



# The Acousta 90

Build your Legacy

Difficulty: Beginner

Official Plans by Lowther Loudspeakers

Version 0622





# 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 Acousta 90

The Lowther Acousta 90 was first introduced as an entry level/beginner option for home builders.

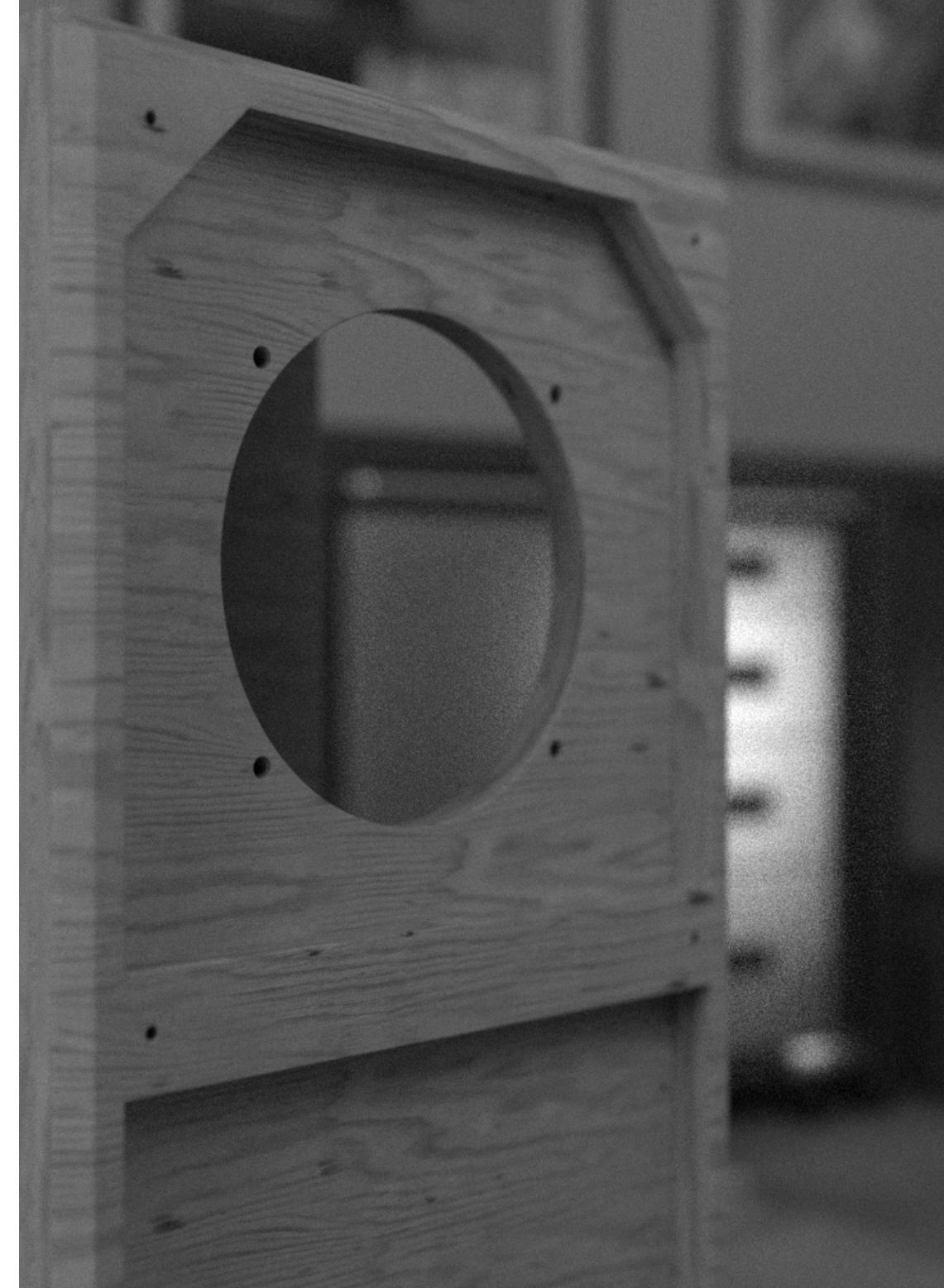
While not a true horn it is an easy cabinet to build for aspiring cabinet builders and will work ok in a small room.

