

MegaPoints Controllers

Mimic panel enclosure assembly guide for screw on replaceable mimic panels.

Applicable to all sizes of enclosure.

Follow this guide for assembly in the sequence shown. Assembly should be complete within 20 minutes plus adequate glue drying time.

Additional materials required:

- PVA Glue

- 1mm Drill bit and drill

- Tape or band to hold the sides together

- 2mm Allen key

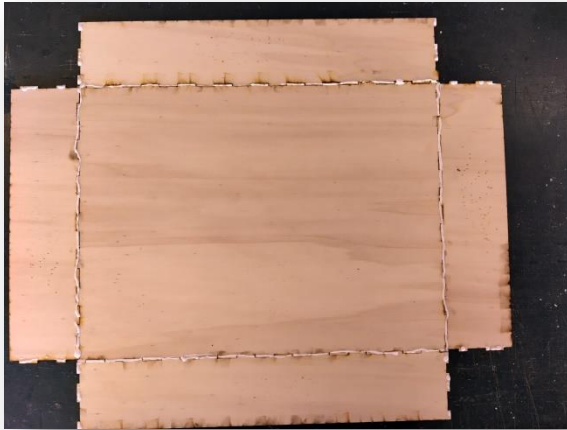
The images below show the completed enclosure.



The enclosure comprises five outer pieces, the base and four sides and four inside lips that support the mimic panel backing MDF. Four corner pieces are also installed to accept the corner screws that will lock down the mimic panel as shown below.



Begin by arranging the five outer pieces with the logos face down on a flat building surface and applying PVA glue to the tabs.



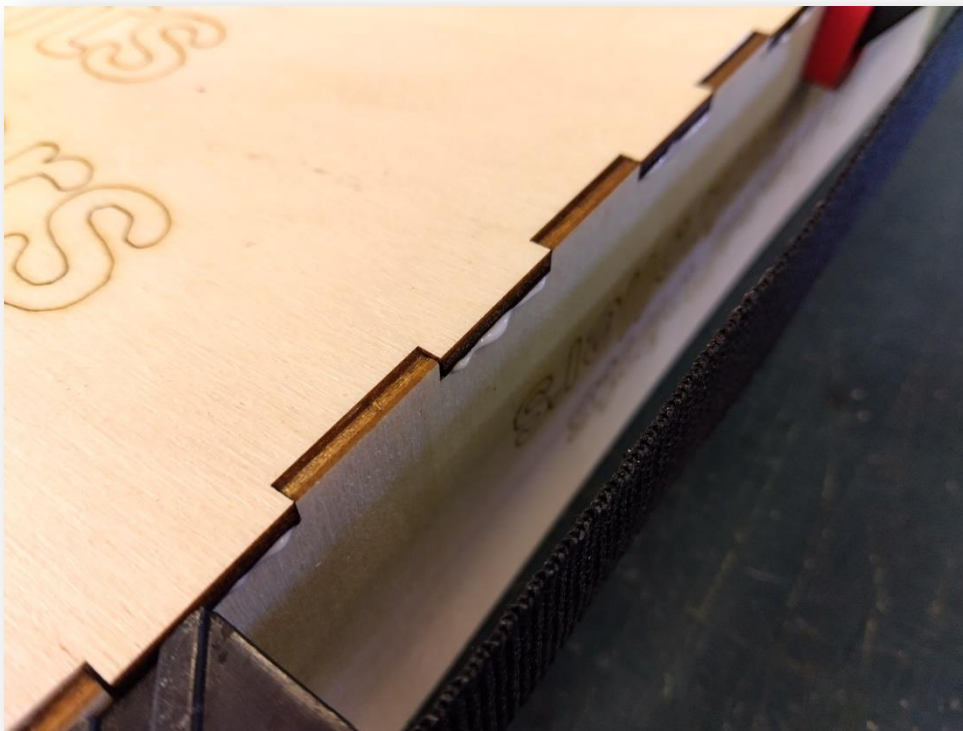
Bring the four sides up to mate with each other. Ensure there are no gaps.



Use tape or webbing to lightly clamp the base of the sides together while the glue dries.



Turn the enclosure over and check the base is correctly seated against the sides. It may help to gently weight down the base.

