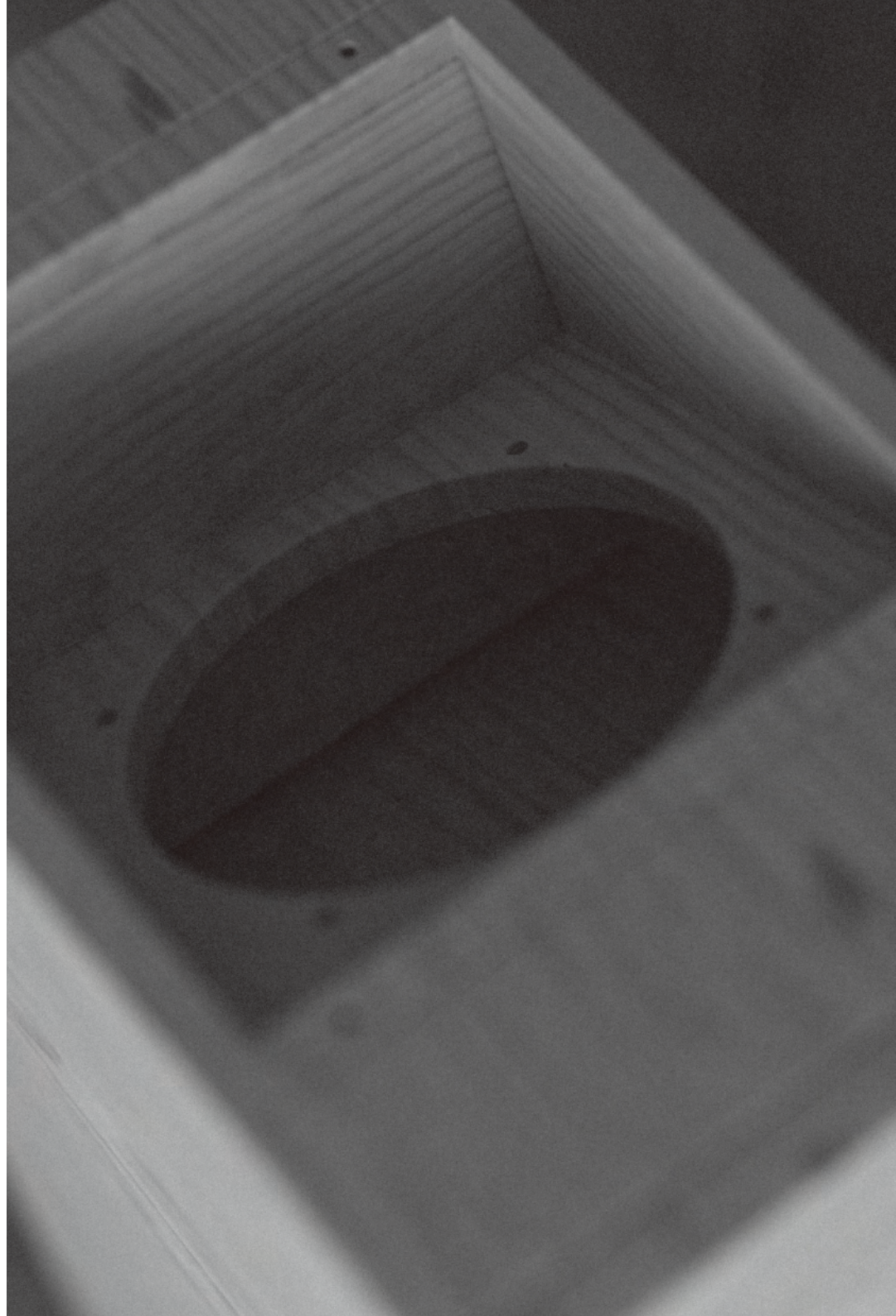
Due to the complexity of the labyrinth and size of this cabinet we have rated this an intermediate cabinet to build. However, with some time and care taken in construction, The Academy will not disappoint.

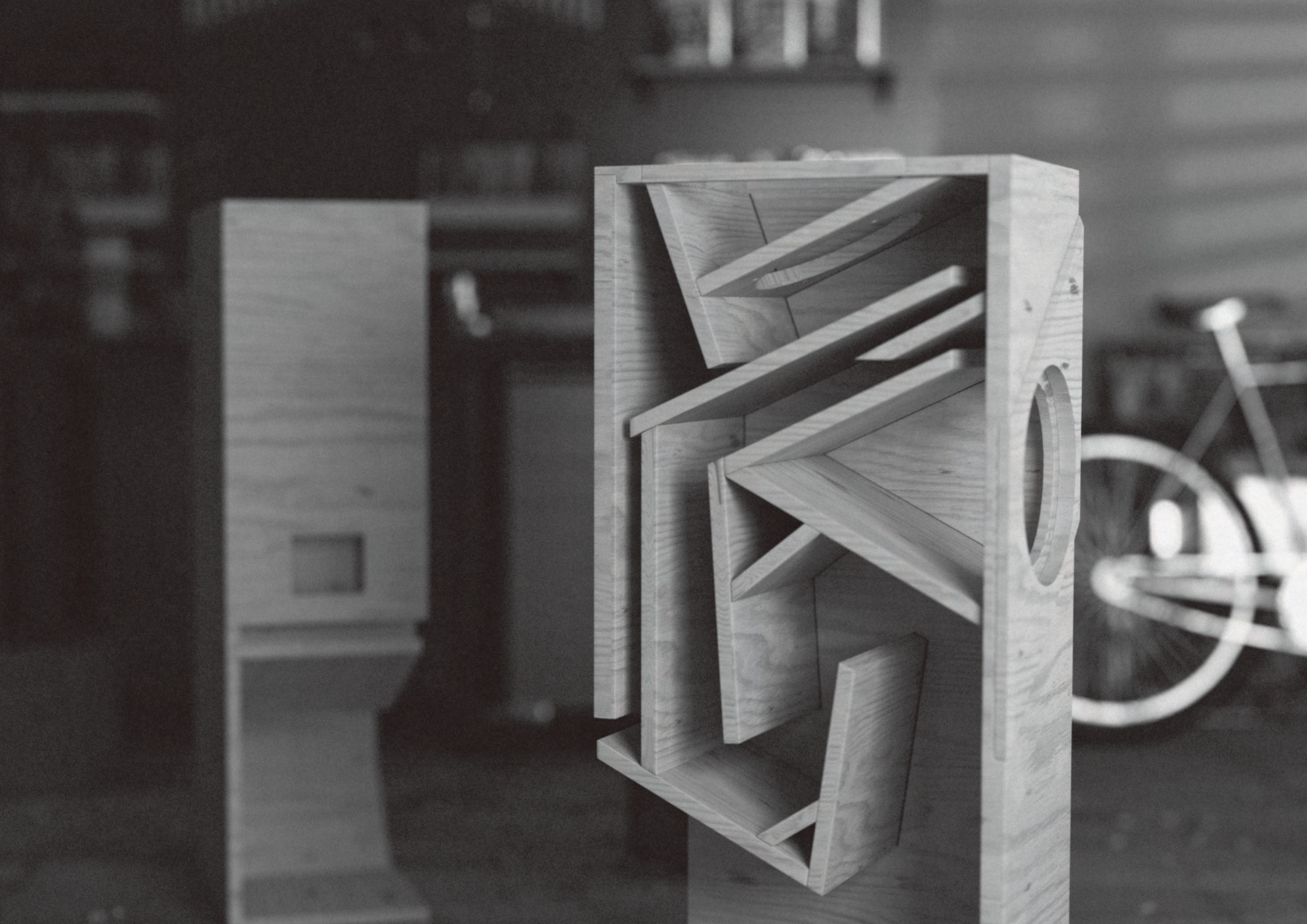
Dimensions

Height: 1,000mm, width: 280mm, depth: 440mm

Construction Note

We recommend construction in Plywood however M.D.F can also be used. All panels must be firmly glued and airtight.