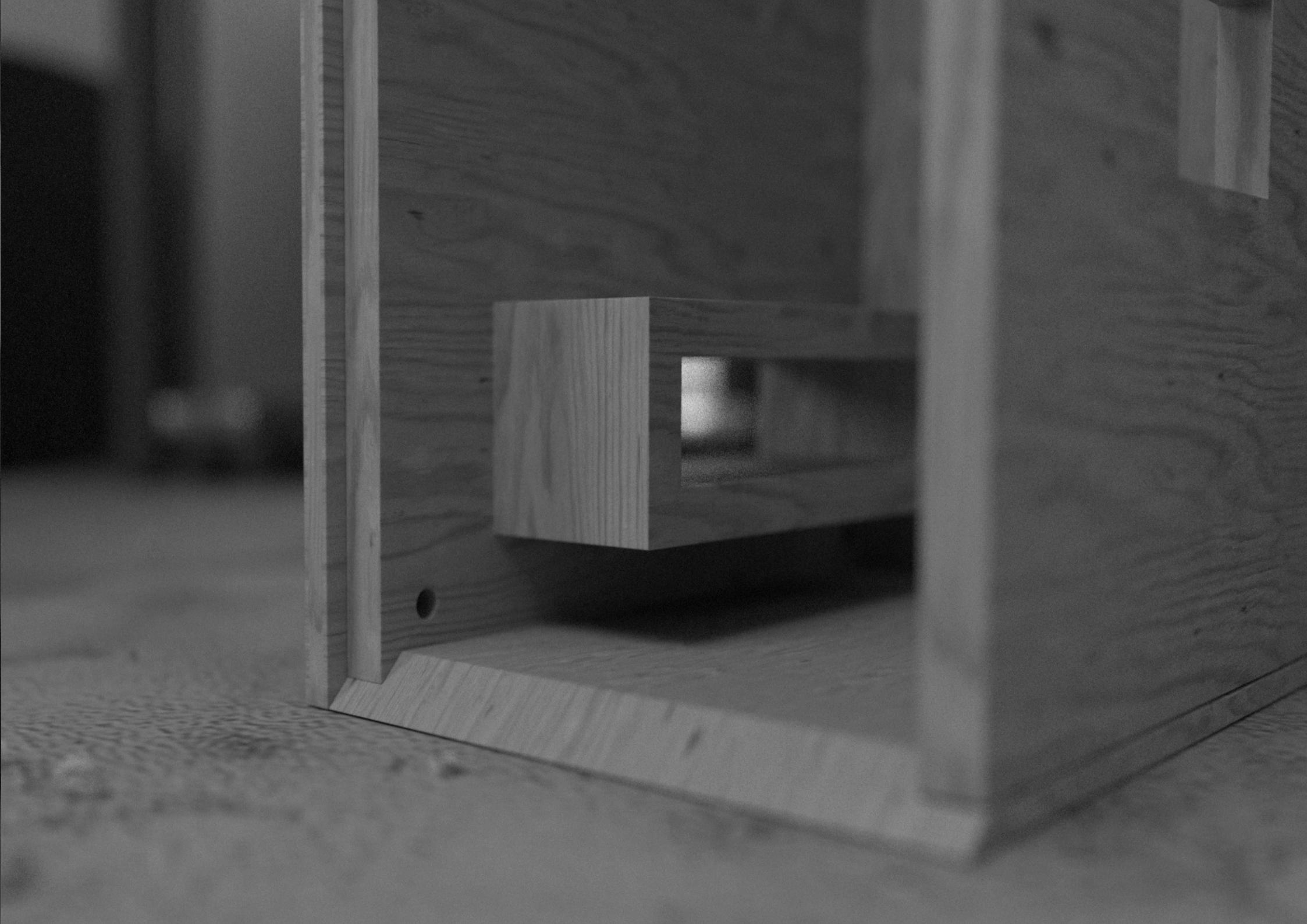
## Dimensions

Height: 634mm, width: 342mm, depth: 238mm

## 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:** n/a

**Ceramic Magnet:** n/a

**Neodymium Magnet:** DX2

## **Alternative Drive Units**

All the following drive units will fit this cabinet.

