MegaPoints Controllers

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A3 enclosure assembly instructions

You will require:

- Large elastic bands or clamps
- Wood glue
- Medium or thick super glue
- Flat working area
- Trimming knife
- Patience

This enclosure comprises a top and bottom half.

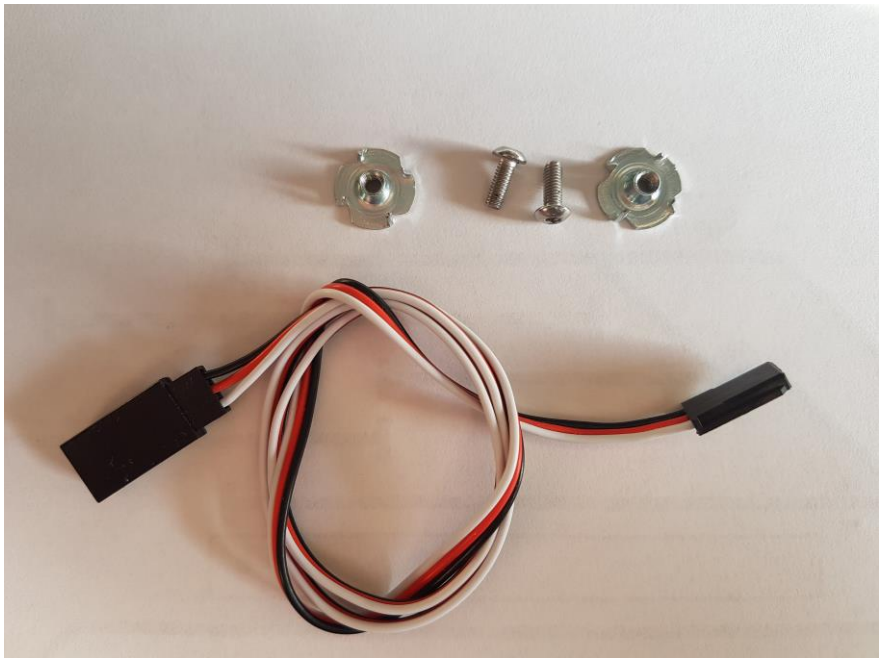
Before gluing, test fit all parts ☺

It may be necessary to trim the odd edge to ensure a snug fit. Don’t force anything.

The plastic facia (the painted panel) My have a protective covering applied. This should be removed prior to final fitting of the fascia to the lip on the top panel half.

In addition to the wood you will also find:

- 2 x M3 screws
- 2 x M3 captive nuts
- 1 x Network cable



Bottom shell

Layout the five components comprising the bottom half.

Match the B markings.

The front panel has our logo and no B markings.

Turn the front panel over so the logo is facing down and apply wood glue to all facings. Don’t forget the corners of the edge pieces.

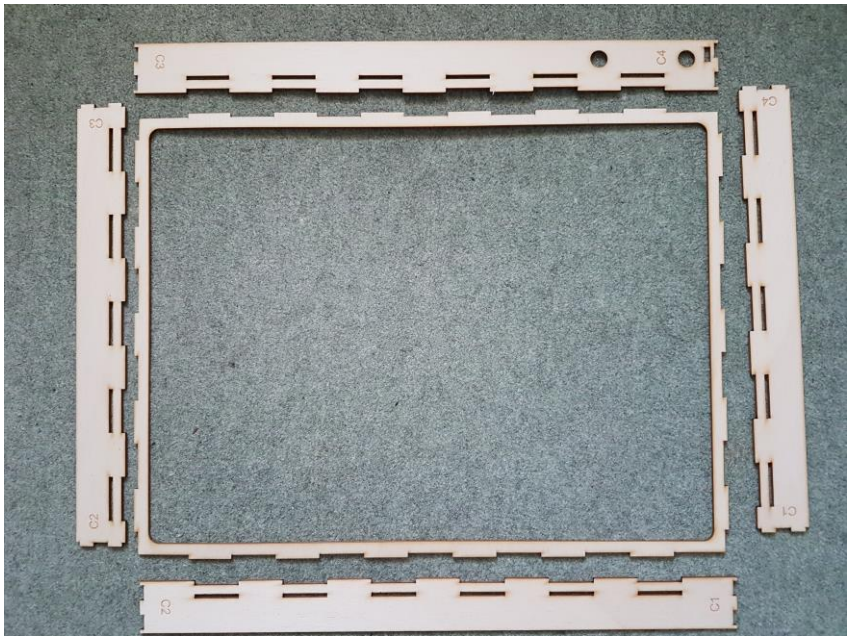
Use the elastic bands to secure the edges. Ensure all corners are fully interlocked and straight.

Lay the box section upside down on a flat surface to dry.

Top Shell

Lay out the components for the upper box. Ensure all the “C” markings are next to each other.

