



# The Accolade 4

Build your Legacy

Difficulty: Intermediate

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 Accolade 4

The Lowther Accolade 4 is the largest in the Accolade range. The cabinet is of conventional size which should suit most medium sized rooms.

Within the cabinet is the internal horn format which is reinforced by a balanced opposing air column. This enhances both base and high level response. The design eliminates the need for cross-over filtering between the drive units.

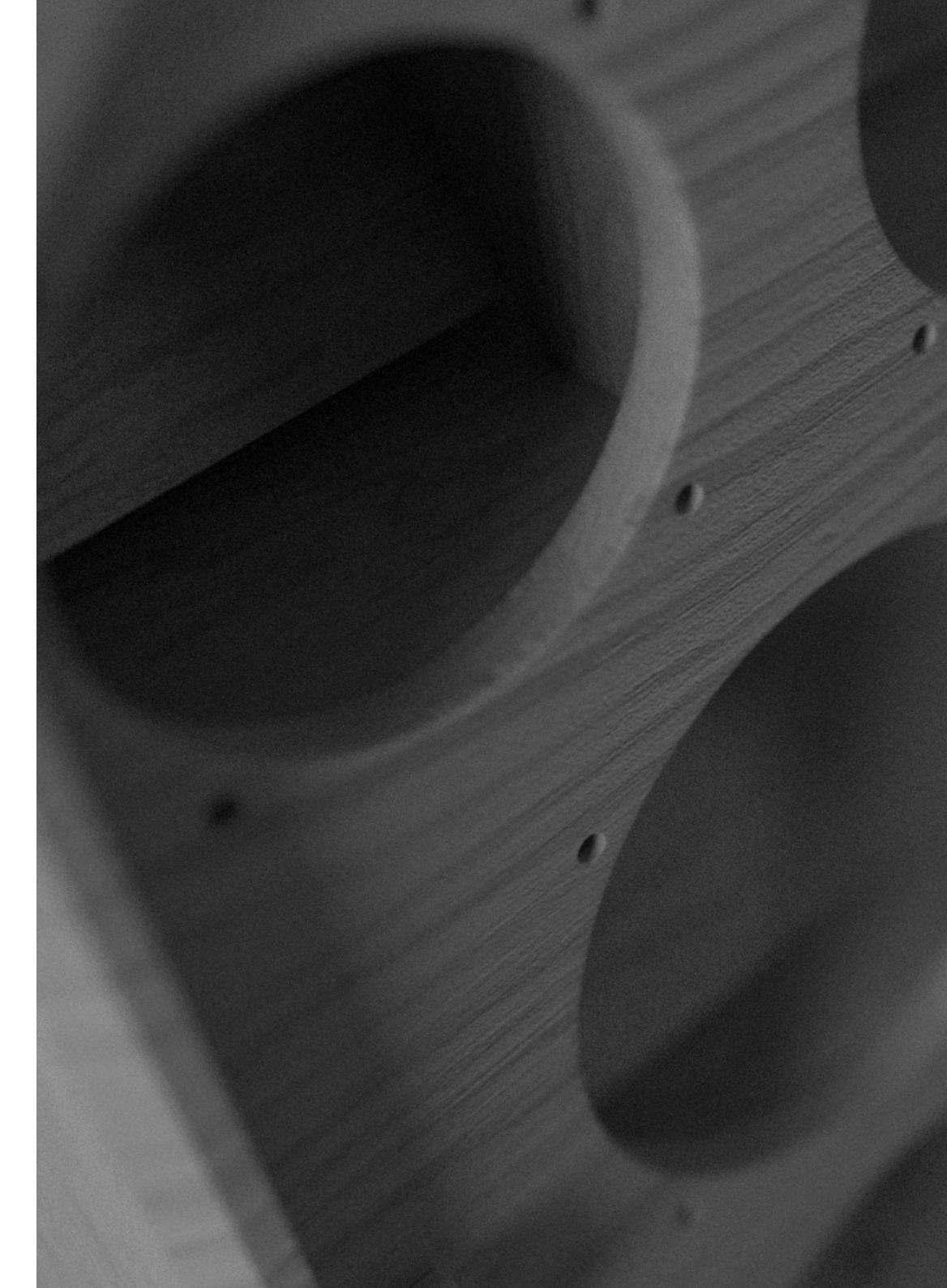
Due to the complexity of the labyrinth and size of this cabinet we have rated this an intermediate cabinet to build.

## **Dimensions**

Height: 688mm, width: 330mm, depth: 360mm

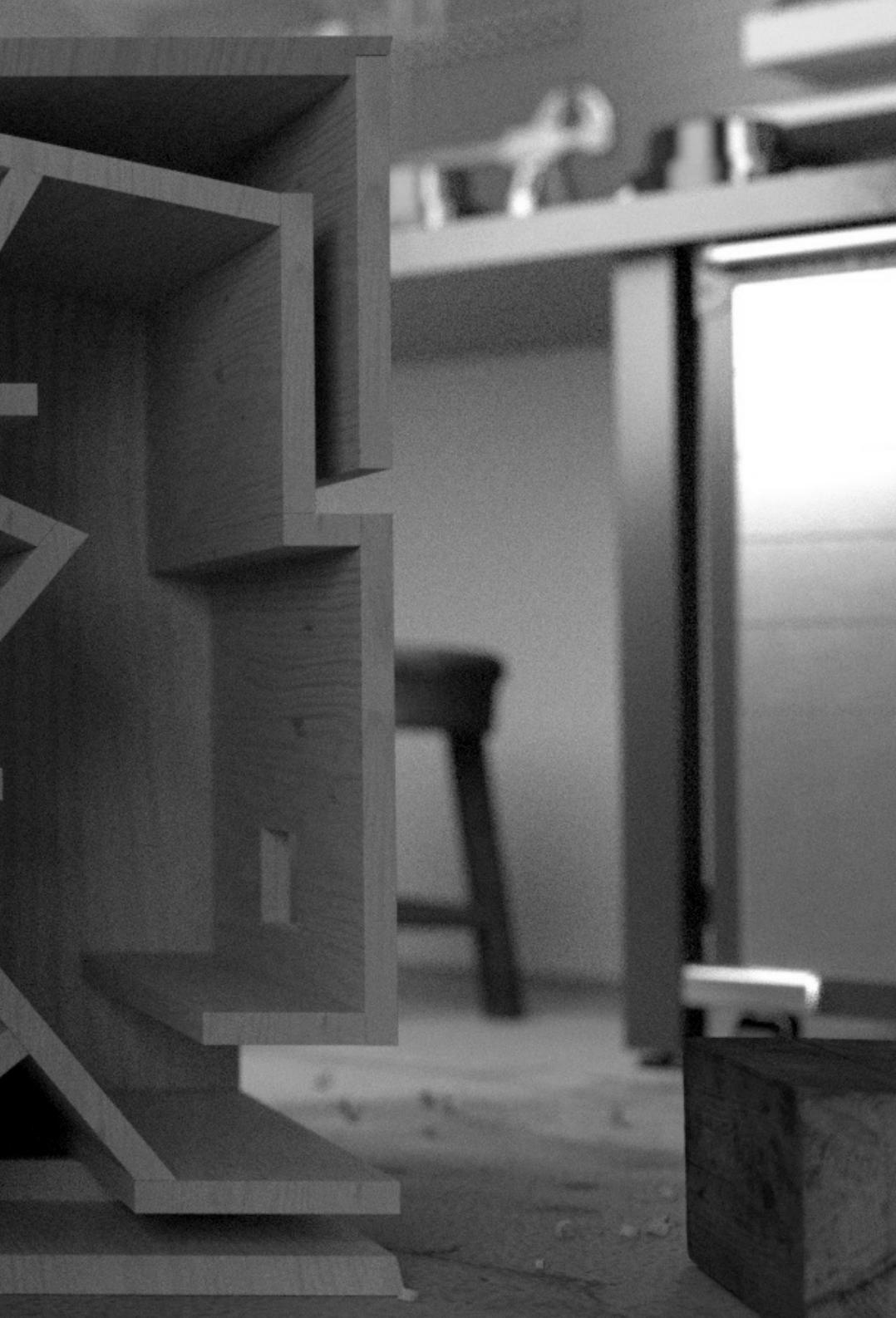
## **Construction Note**

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:** Not recommended

**Ceramic Magnet:** x2 PM6C, x2 C45

**Neodymium Magnet:** x2 DX3, x2 DX55

## Alternative Drive Units

All the following drive units will fit this cabinet.

### Front Top

DX45, DX65, PMA45, C45

### Front Bottom

DX2, DX4, PM6C.

