



G1000 v2.3 Panel Mounted Assembly Instructions

Hardware Needed

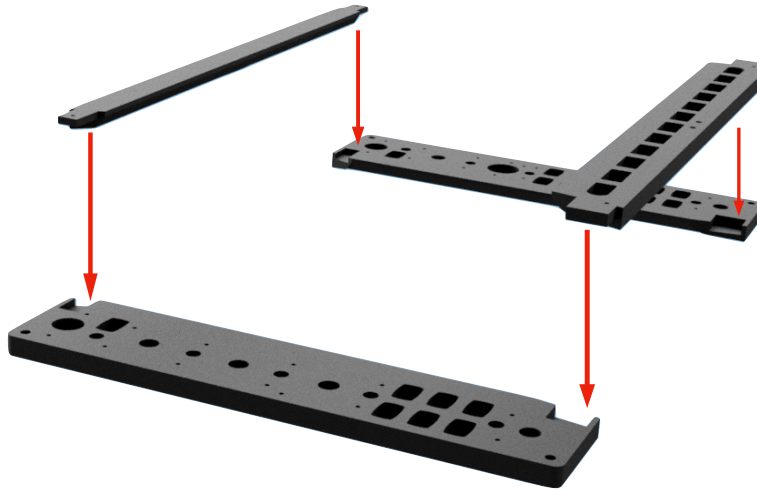
- 4 - 3mm Nylon Lock Nut**
- 4 - M3 Allen Head Bolt (25mm minimum)**
- 24 - M2 x 15mm Round Head Screw**
- 16 - M2 x 5mm Round Head Screw**

Tools and Supplies Needed

- Pliers**
- Screw driver**
- Cutting Tools**
- Soldering Tool and Supplies**
- Sanding and Painting Tools and supplies**
- A very understanding Partner**
- And anything else you think you need...**

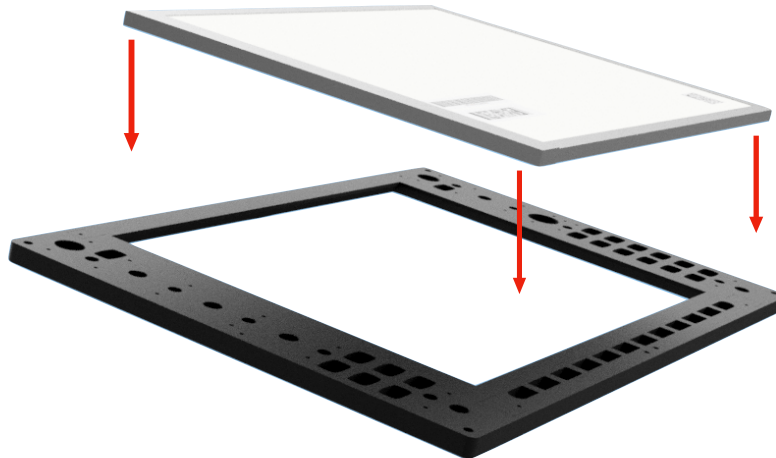
1

Assemble the front faceplate by glueing each piece together. Place glue in each of the four tabs.



2

Lay the LCD screen face down and align with the opening in the front faceplate.



3



Attach the top and side LCD brackets with Four M2 x 5mm screws

You will find that there is extra space between the LCD and bracket. This is intentional to allow different size LCD's.

Add shims to ensure a tight fit

You will need:

4 - M2 x 5mm screws

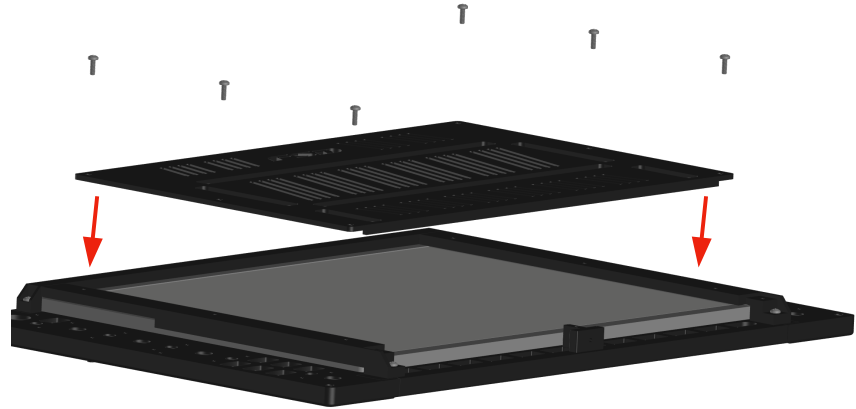


Glue the Bottom PCB holder onto the bottom face plate using locator pins for alignment