### **Front**

DX2, DX3, DX4, EX2, EX3, EX4, PM2A, PM5A, PM6A, PM7A, PM6C.

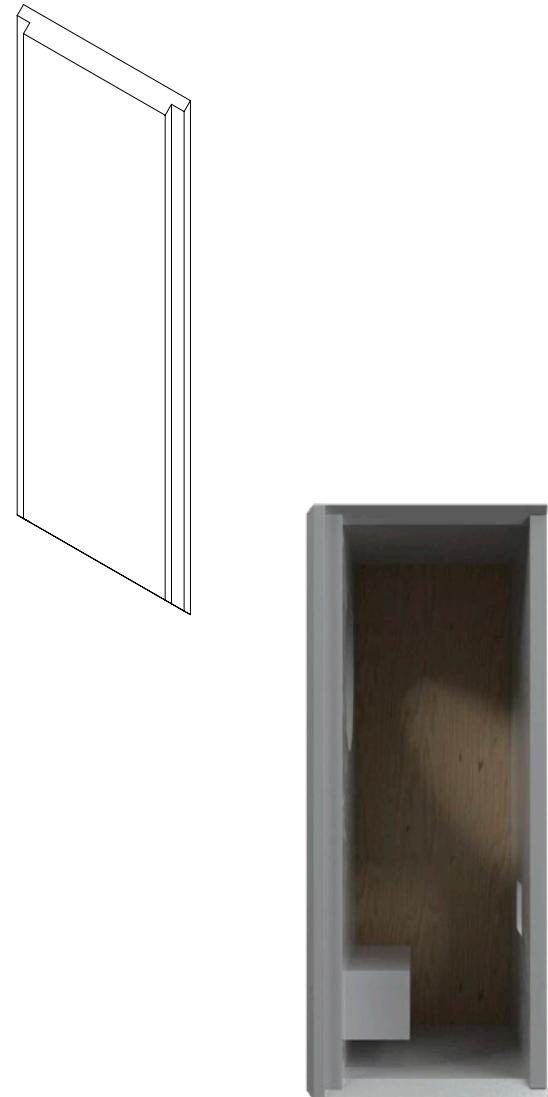
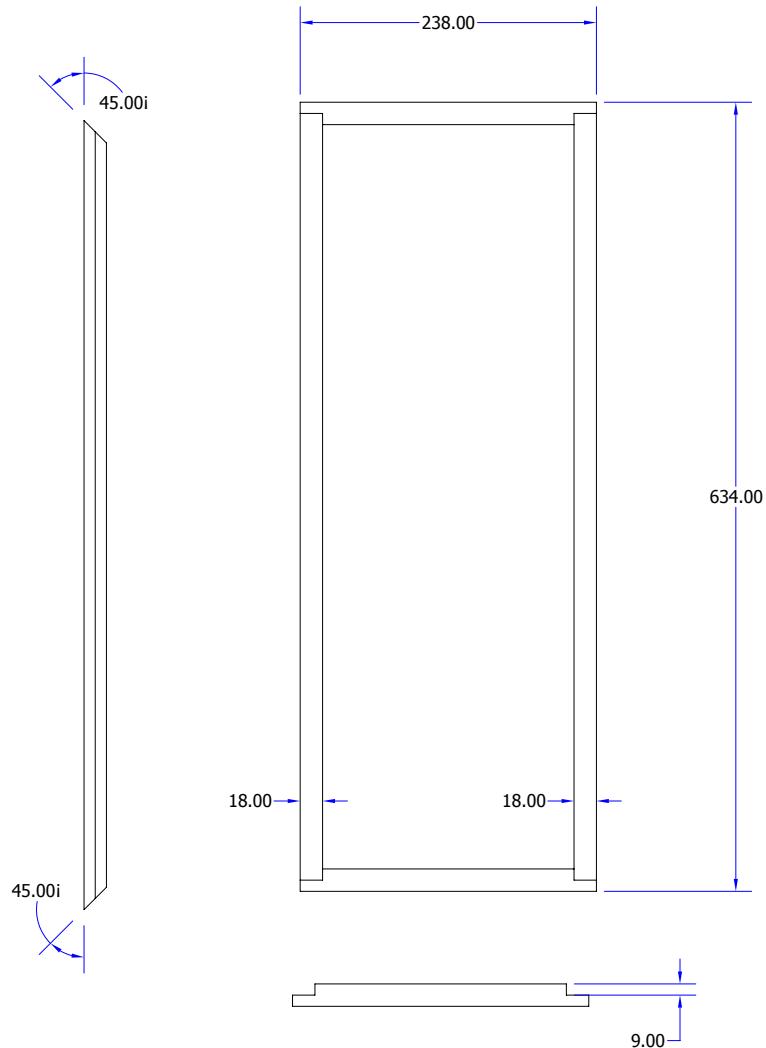
## **Buying your drive unit**