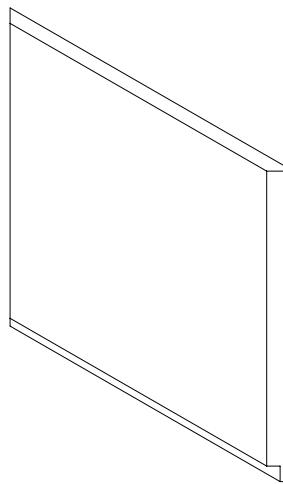
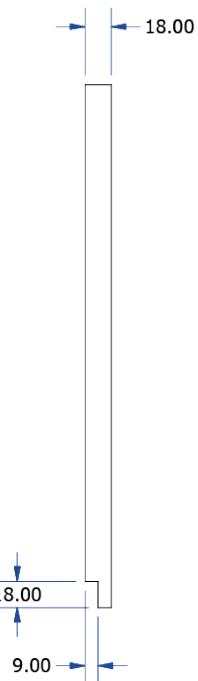
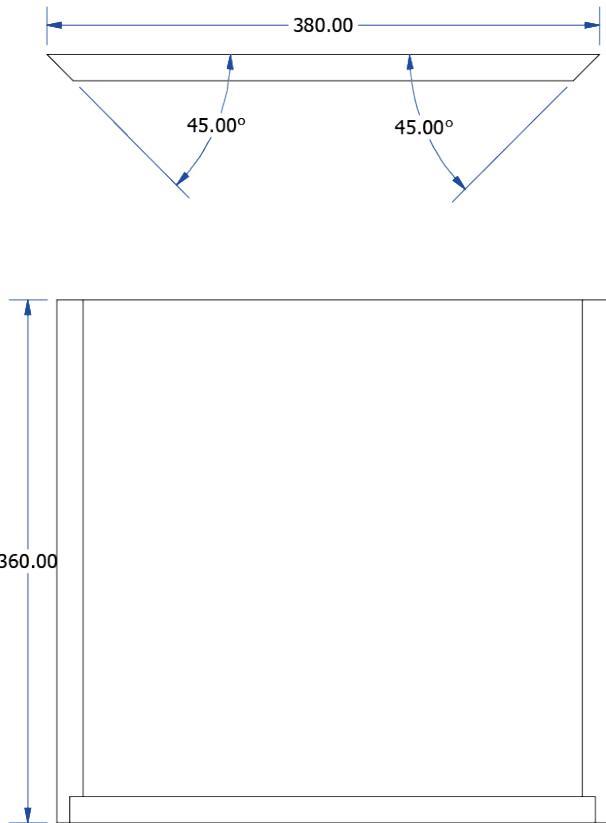
## Buying your drive unit

To purchase a Lowther drive unit please visit:

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

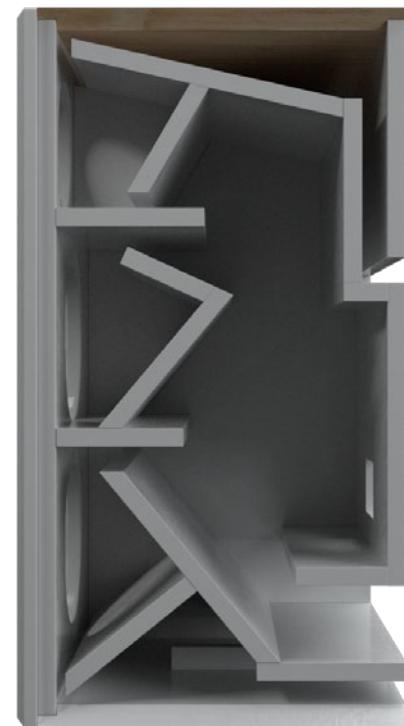
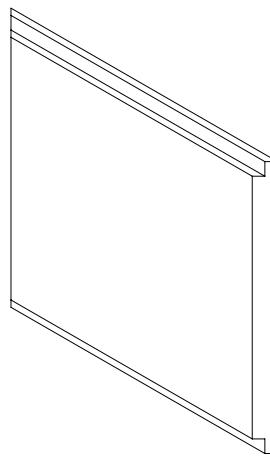
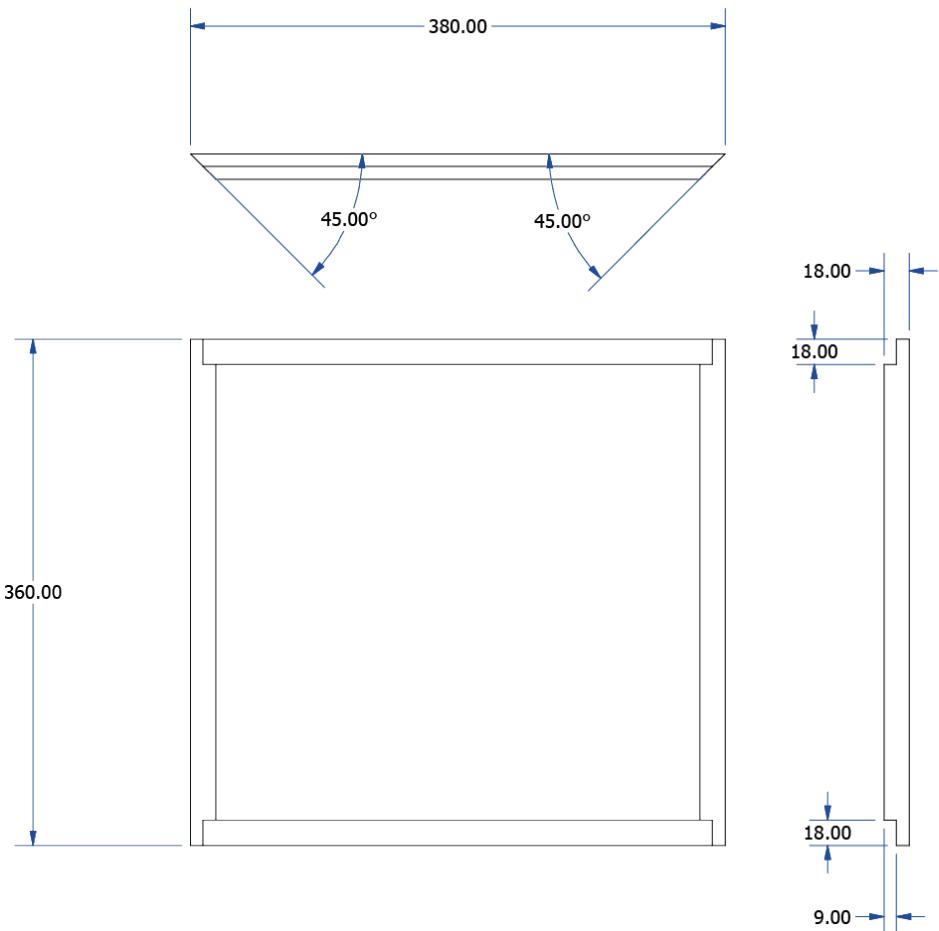
# Base Panel