Driver Recommendation

Lowther Recommendation

Alnico Magnet: PM6A

Ceramic Magnet: PM6C

Neodymium Magnet: DX3

Alternative Drive Units

All the following drive units will fit this cabinet.

Front

DX2, DX3, DX4, EX2, EX3, EX4, PM2A, PM5A, PM6A, PM7A, PM8A.

Top

DX2, DX3, DX4, EX2, EX3, EX4, PM6A, PM8A, PM6C.

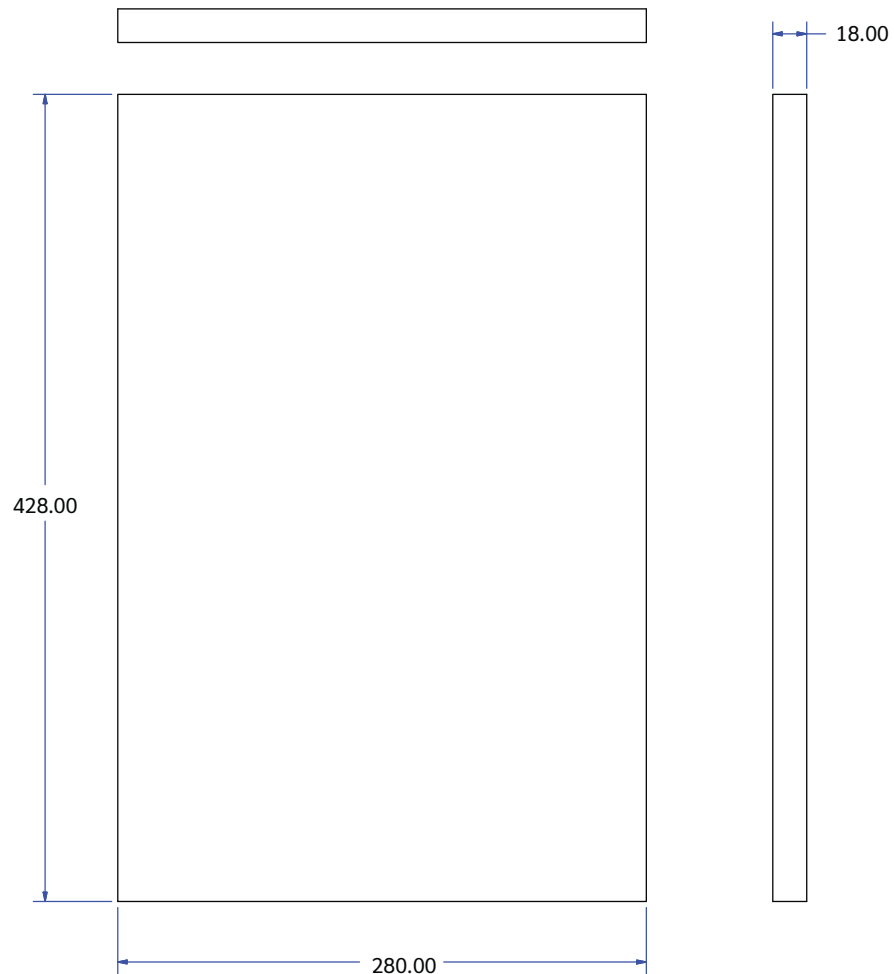
Buying your drive unit

To purchase a Lowther drive unit please visit:

www.lowtherloudspeakers.com

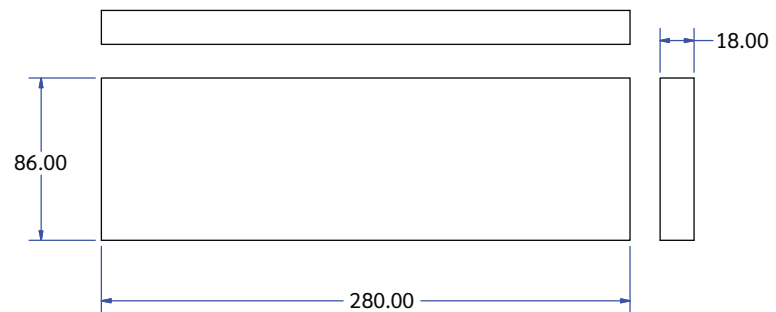
Base Panel

Drawing units: Millimetres



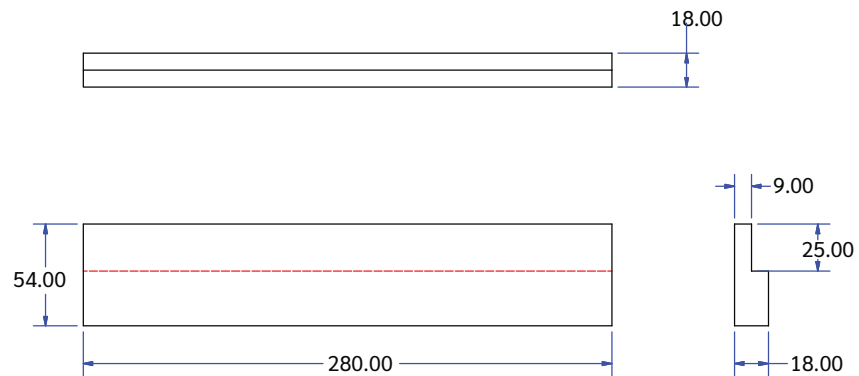
Top Front Panel

Drawing units: Millimetres



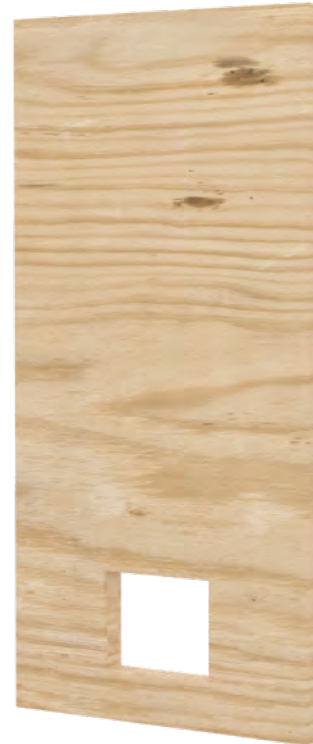
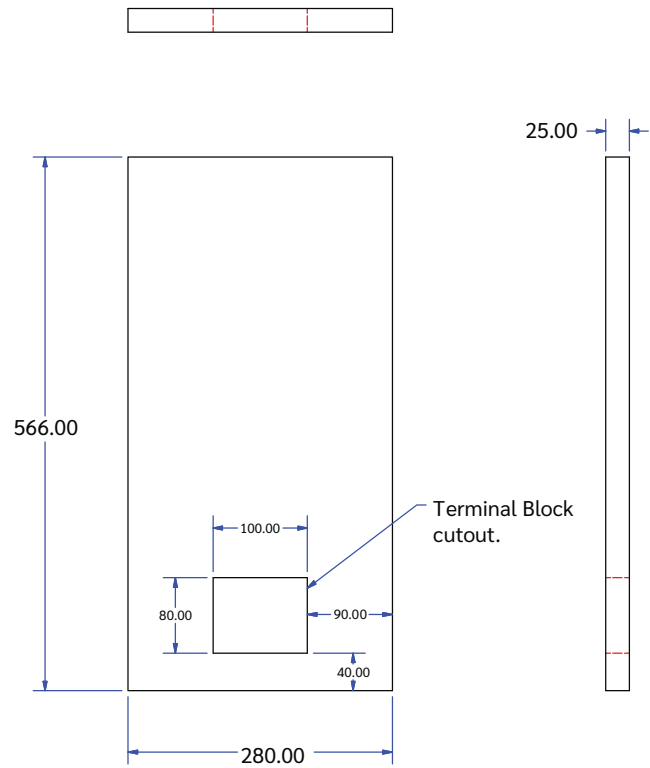
Top Rear Panel