To purchase a Lowther drive unit please visit:

[www.lowtherloudspeakers.com](http://www.lowtherloudspeakers.com)

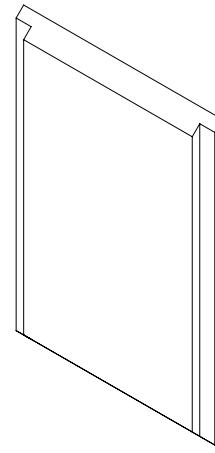
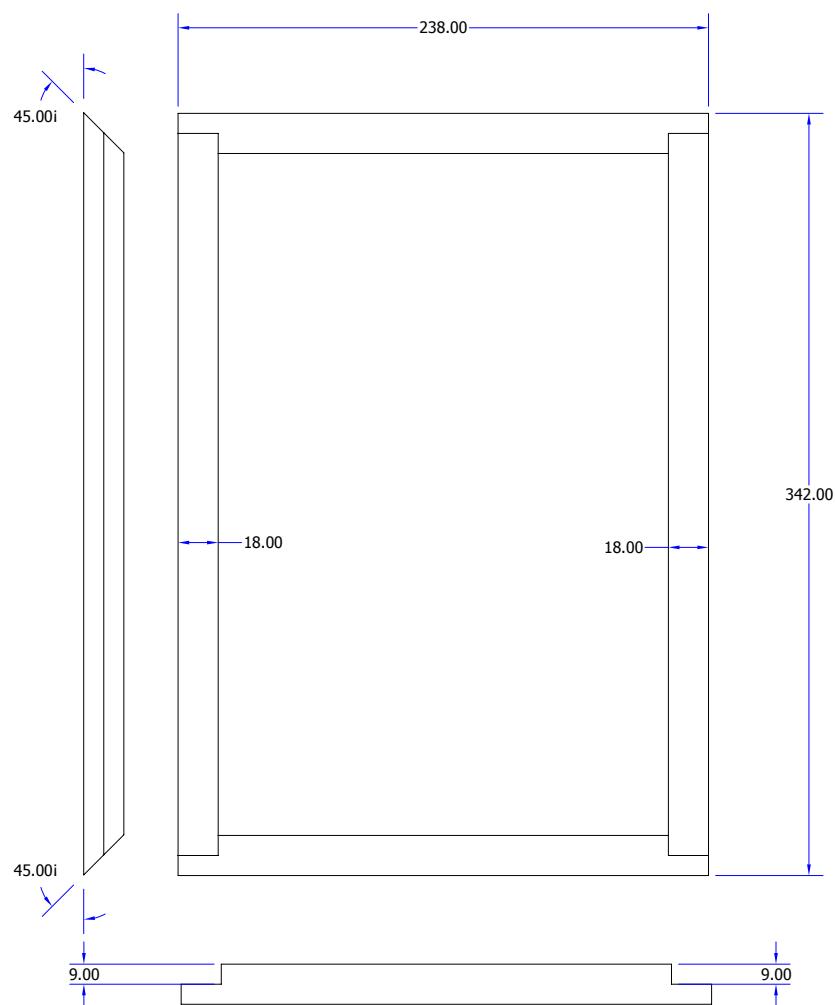
# Side Panels