Drawing units: Millimetres



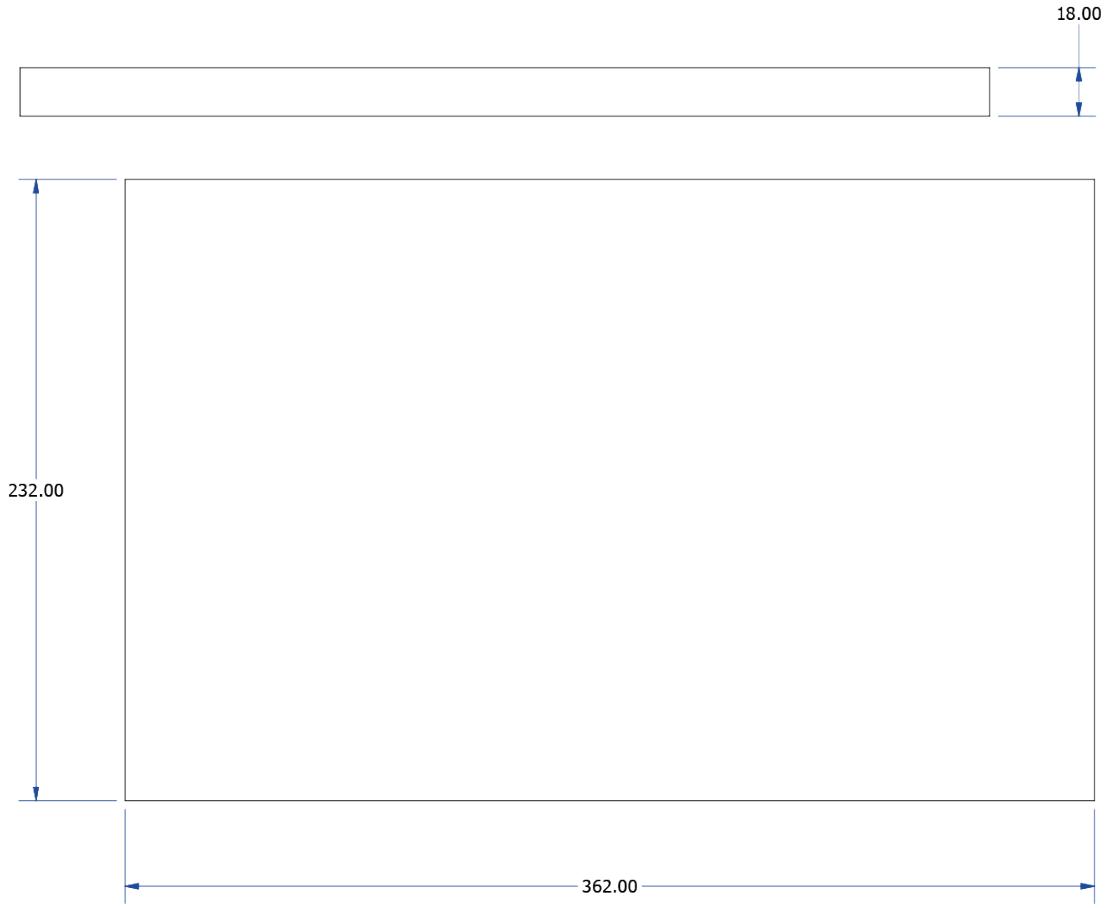
# Top Panel

Drawing units: Millimetres



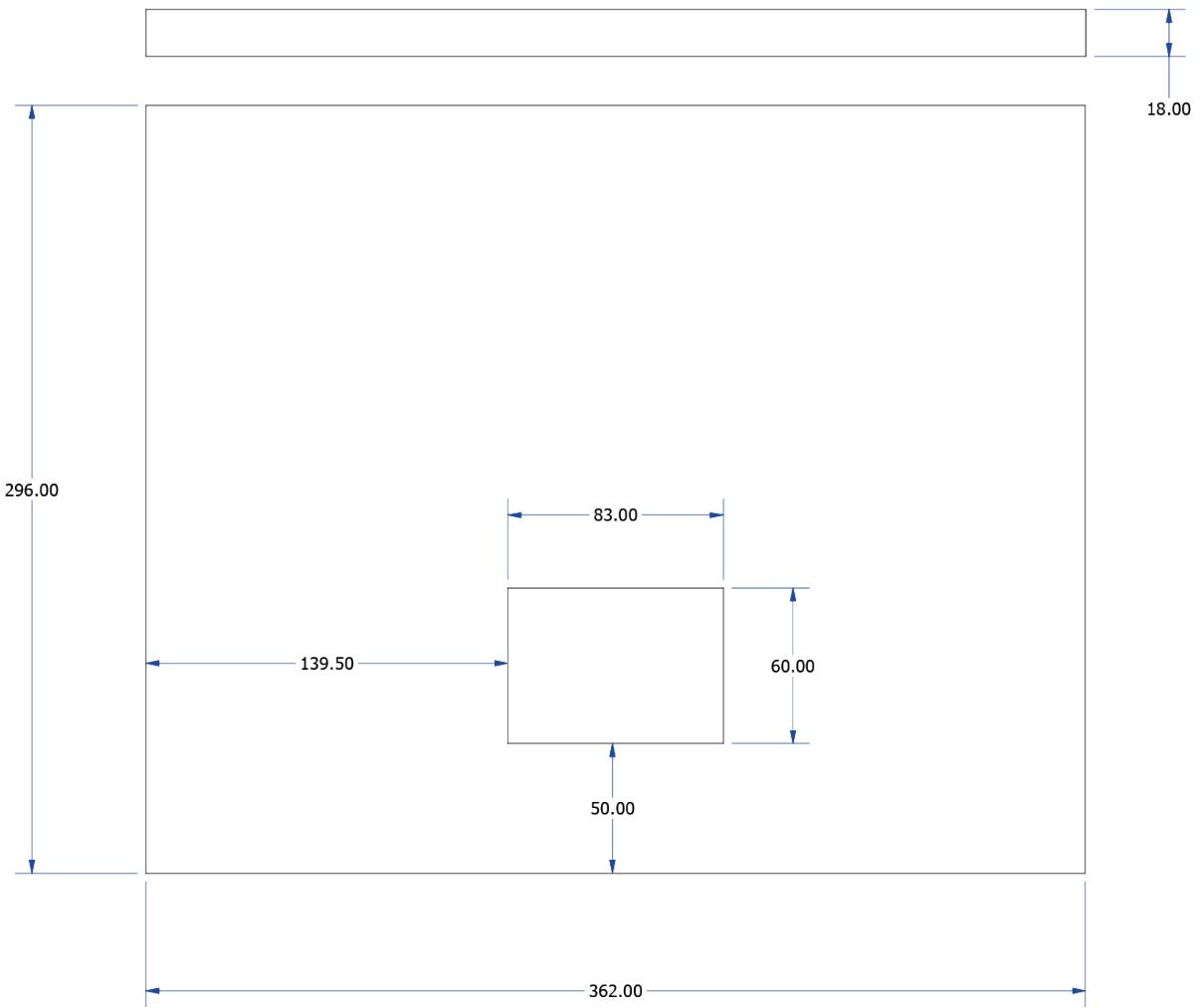
# Top Rear Panel

Drawing units: Millimetres



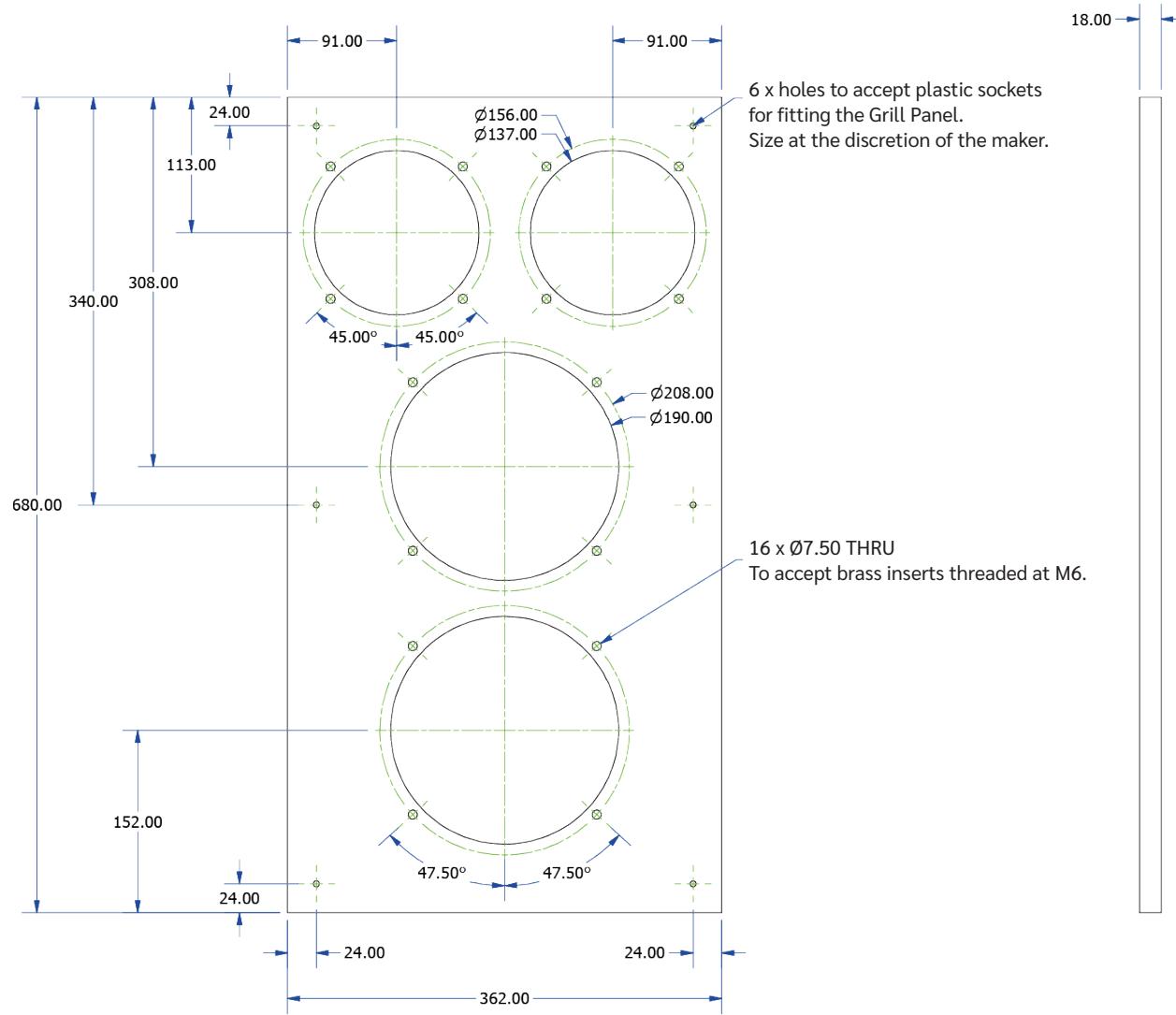
# Bottom Rear Panel

Drawing units: Millimetres



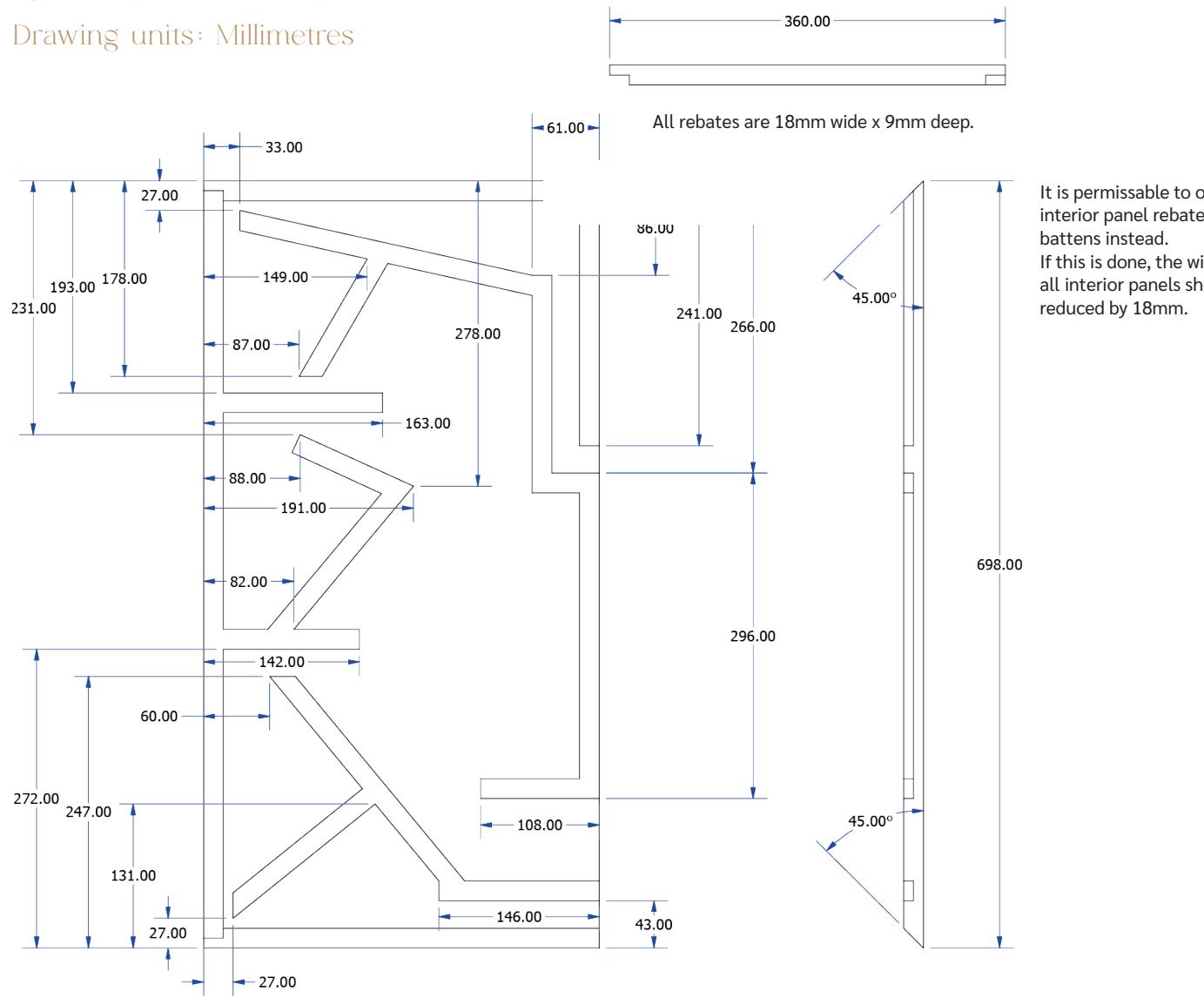
## Front Panel

## Drawing units: Millimetres



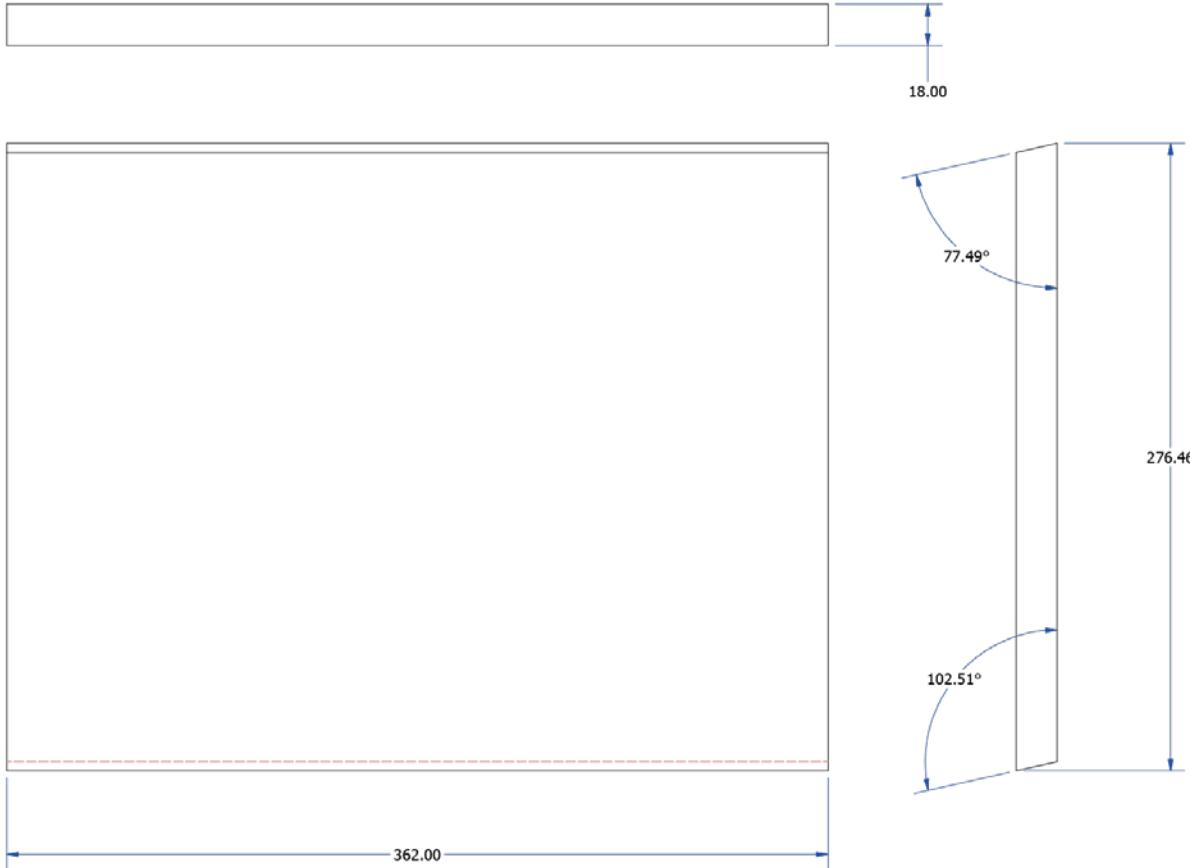