Drawing units: Millimetres



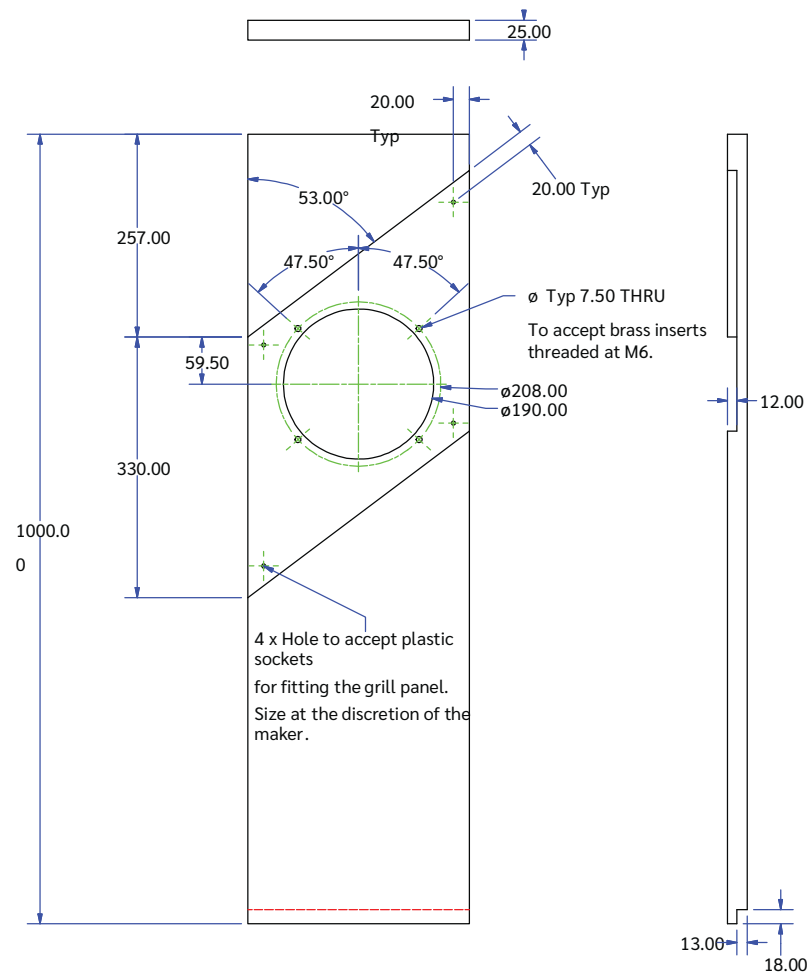
Rear Panel

Drawing units: Millimetres



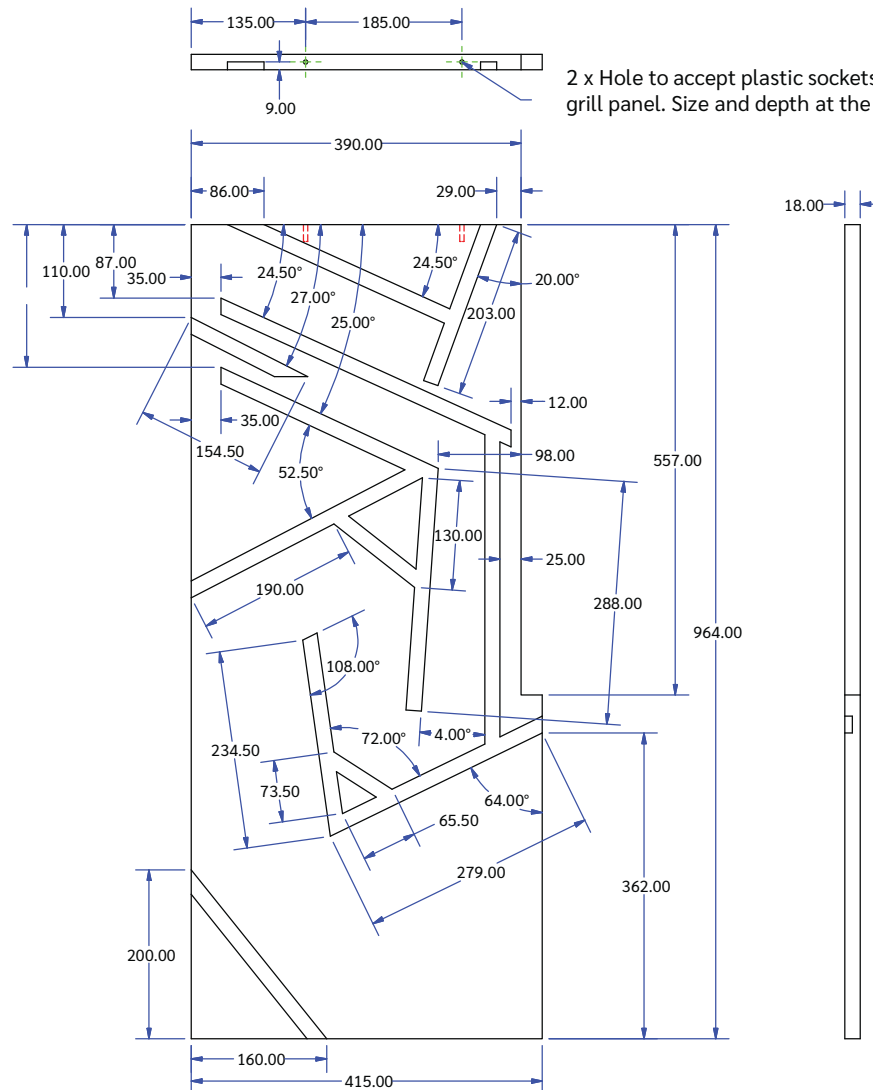
Front Panel

Drawing units: Millimetres



Side Panel

Drawing units: Millimetres



2 x Hole to accept plastic sockets for fitting the top the grill panel. Size and depth at the discretion of the maker.