Take care with the inner lip as it is fragile until fixed.

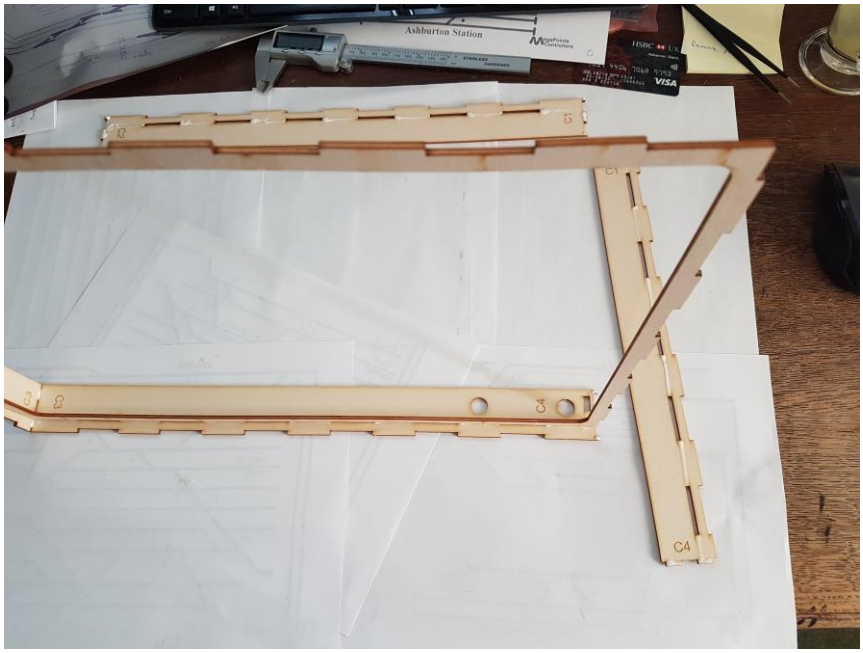


Apply glue to all corner and all inner lip joints.

DO NOT apply glue to the edge lip joints on side pieces. See diagram below for detail.

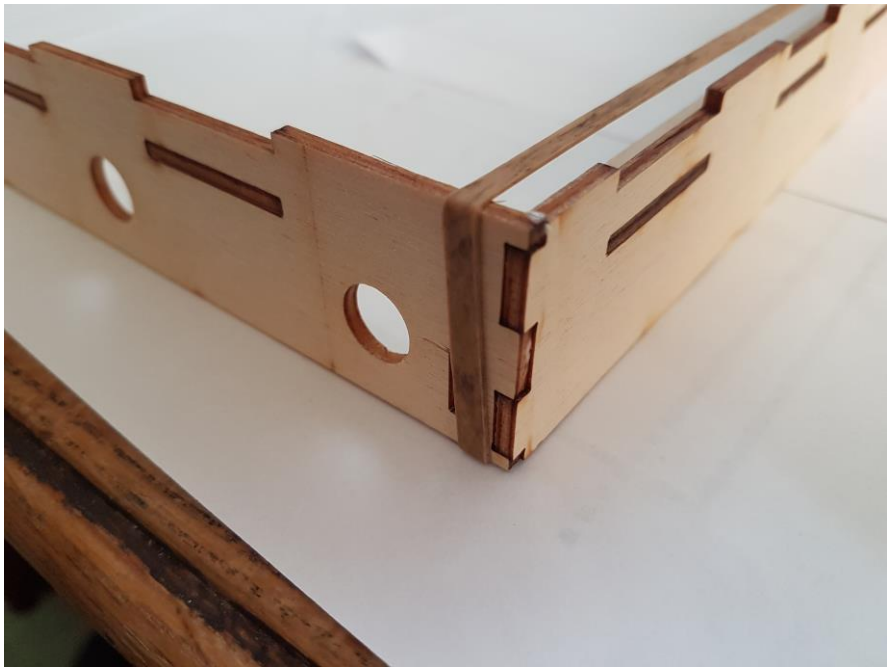
C4
C4

Work the lip into each edge piece carefully. Do not force any parts as this may break the component.



When complete, secure with elastic bands.