# Side Panel

Drawing units: Millimetres



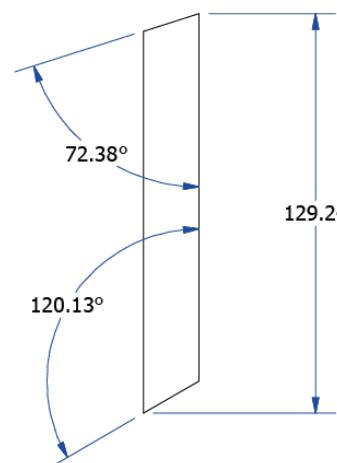
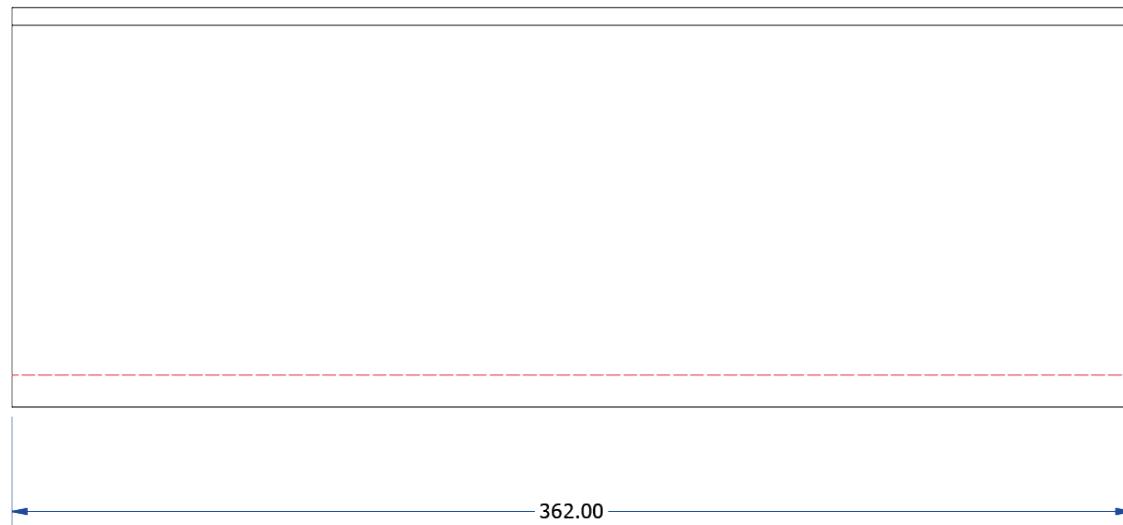
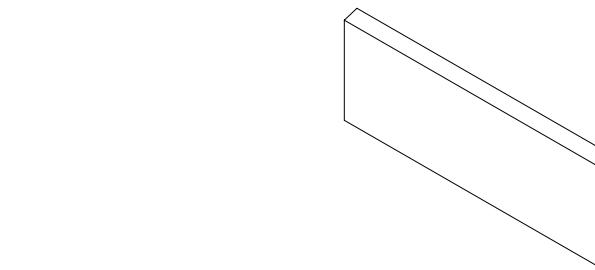
# Panel 1

Drawing units: Millimetres



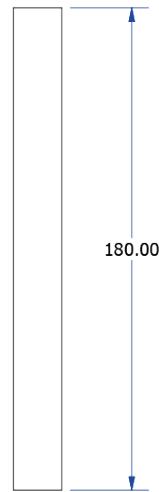
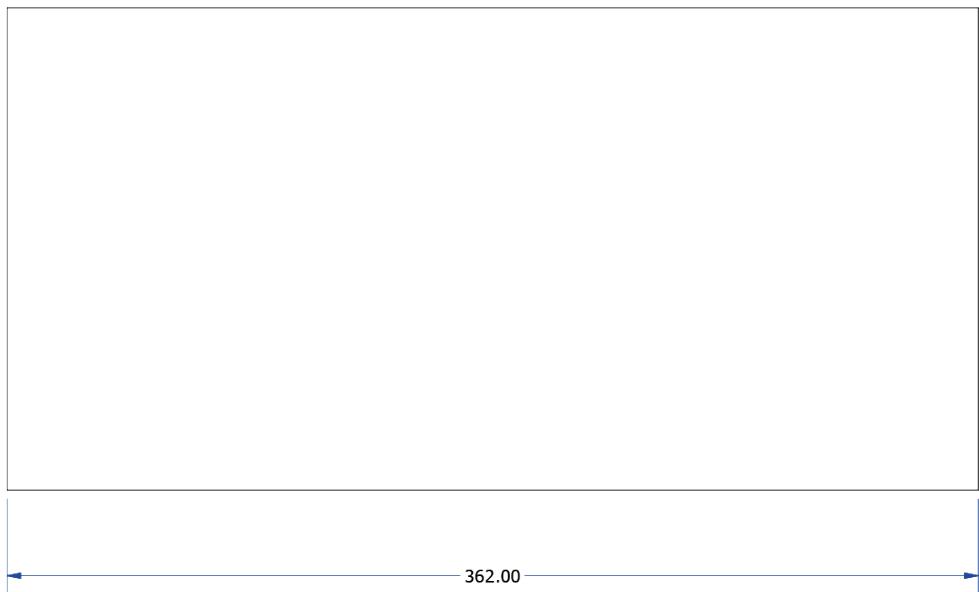
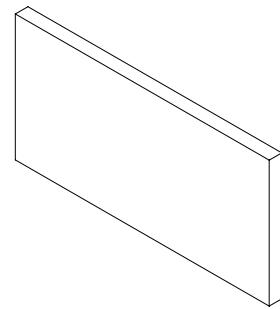
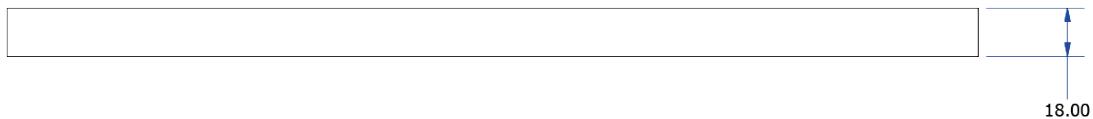
# Panel 2