Drawing units: Millimetres



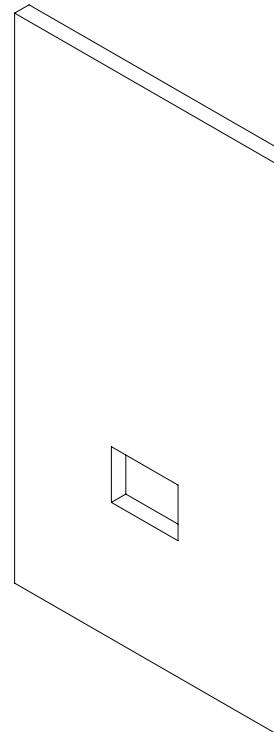
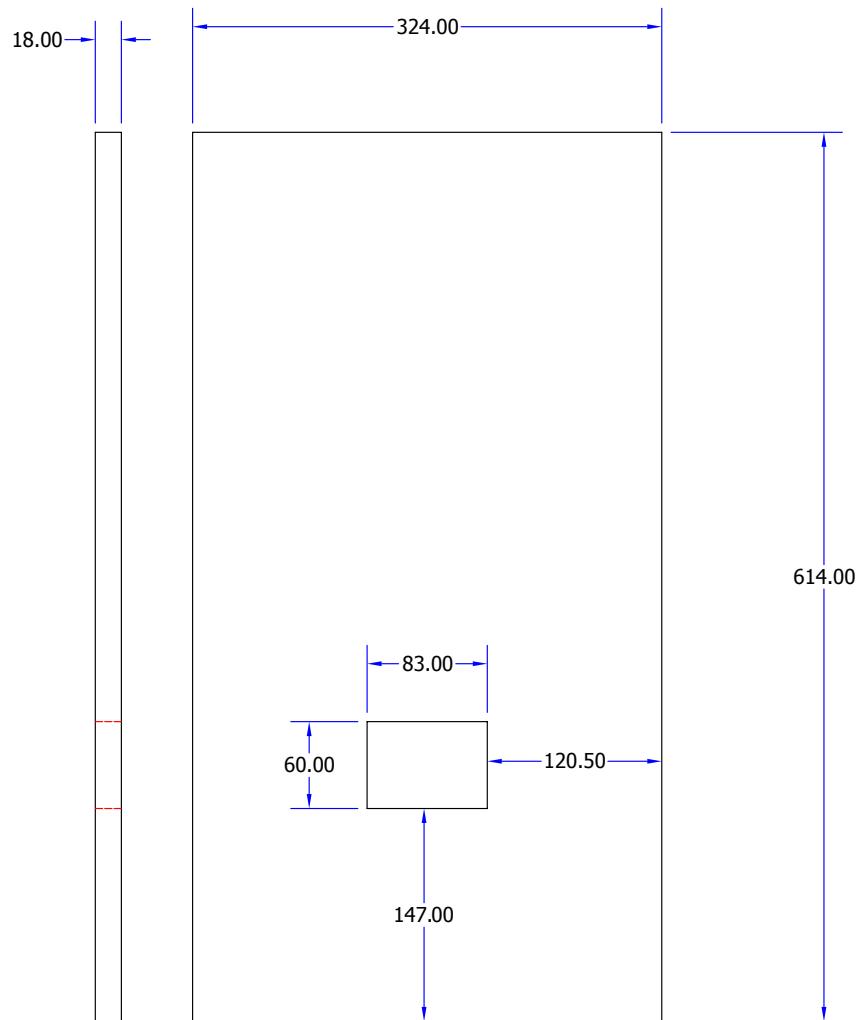
# Top and Bottom Panels