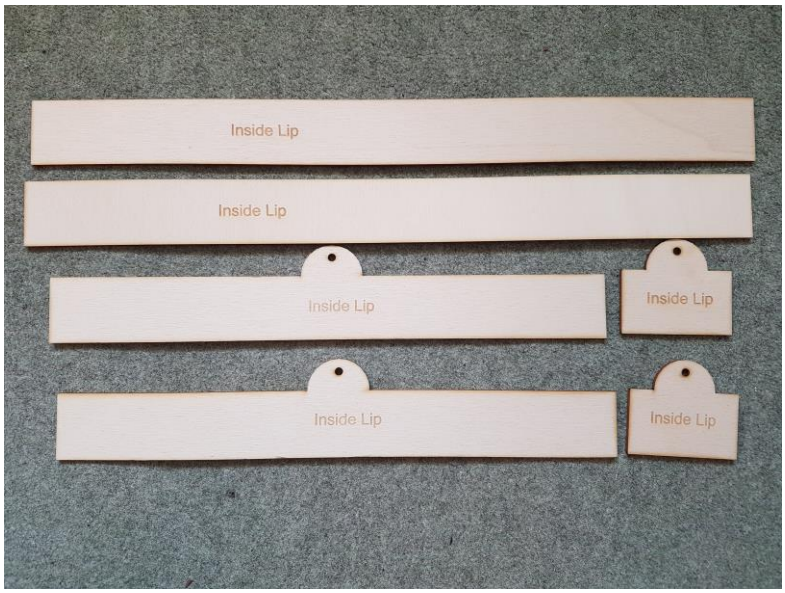
Check all joints are aligned and fully positioned.



Lay on a flat surface to dry.

Inside lip (lower shell)

Locate the six components that make up the lower shell lip.



Attach the captive nuts to the smaller inside lips and press fit until fully installed.

Apply glue to the shorter sides and captive nut pieces.

Glue up to the inside of the lower shell.

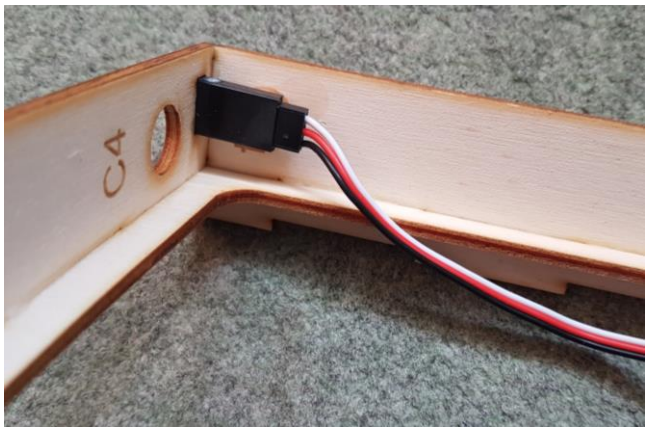
Attach the captive nut pieces to the sides ensuring the holes line up.

Detail showing the captive nut piece attached to side lip.

Use bands and check all corners are correctly located.

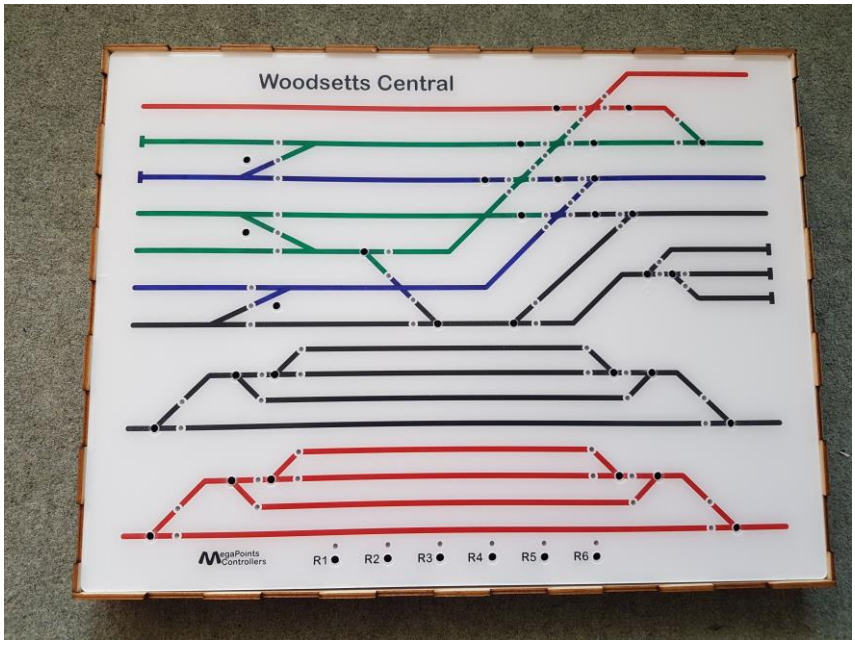
Attach network socket to rear hole in upper shell using a medium or thick super glue.

Network port



When the above shell is dry, lay out the fascia and backing MDF on top of the panel so that it rests on the inner lip.

Panel and fascia



Check all edges to ensure it lies fully recessed and flat. Check the MDF backing is the right way around and matches the fascia ☺

Carefully attach the top lip to the shell and check for correct fit.

At this stage I would not use glue until it has been carefully checked and wired. When ready to attach the lip use wood glue sparingly.

Attach M3 screws, check alignment and the assembly is complete.