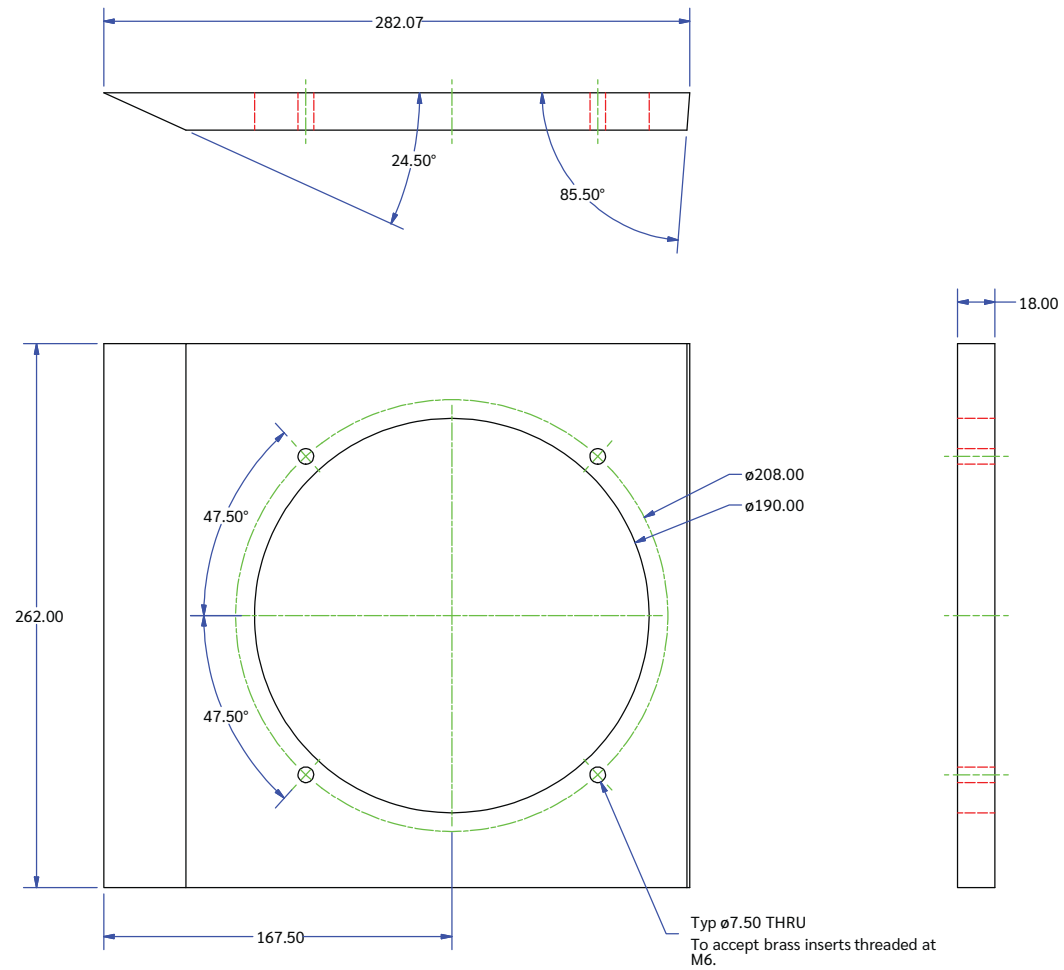
All rebates are 18mm wide and 9mm deep.
A mirror image of this panel should be made.

It is permissible to omit the interior panel rebates and use battens instead.
If this is done, the width of all interior panels should be reduced by 18mm.



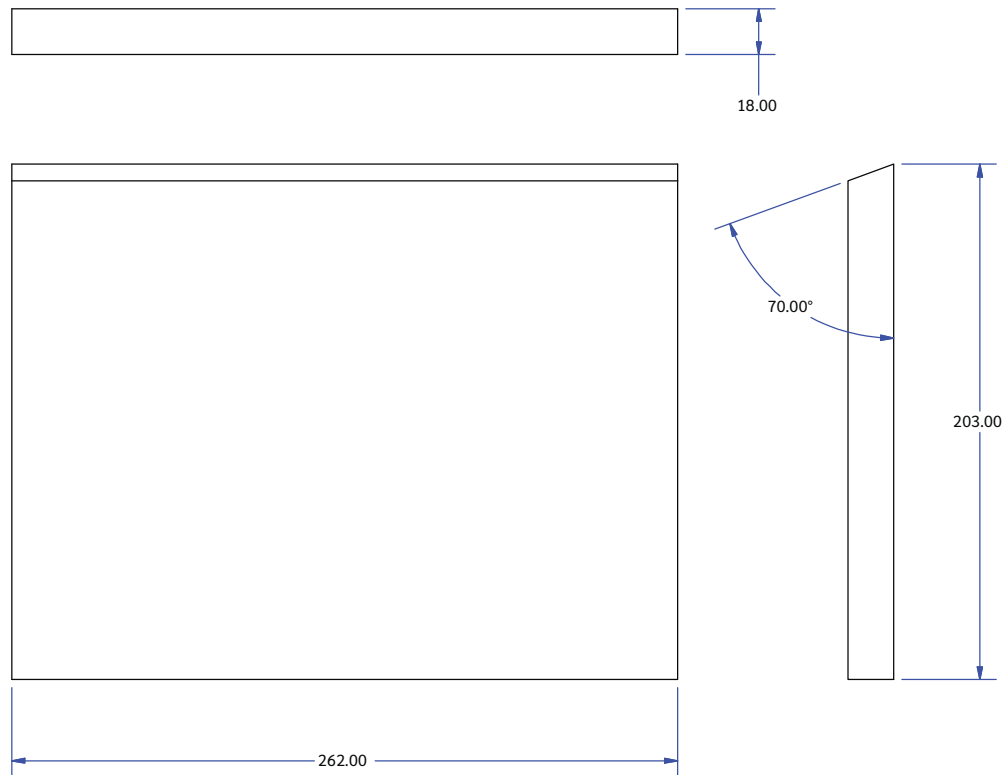
Panel 1

Drawing units: Millimetres



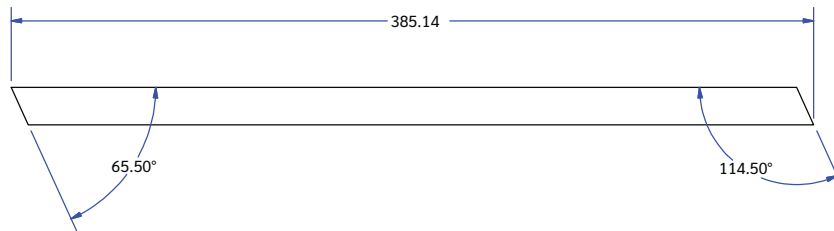
Panel 2

Drawing units: Millimetres



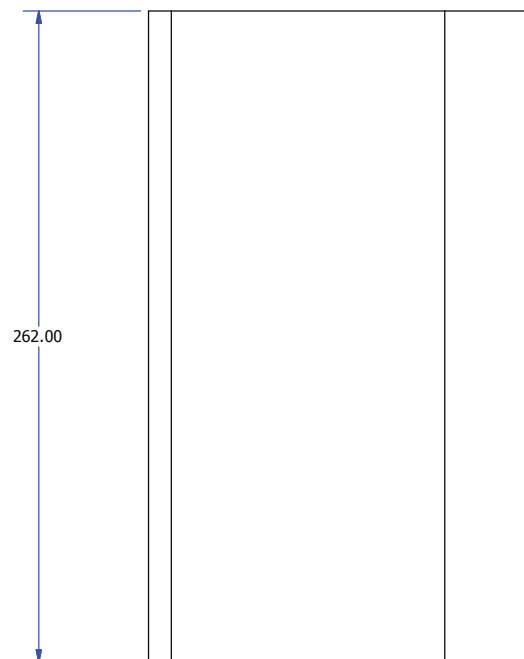
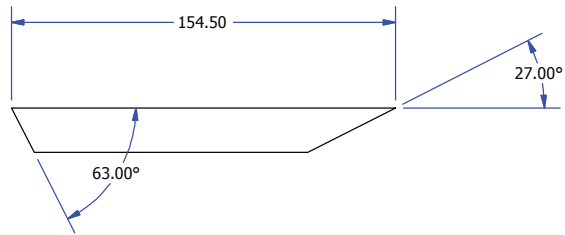
Panel 3