Drawing units: Millimetres



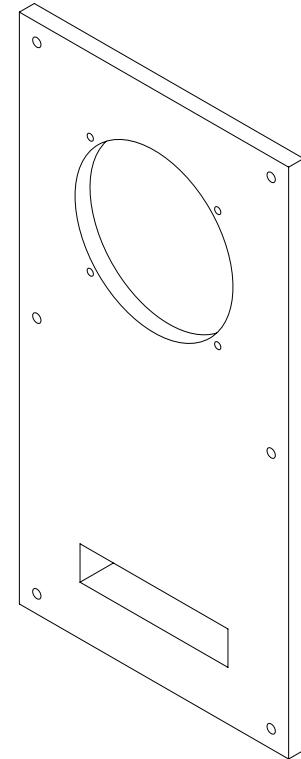
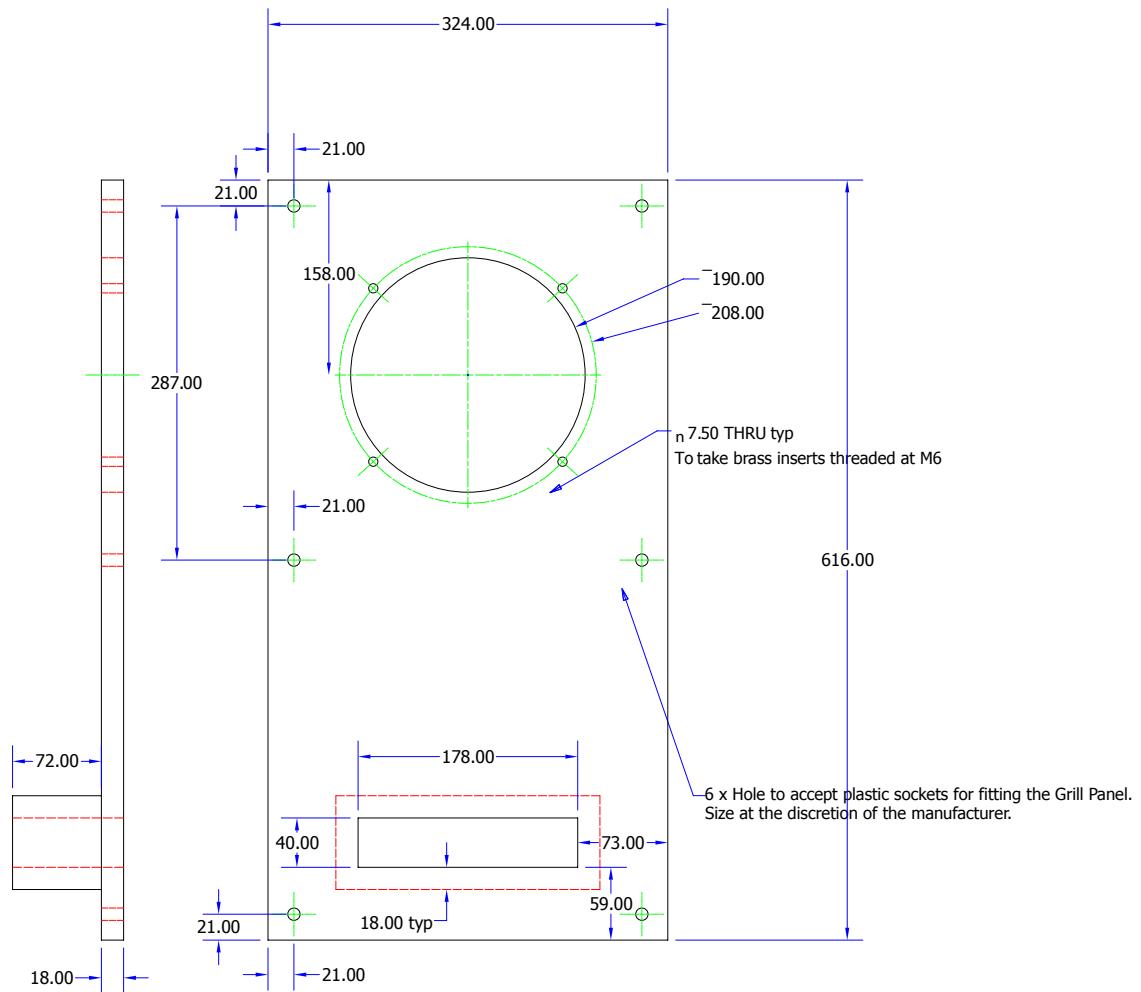
# Rear Panel