Drawing units: Millimetres



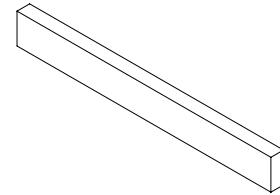
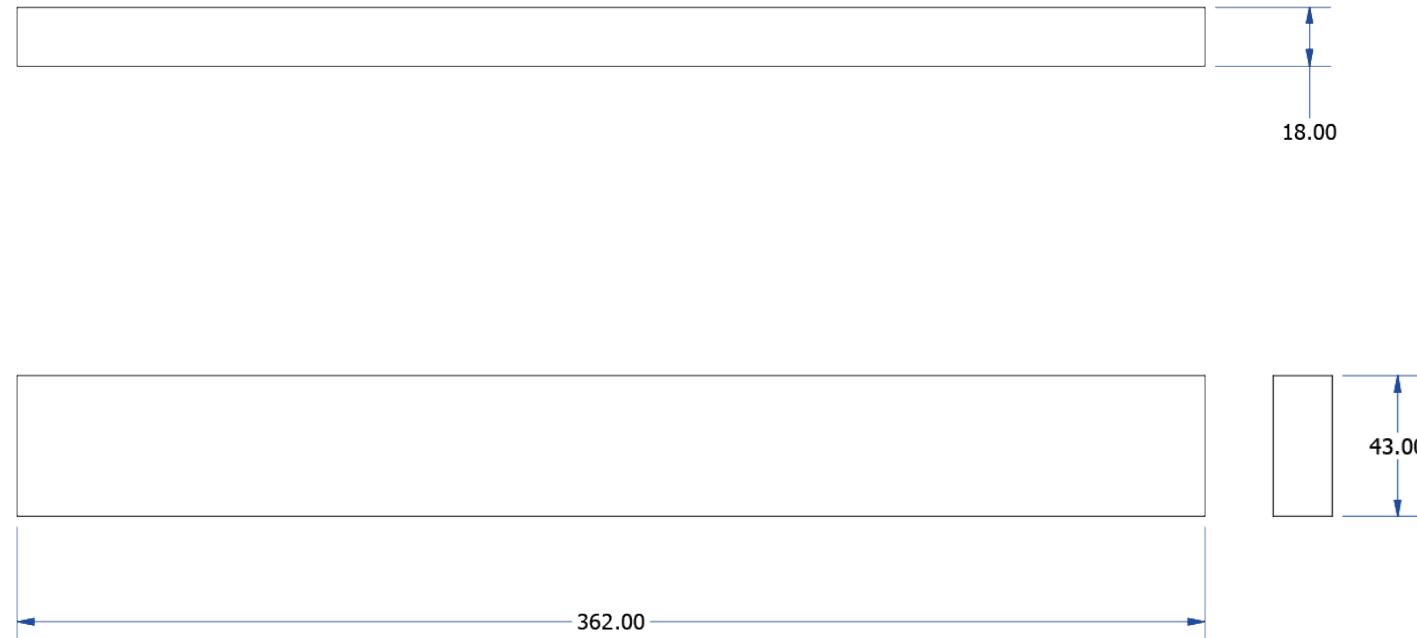
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Drawing units: Millimetres



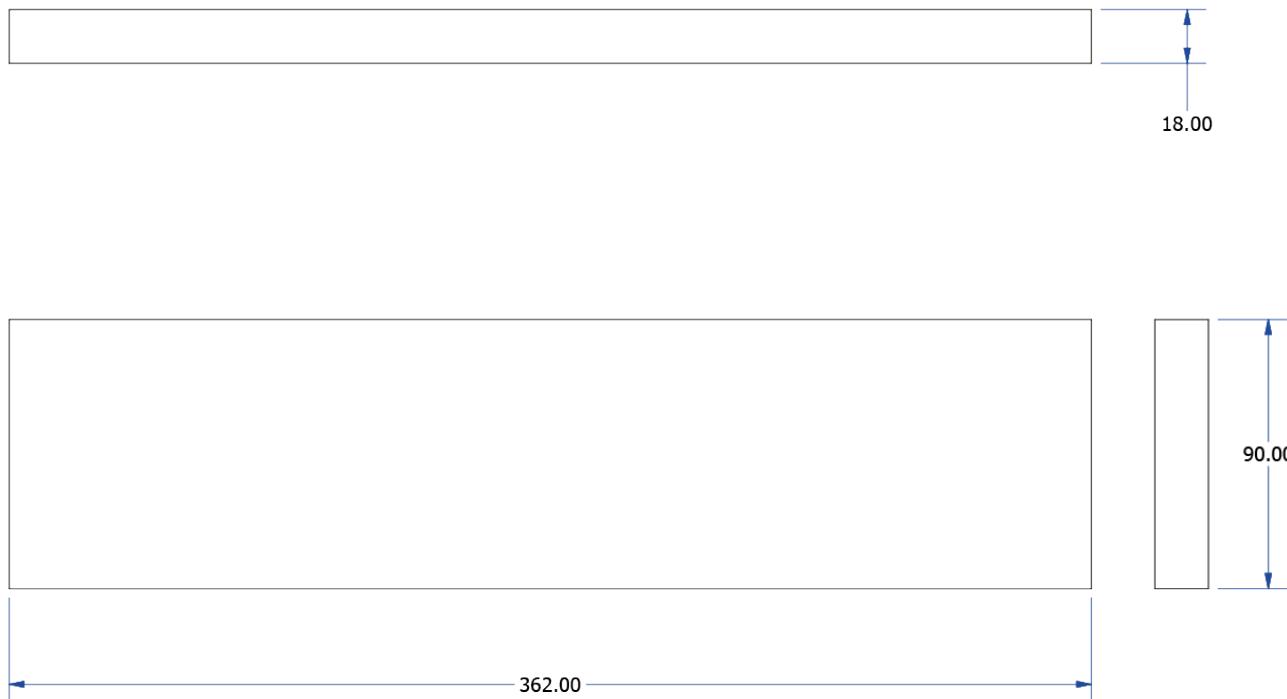
# Panel 4

Drawing units: Millimetres



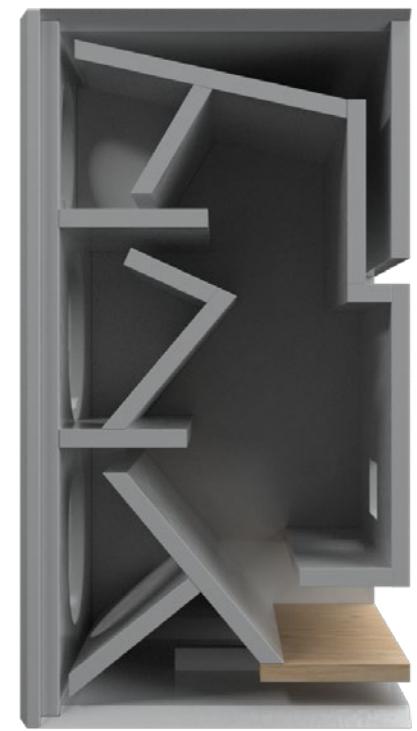
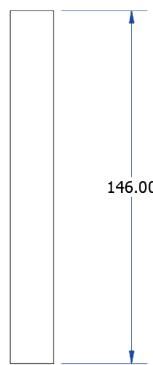
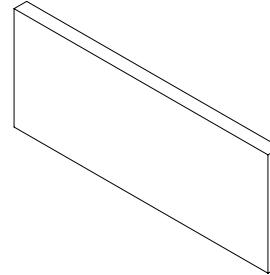
# Panel 5