Drawing units: Millimetres



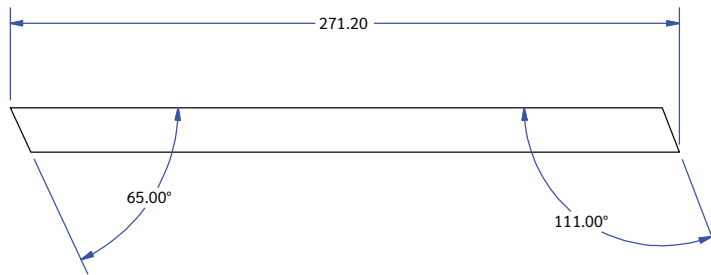
Panel 4

Drawing units: Millimetres



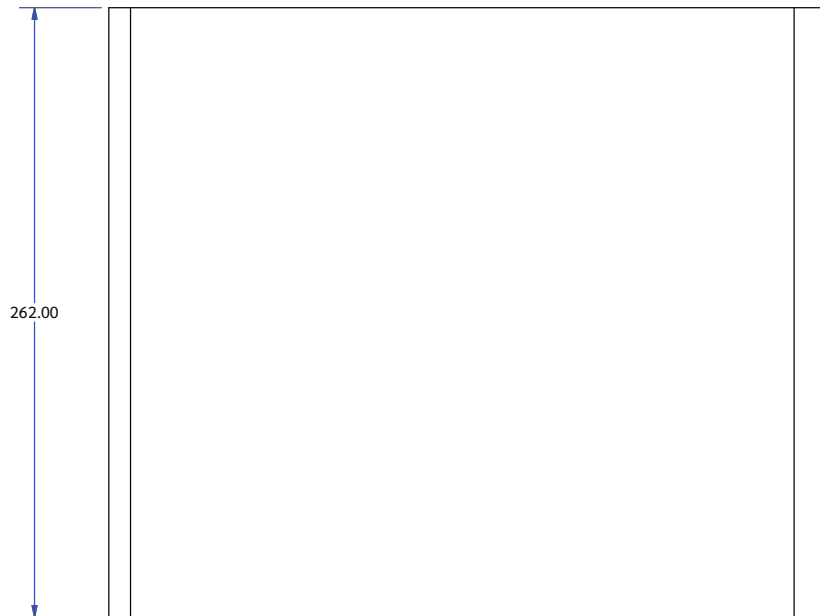
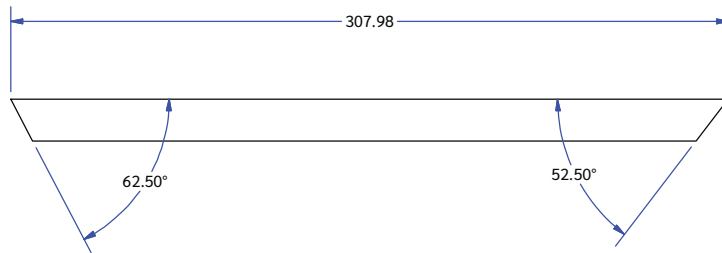
Panel 5

Drawing units: Millimetres



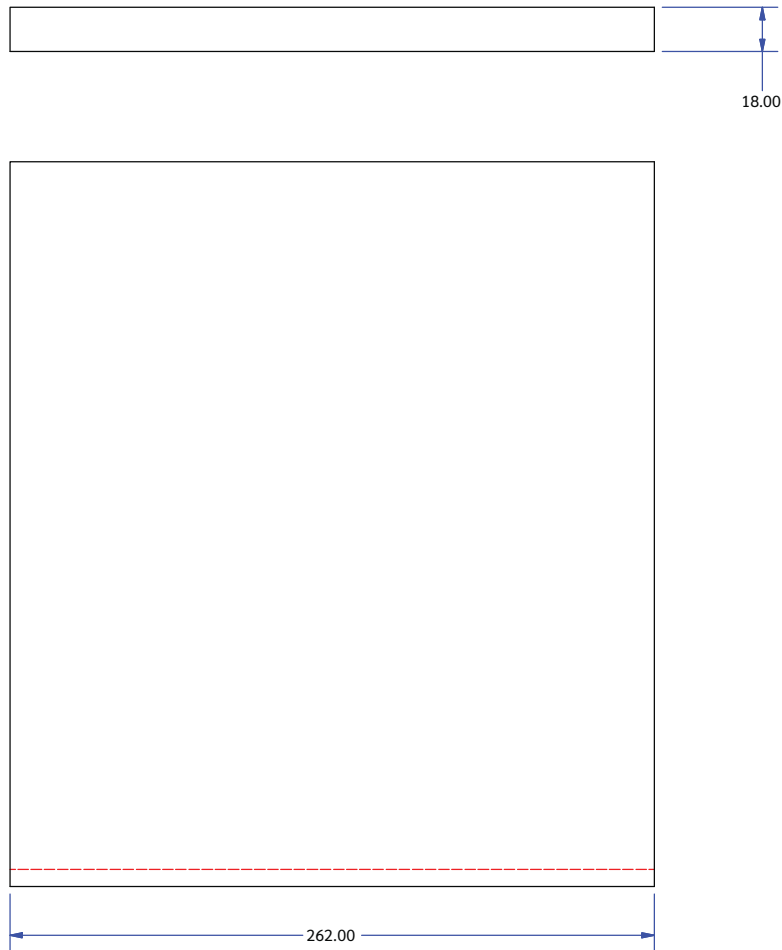
Panel 6

Drawing units: Millimetres



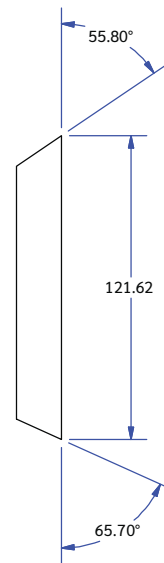
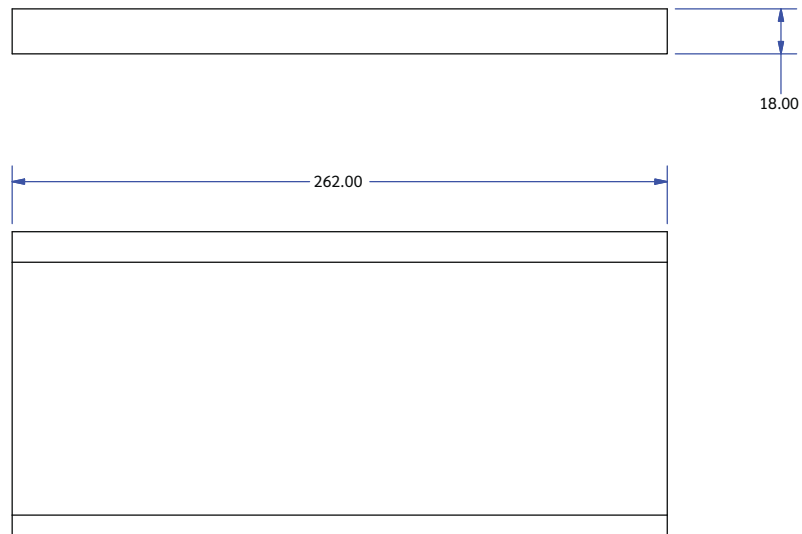
Panel 7