Drawing units: Millimetres



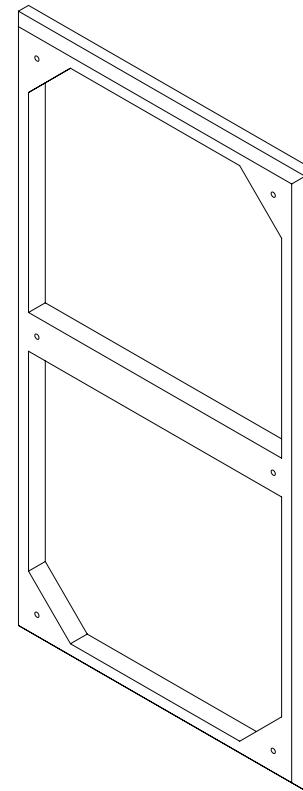
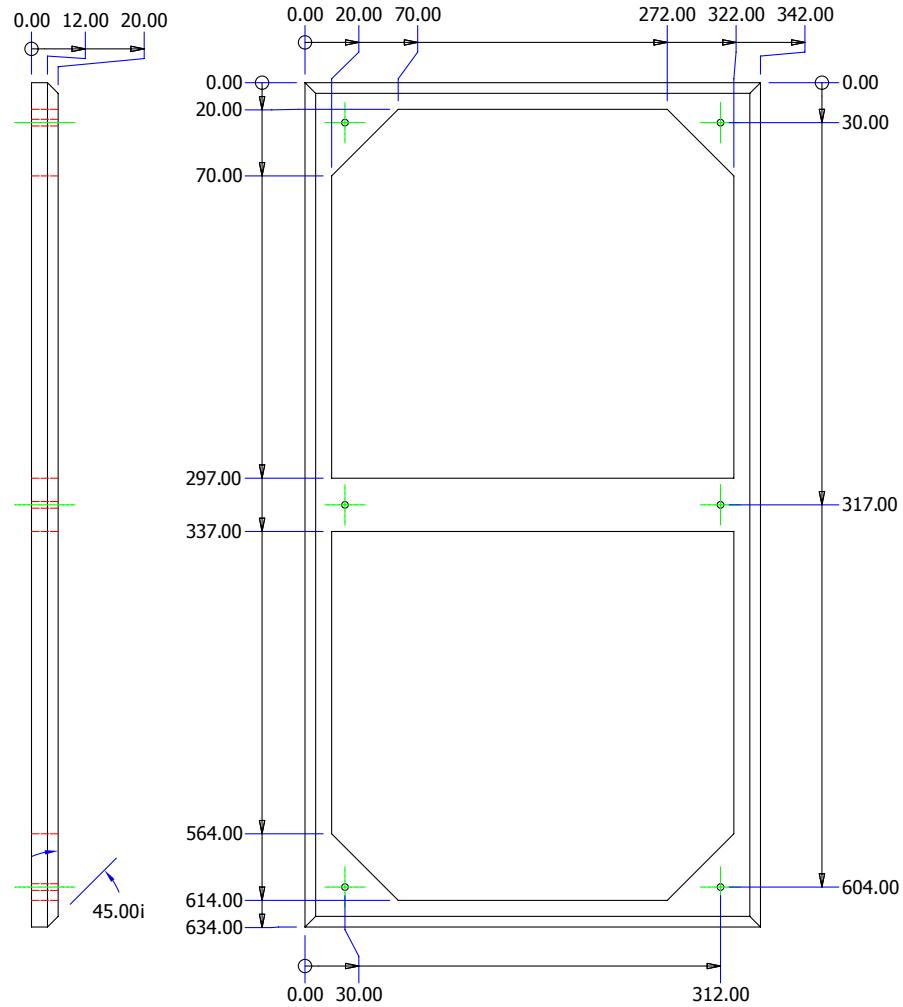
# Front Panel

## Drawing units: Millimetres



# Grill Panel

Drawing units: Millimetres





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[www.lowtherloudspeakers.com](http://www.lowtherloudspeakers.com)