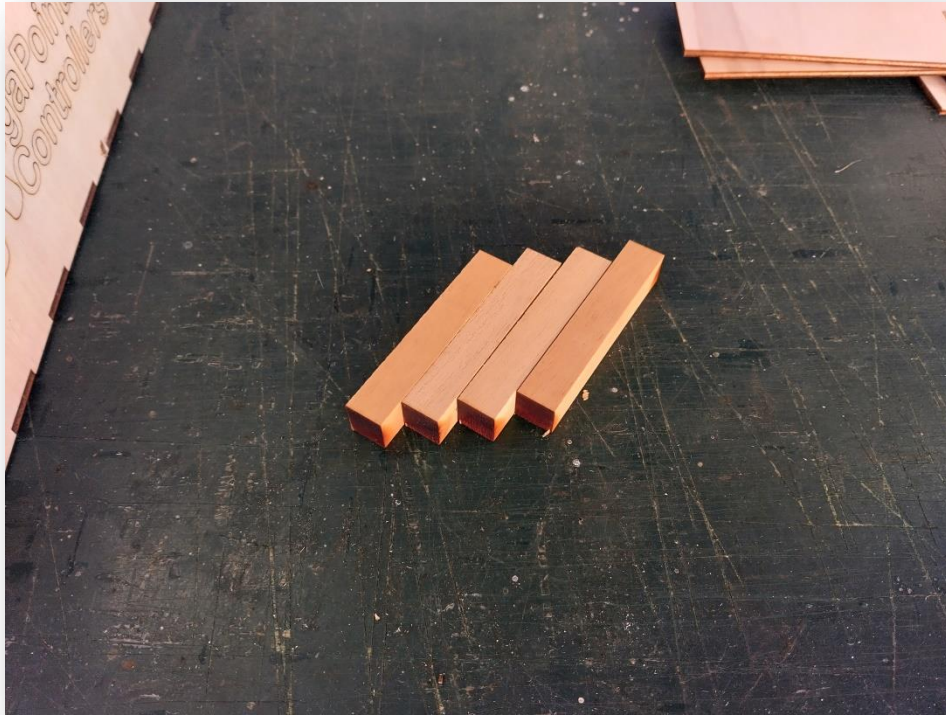




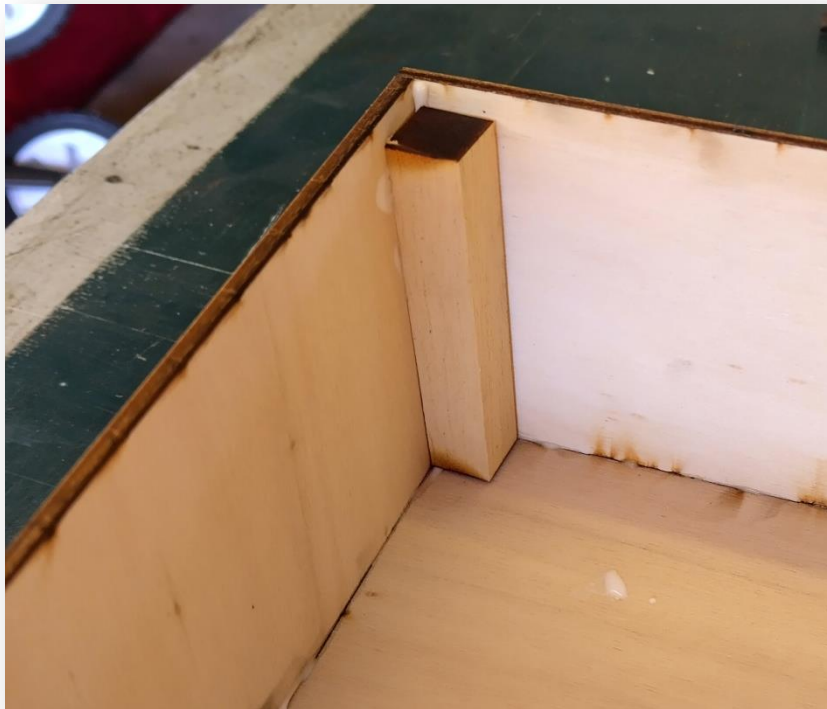
When the glue has dried the enclosure will look like the photo below.



Locate the four square shaped standoffs (below) for the corners.