Drawing units: Millimetres



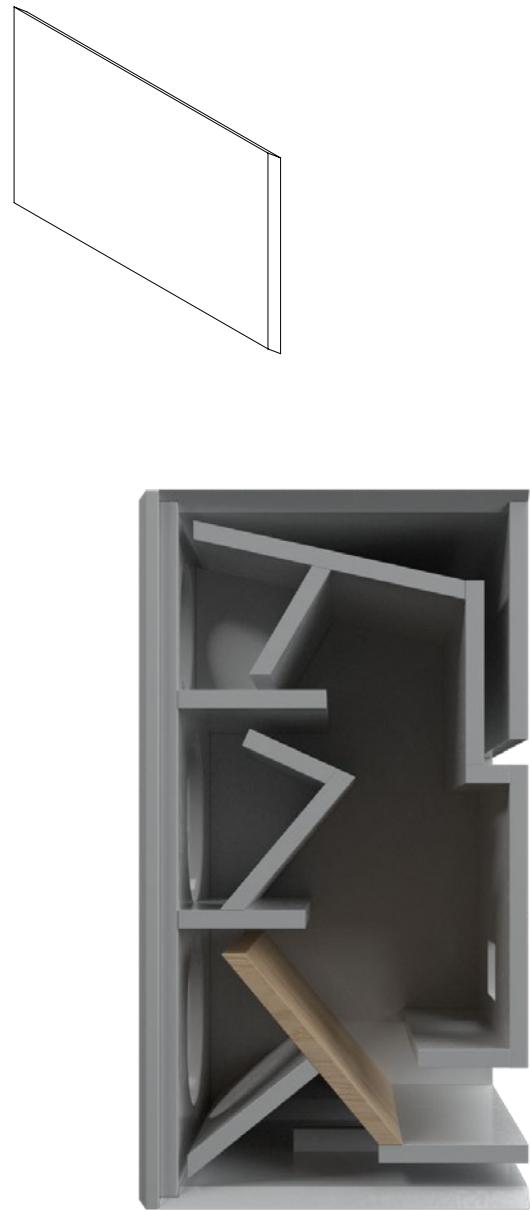
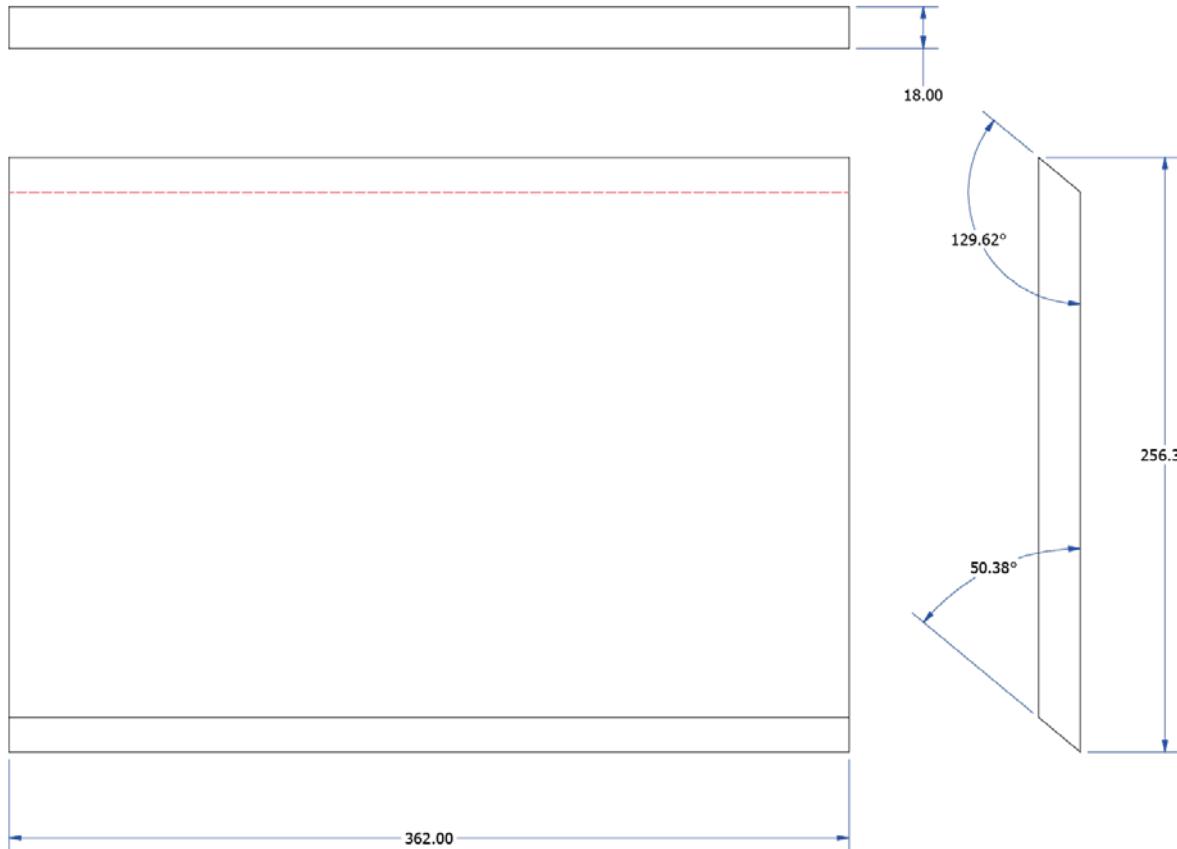
# Panel 6

Drawing units: Millimetres



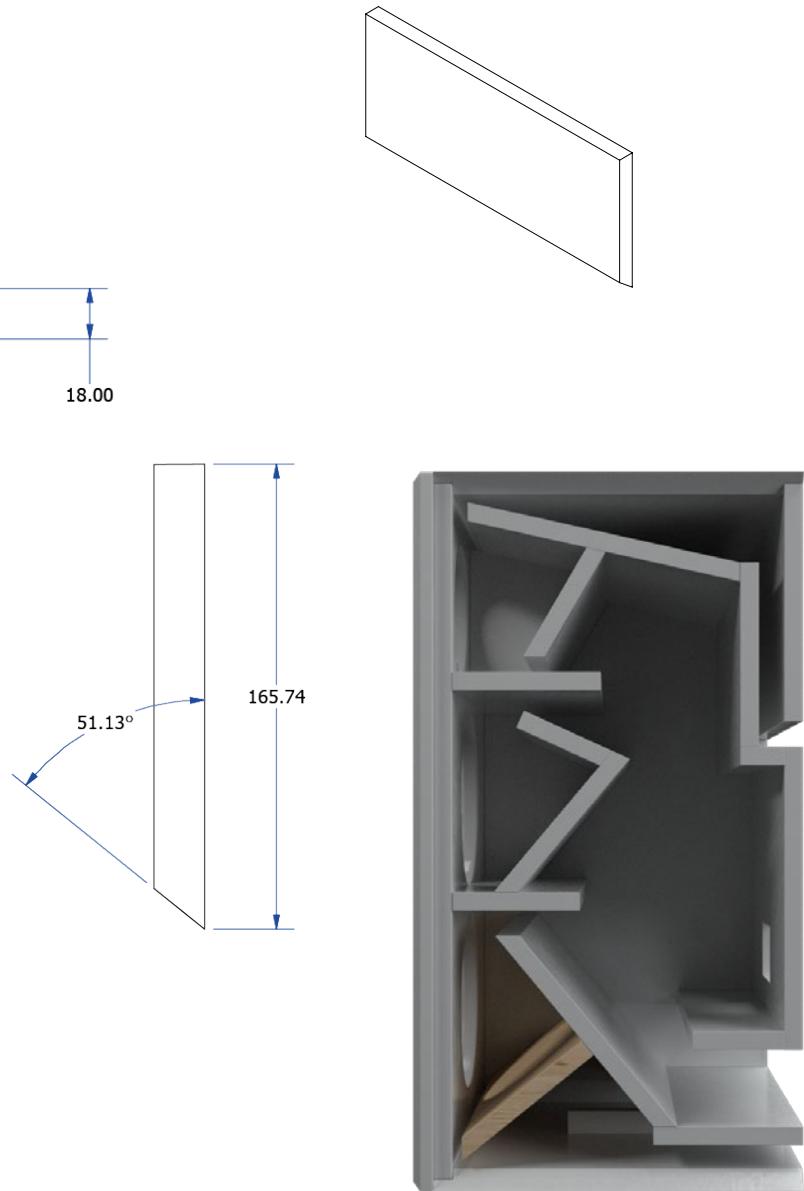
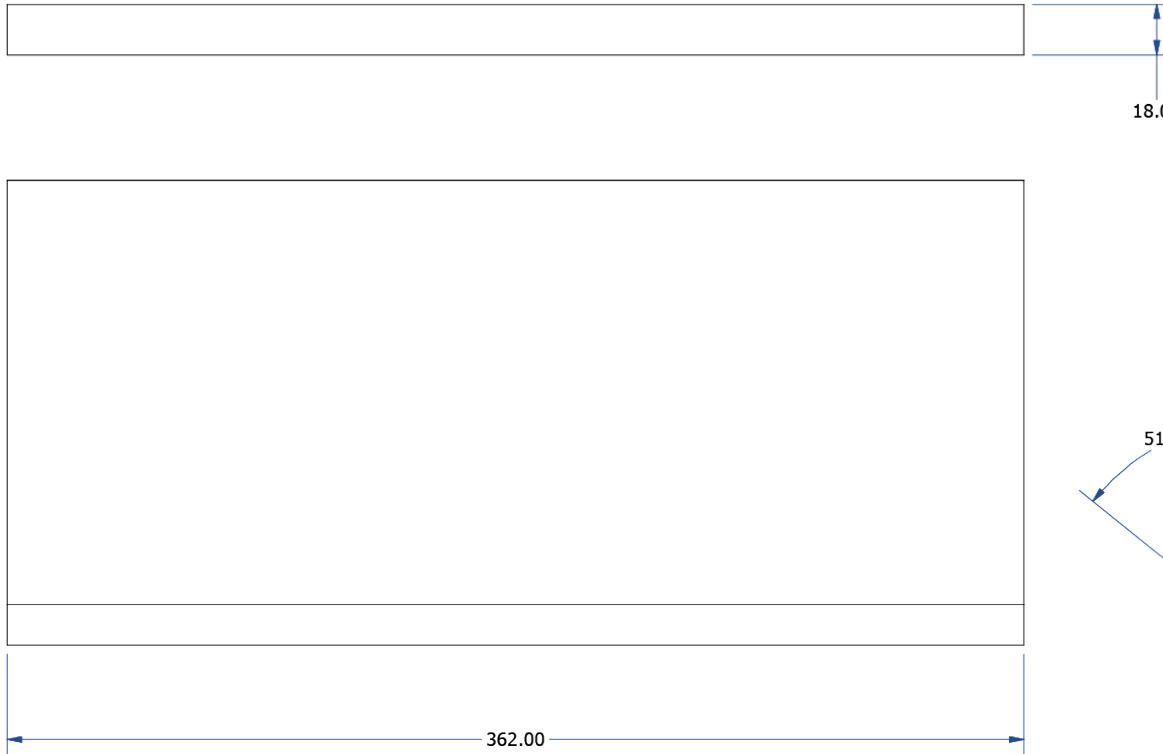
# Panel 7