Drawing units: Millimetres



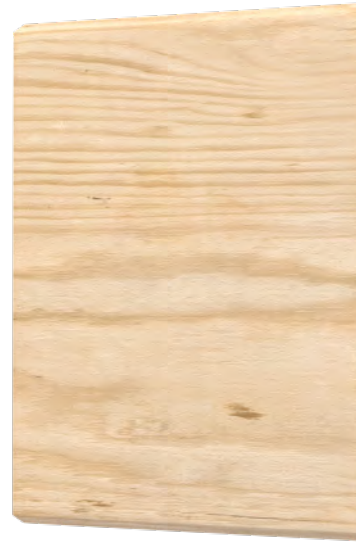
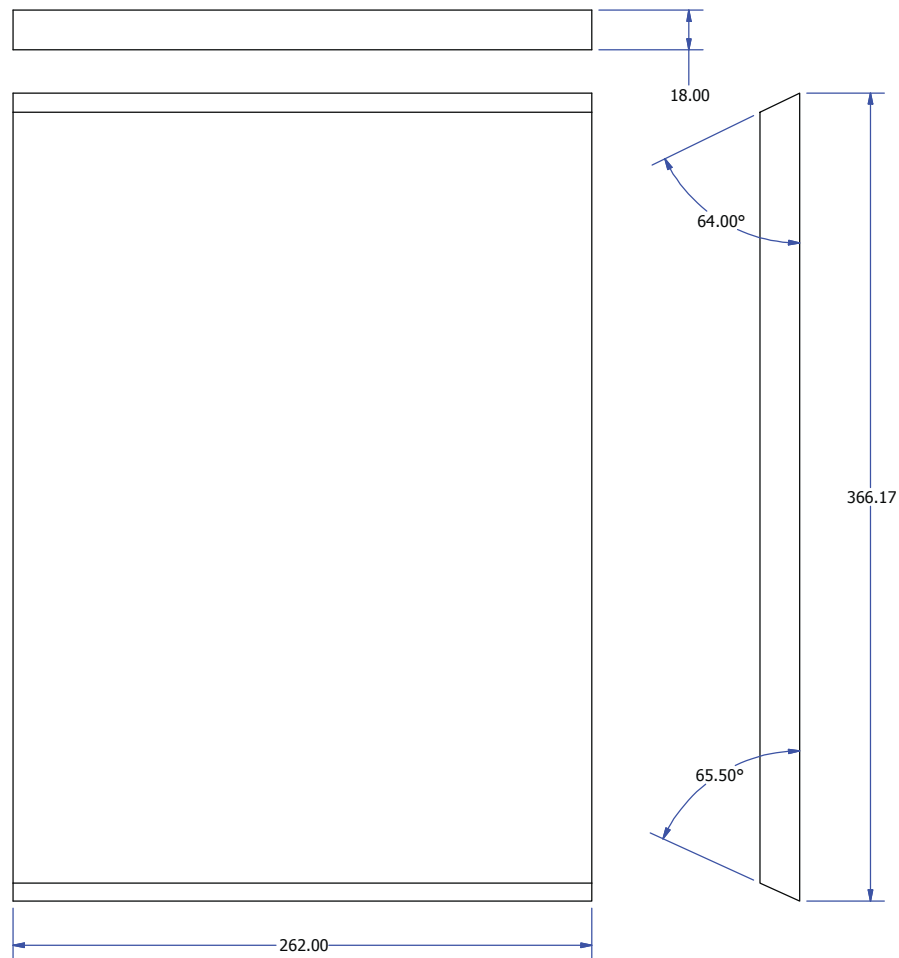
Panel 8

Drawing units: Millimetres



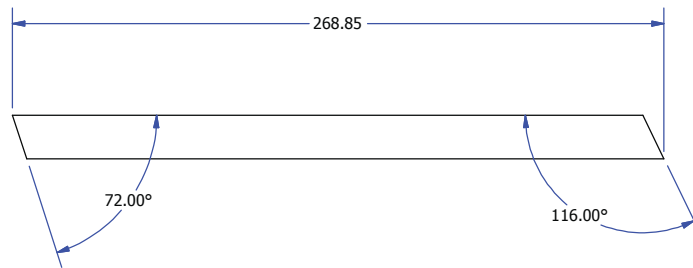
Panel 9

Drawing units: Millimetres



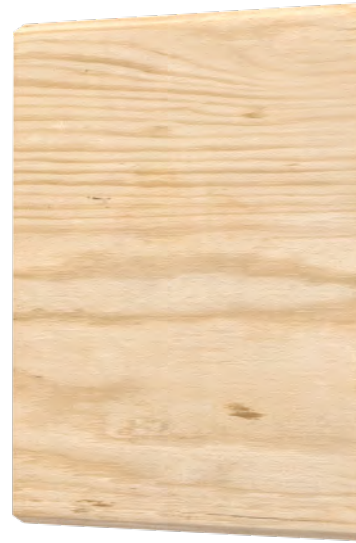
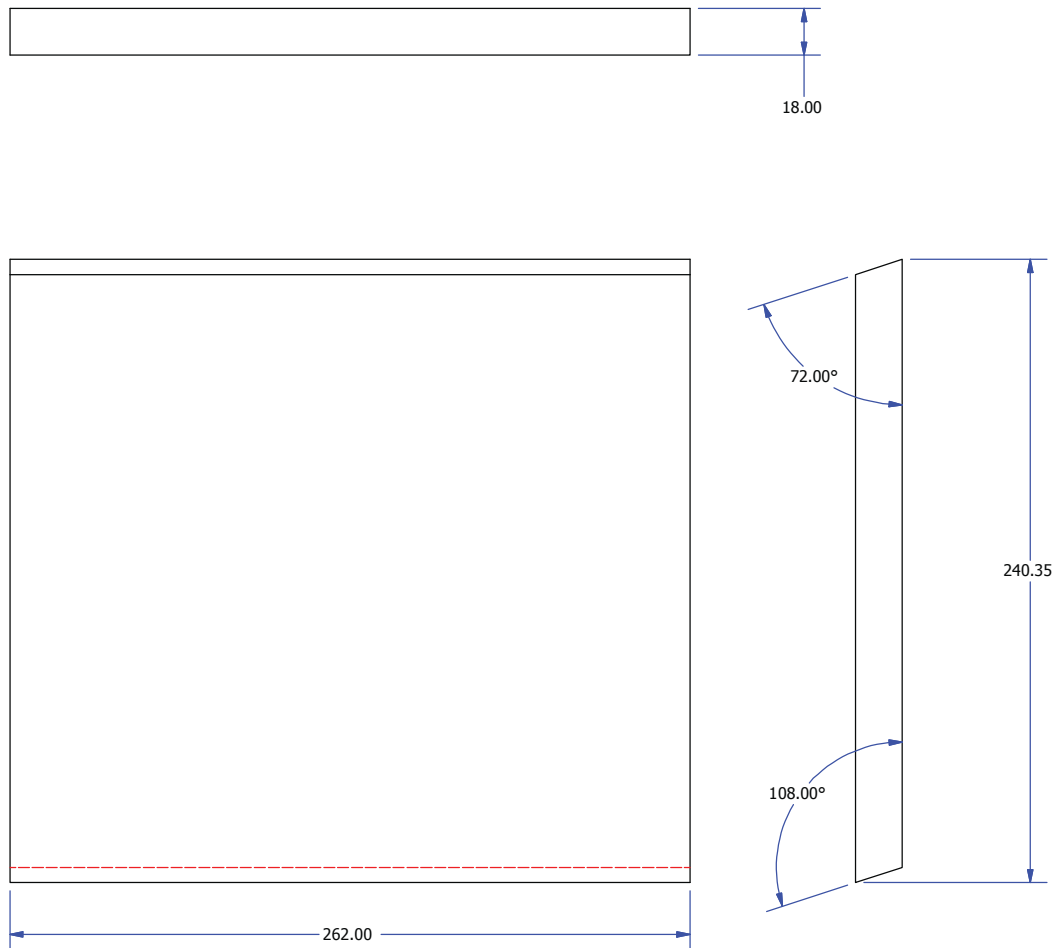
Panel 10