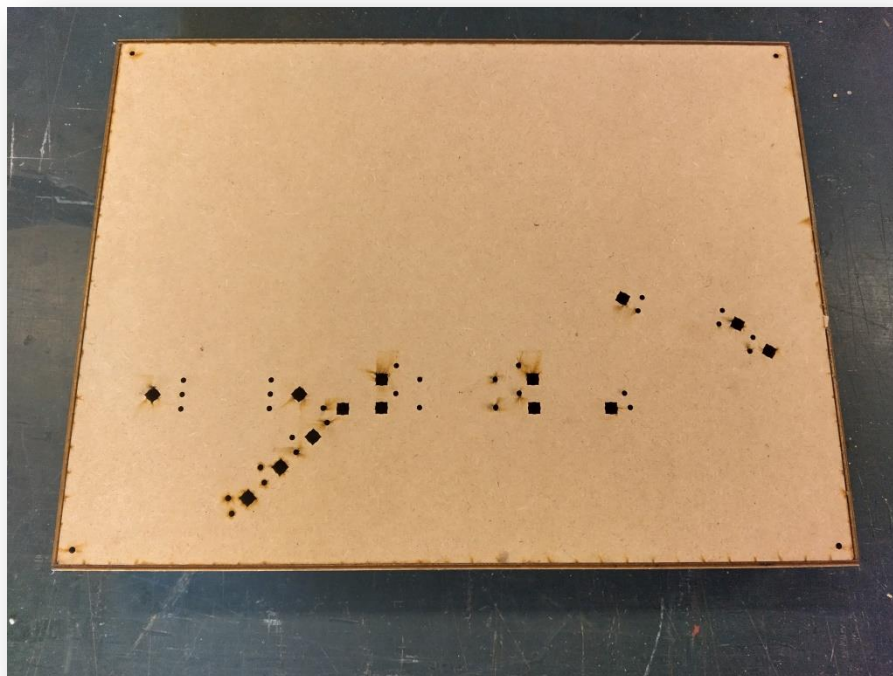
Glue one into each corner ensuring the bottom is pressed against the bottom of the enclosure as this sets the height of the mimic panel.



Attach the four inner lips, again making sure the bottom surface is against the base. The tops of the four square corners and the lips should all line up 5mm below the top of the enclosure.



Now place the mimic panel MDF backing on top of the enclosure. Any button markings or text should go inside the enclosure so they are not visible from the outside.



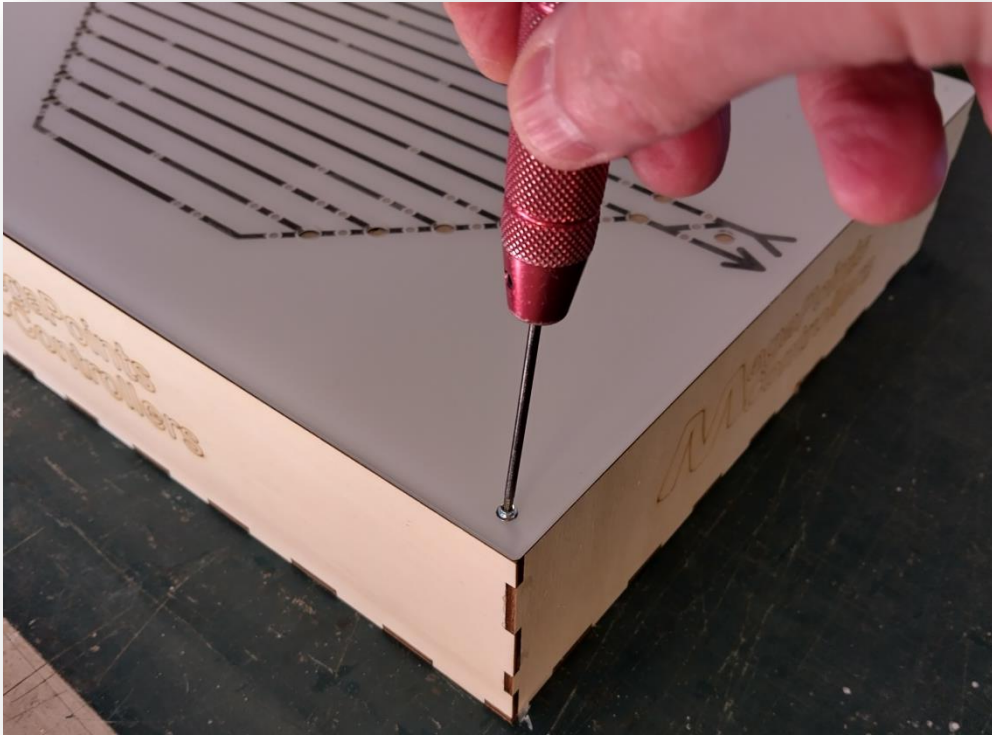
The backing will be a tight fit and should be flush with the top of the enclosure so that it sits on the inside lips. It may be necessary to lever gently the outside enclosure walls with a knife whilst sliding the MDF backing in.



Using a 1mm drill bit drill four holes in the corners of the MDF panel backing. The MDF panel has four holes already cut, place the drill bit in the centre of these holes and drill into the square block beneath. These holes are to hold down the face of the mimic panel.

Align your mimic panel face on top of the MDF and line up the four corner holes. Use the 14mm hex screws to secure the mimic panel face. Do not overtighten. Use a 2mm Allen key to tighten.





As a last step, decide where you would like your cables to exit the enclosure and drill a suitable hole.