Drawing units: Millimetres



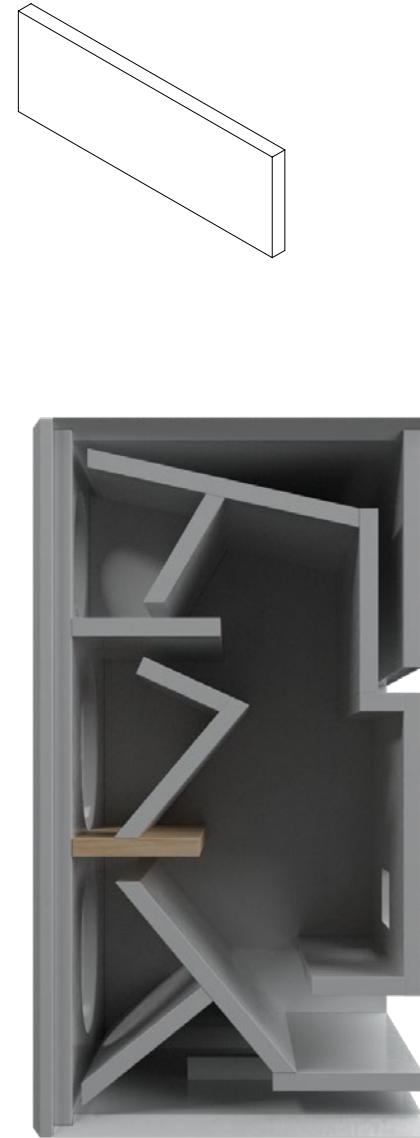
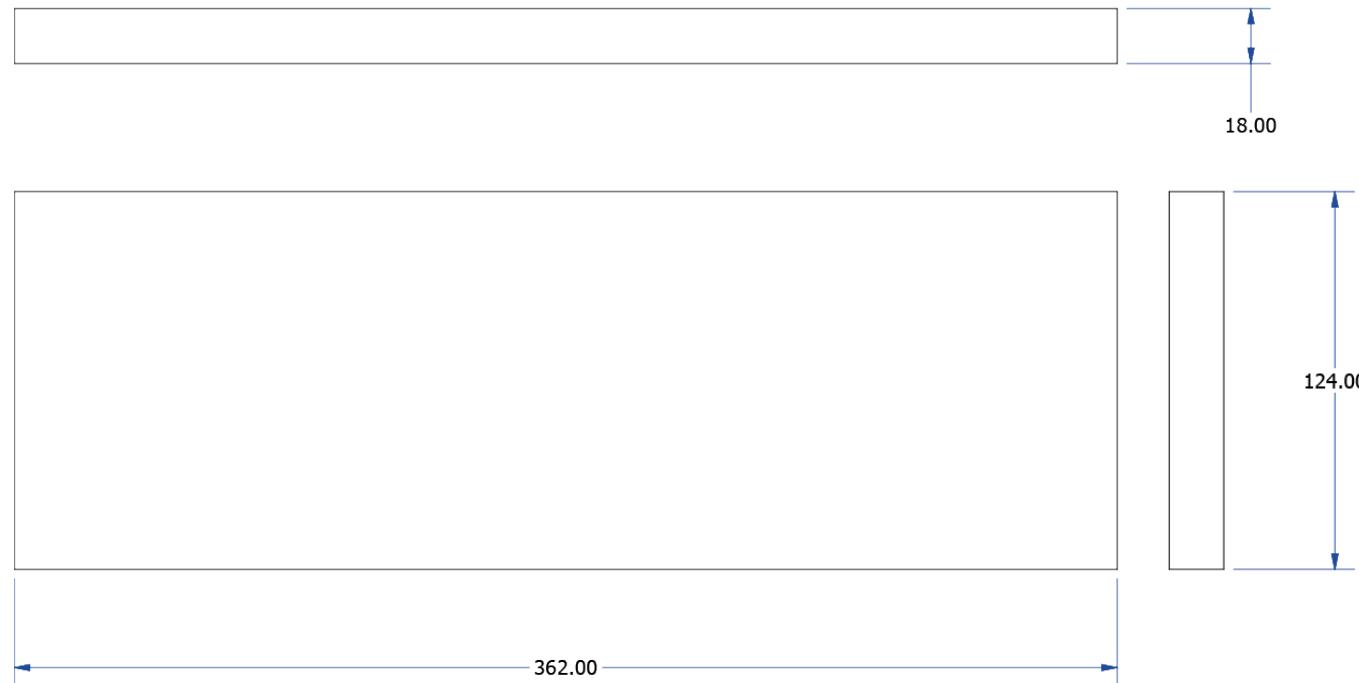
# Panel 8

Drawing units: Millimetres



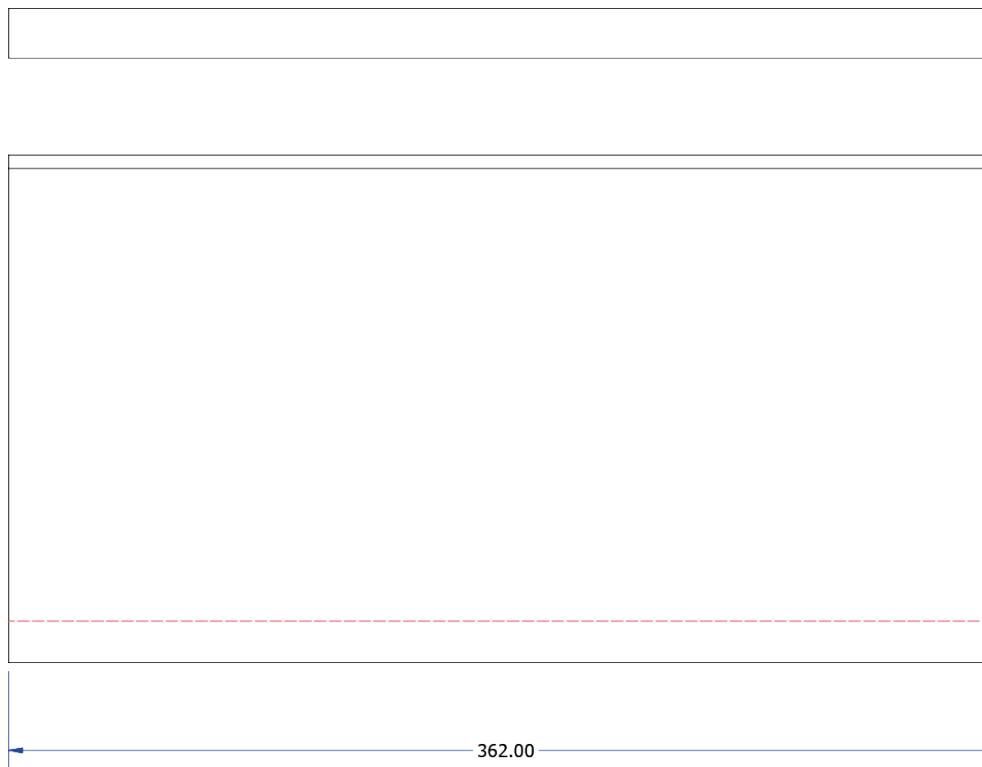
# Panel 9

Drawing units: Millimetres

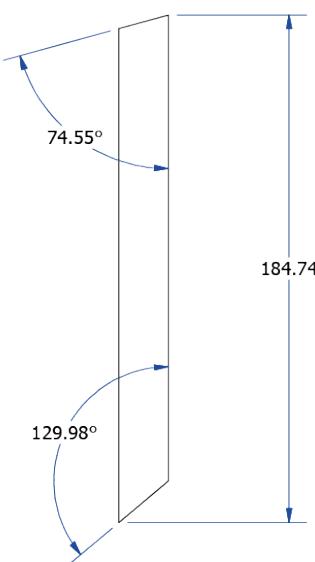


# Panel 10

Drawing units: Millimetres



18.00



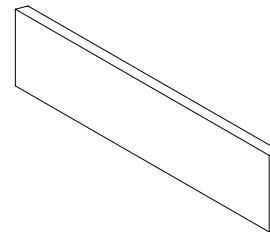
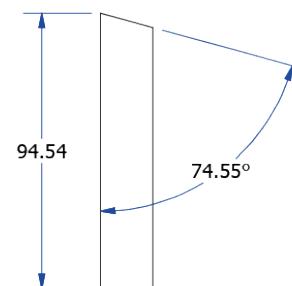
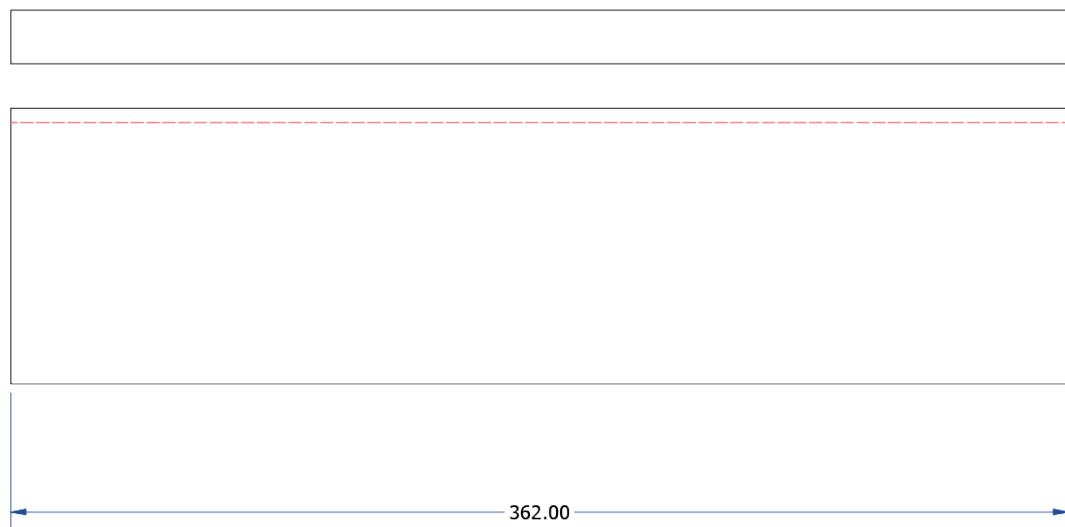
129.98°