Drawing units: Millimetres



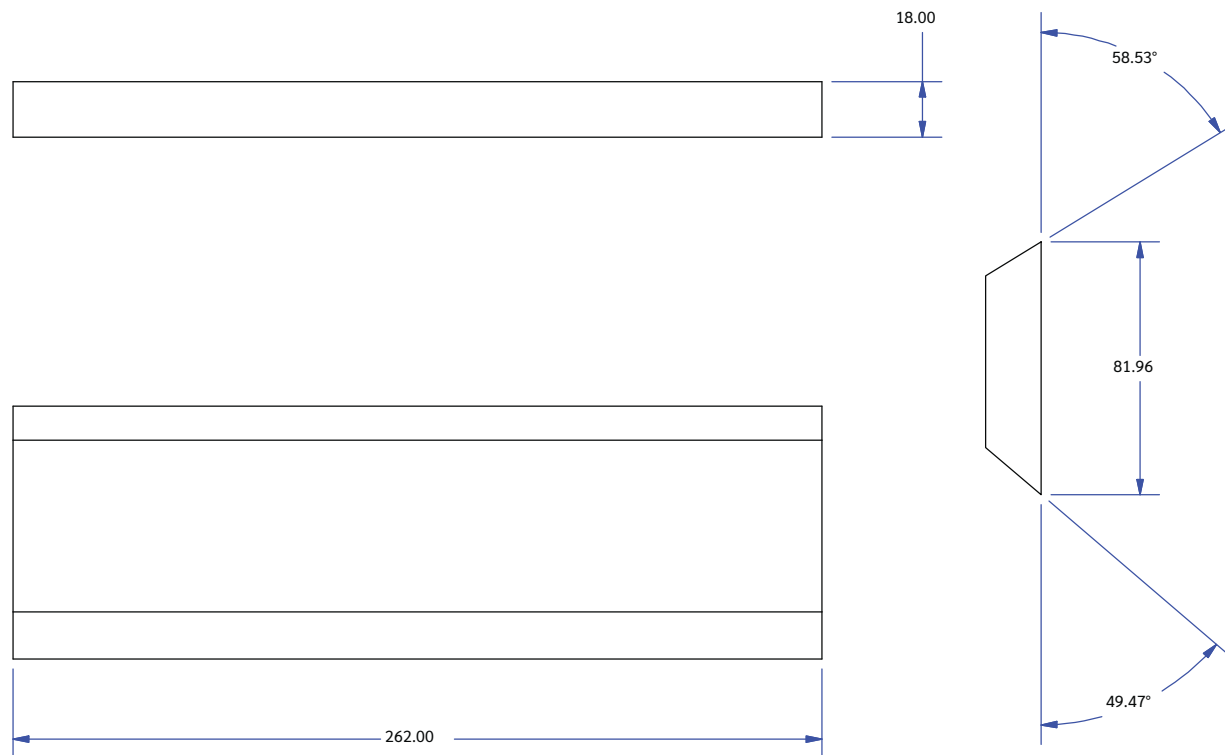
Panel 11

Drawing units: Millimetres



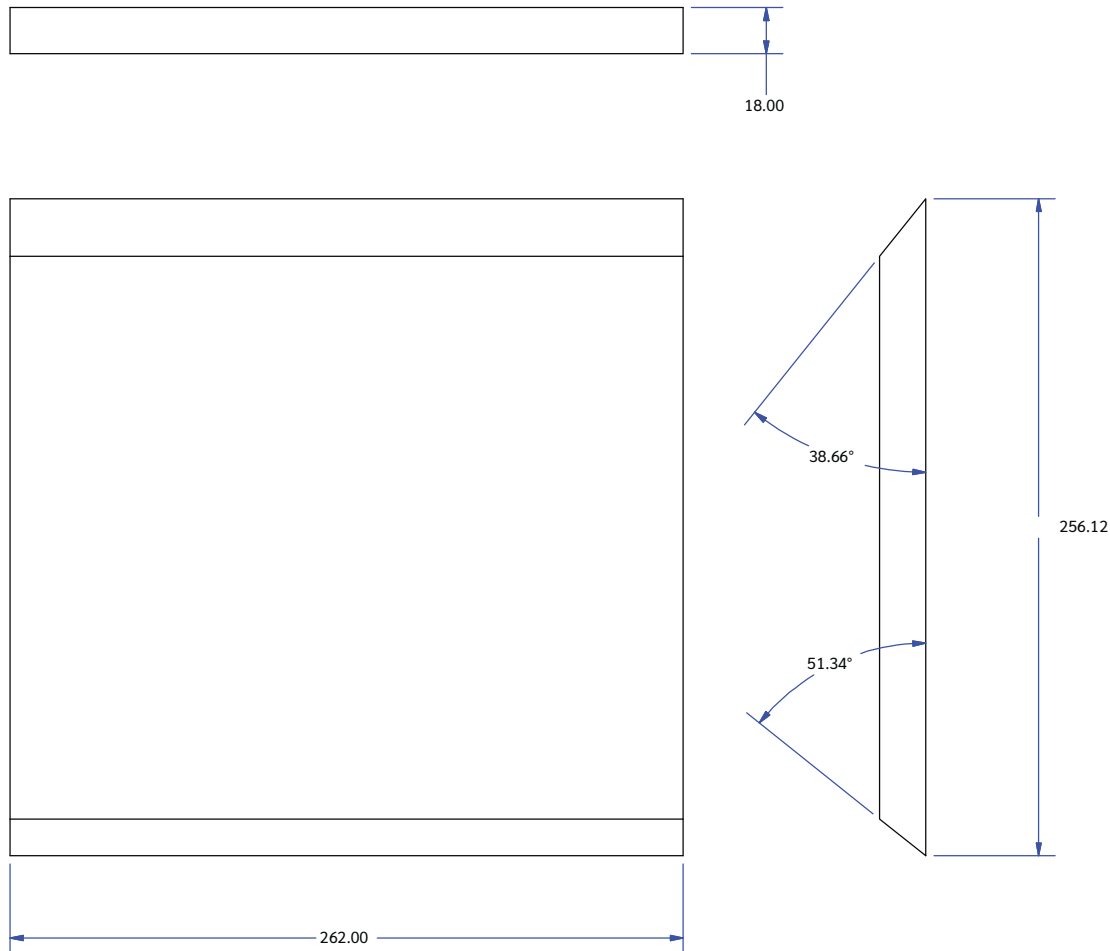
Panel 12

Drawing units: Millimetres



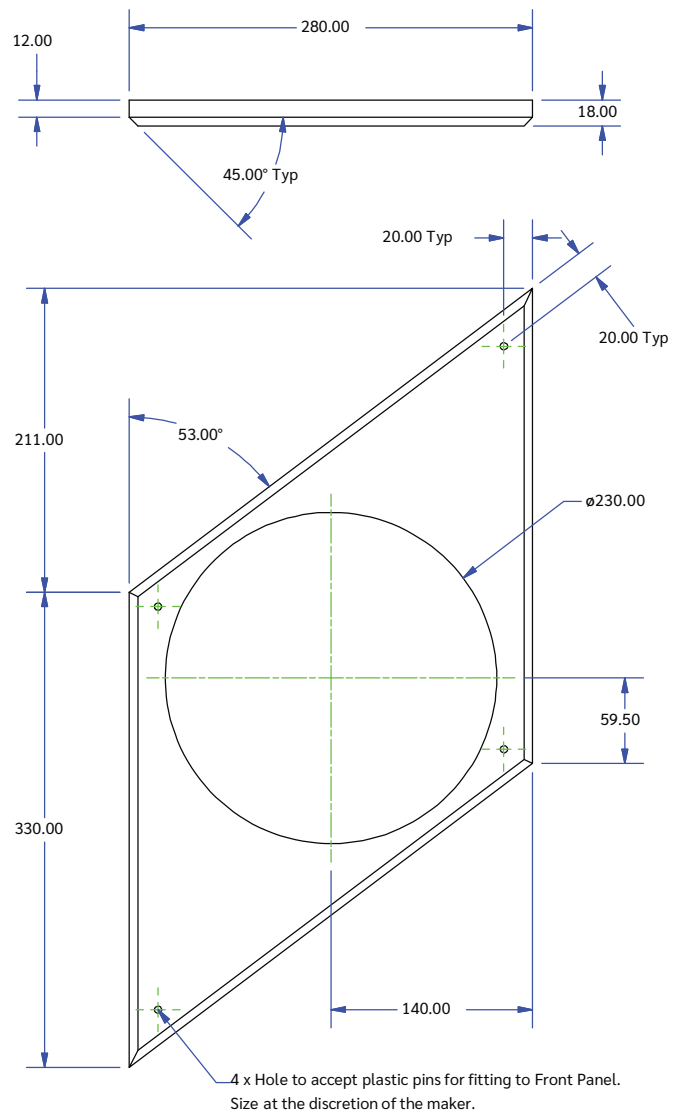
Panel 13

Drawing units: Millimetres



Front Grill Panel

Drawing units: Millimetres

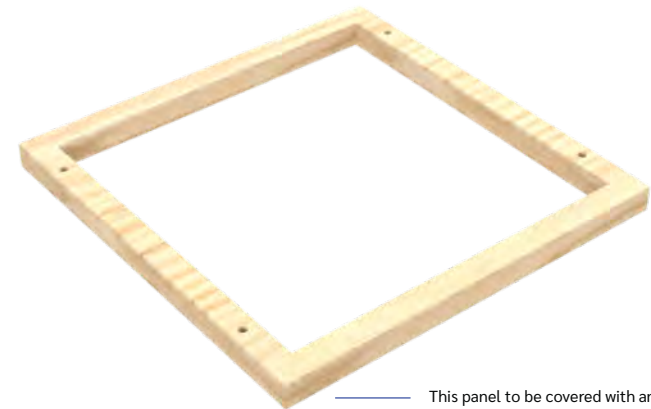