74.55°



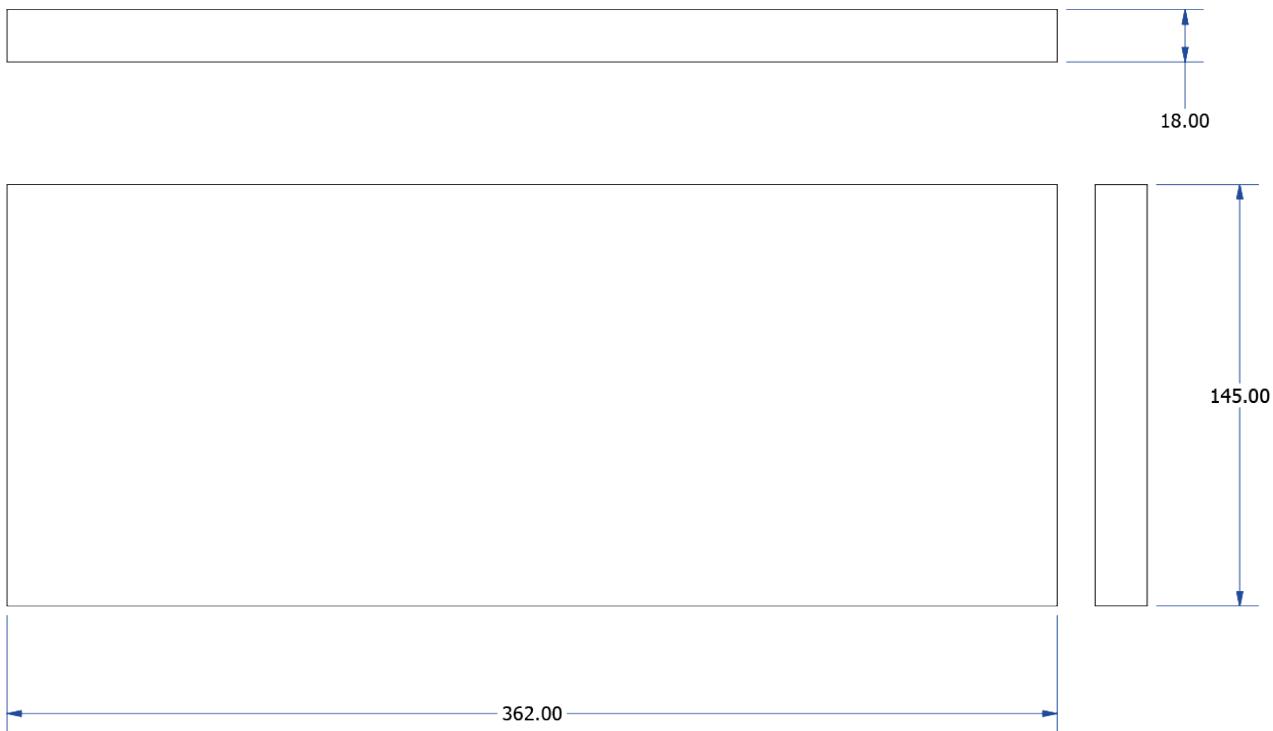
# Panel 11

Drawing units: Millimetres



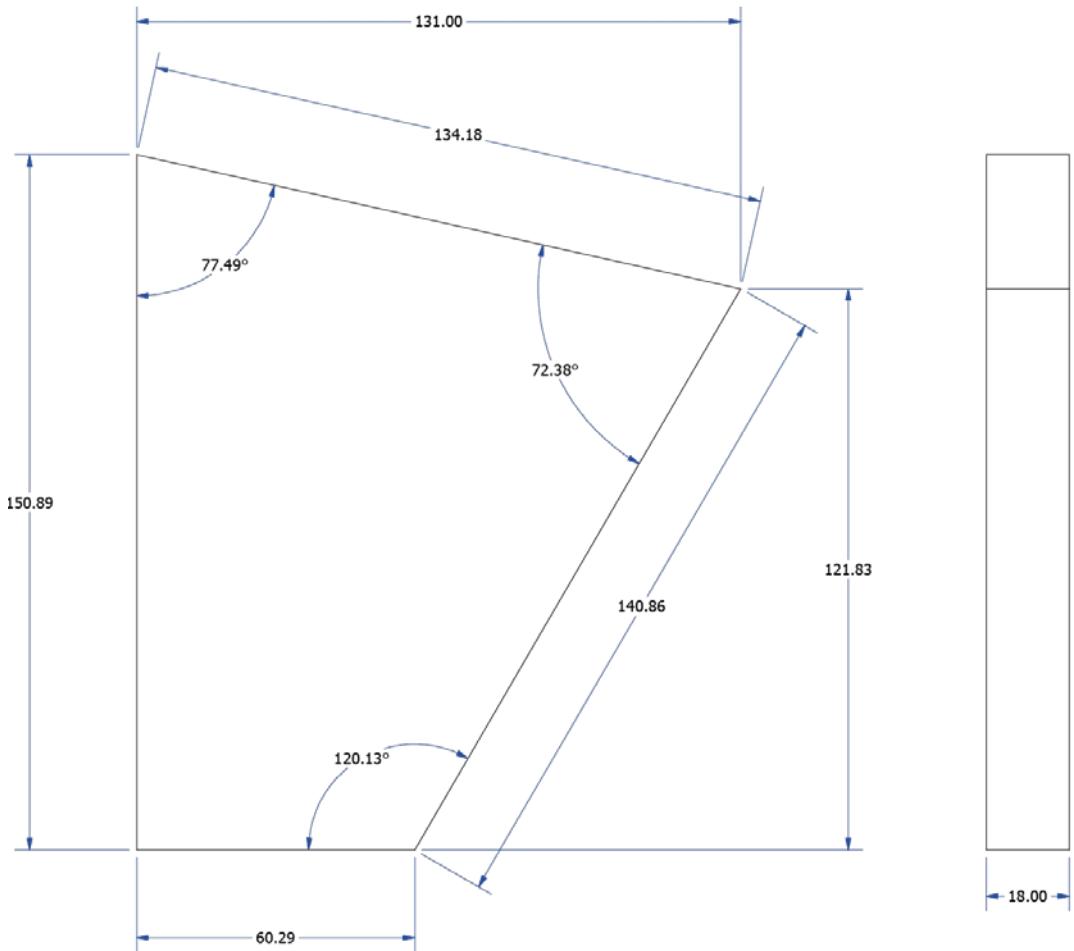
# Panel 12

Drawing units: Millimetres



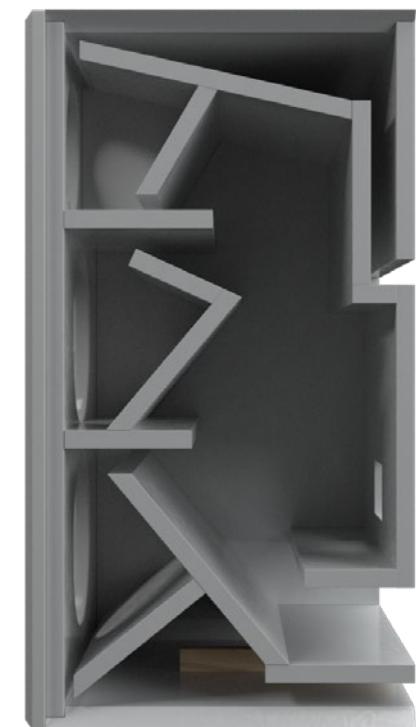
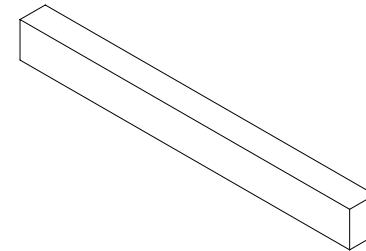
# Panel 13

Drawing units: Millimetres



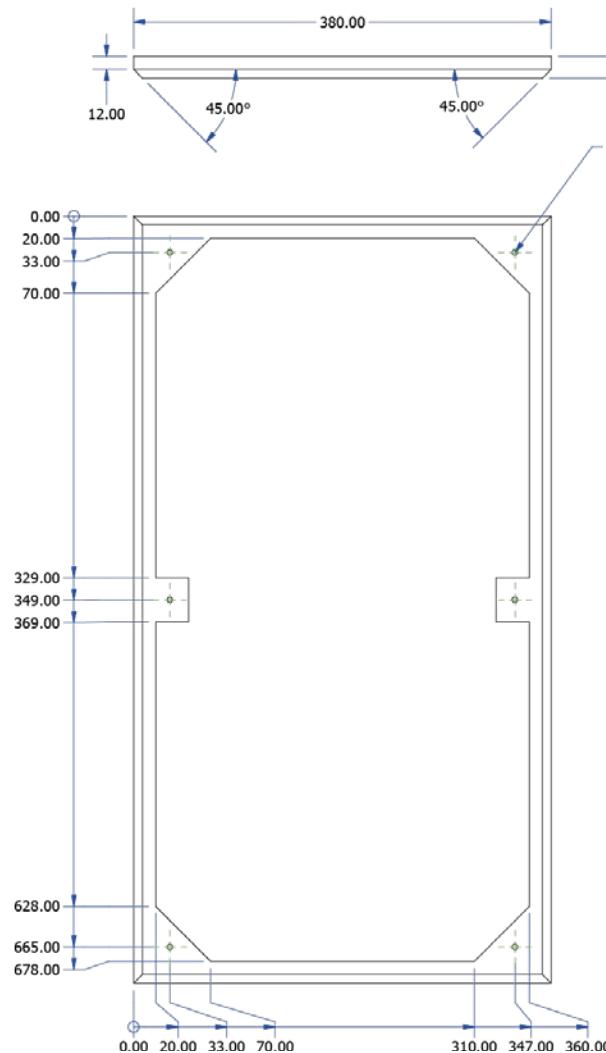
# Panel 14

Drawing units: Millimetres

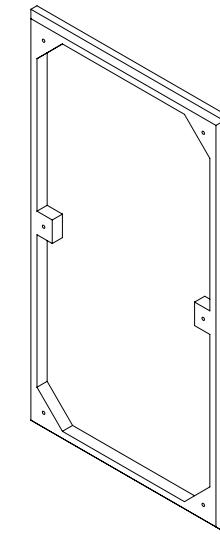


# Grill Panel

Drawing units: Millimetres



This panel to be covered with an acoustically transparent cloth.





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