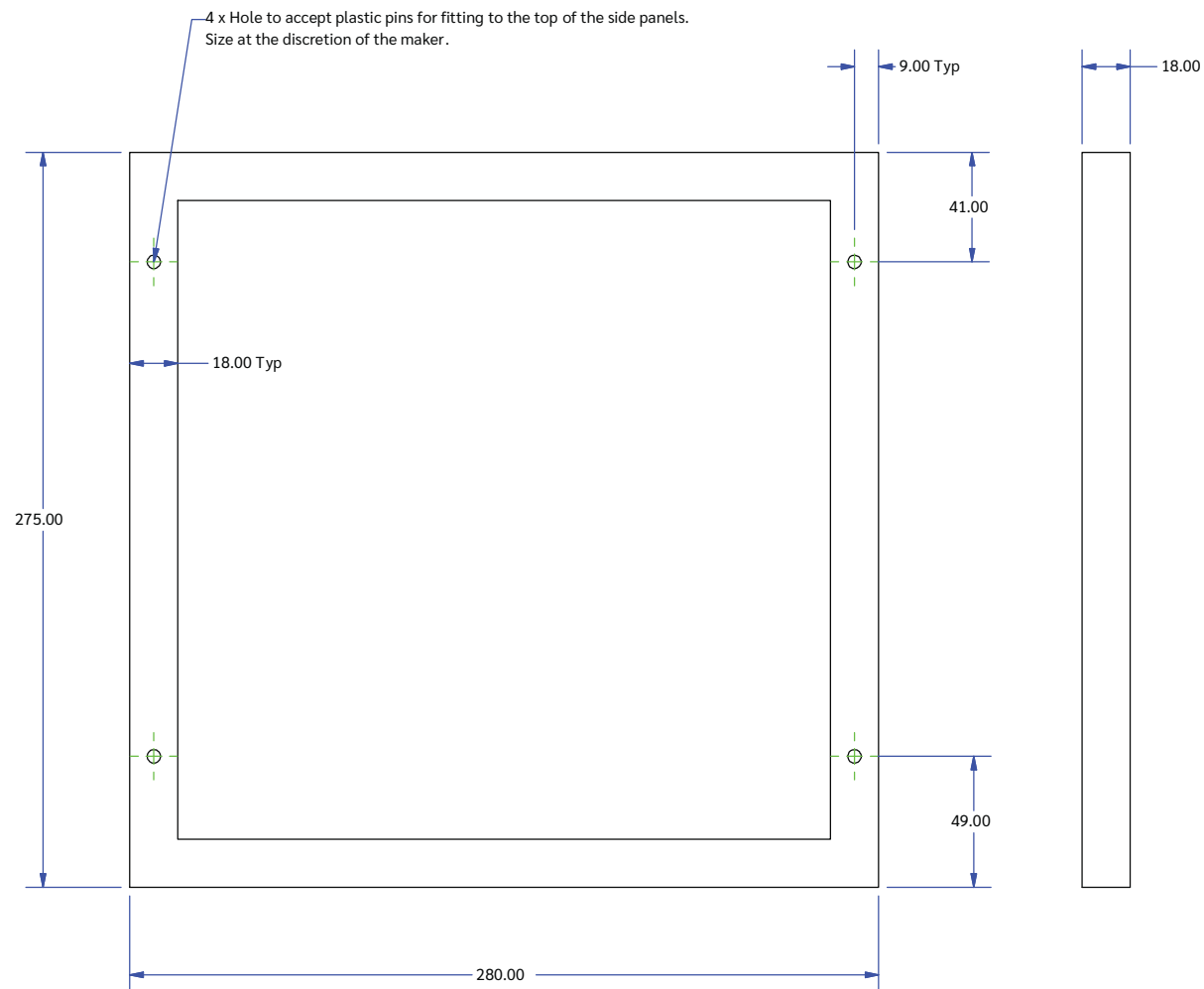


This panel to be covered with an acoustically transparent cloth.



Top Grill Panel

Drawing units: Millimetres



This panel to be covered with an acoustically transparent cloth.



Notes

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Notes



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www.lowtherloudspeakers.com