4

Install the backplate that will be used for mounting your LCD's various electronic boards. You will need:

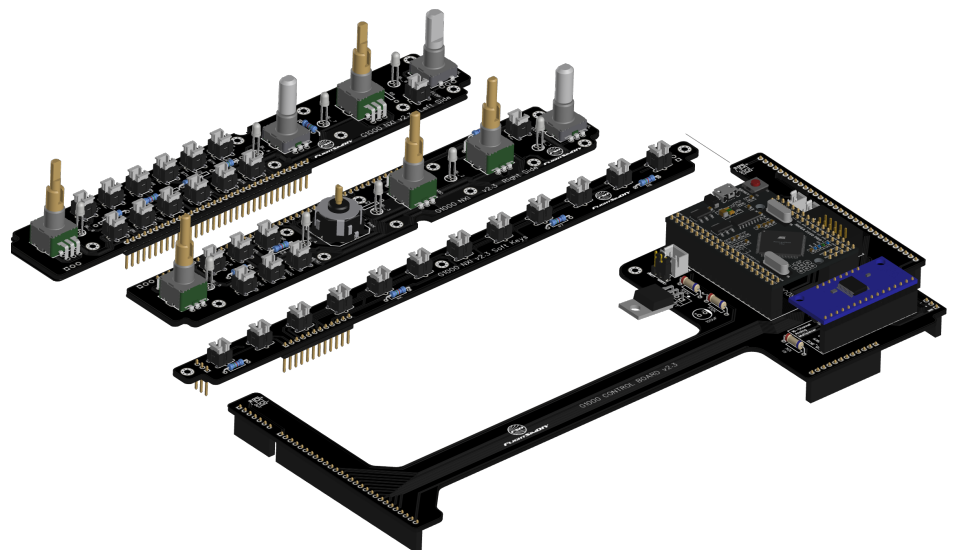
6 - M2 x 5mm screw



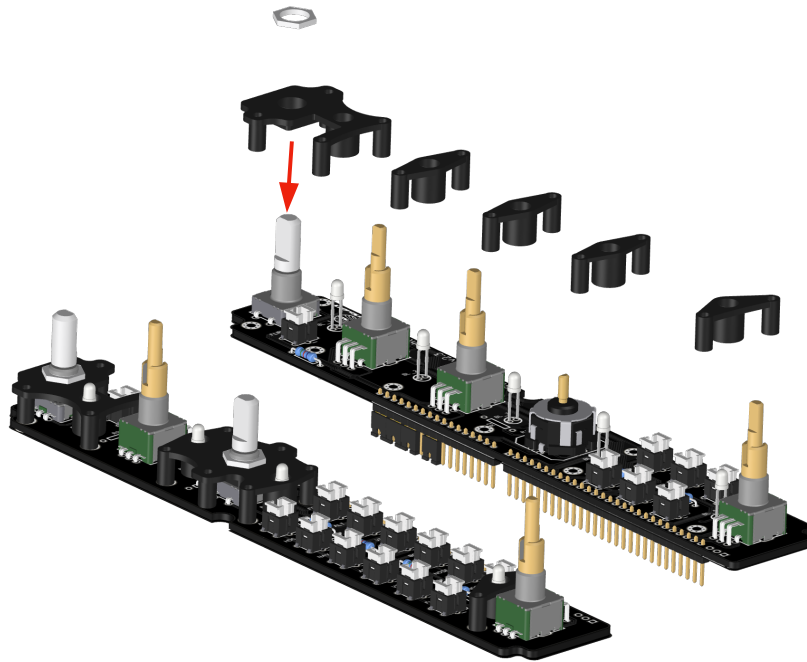
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Assemble the PCB's and solder all connections.

See the PCB Instructions for more information.

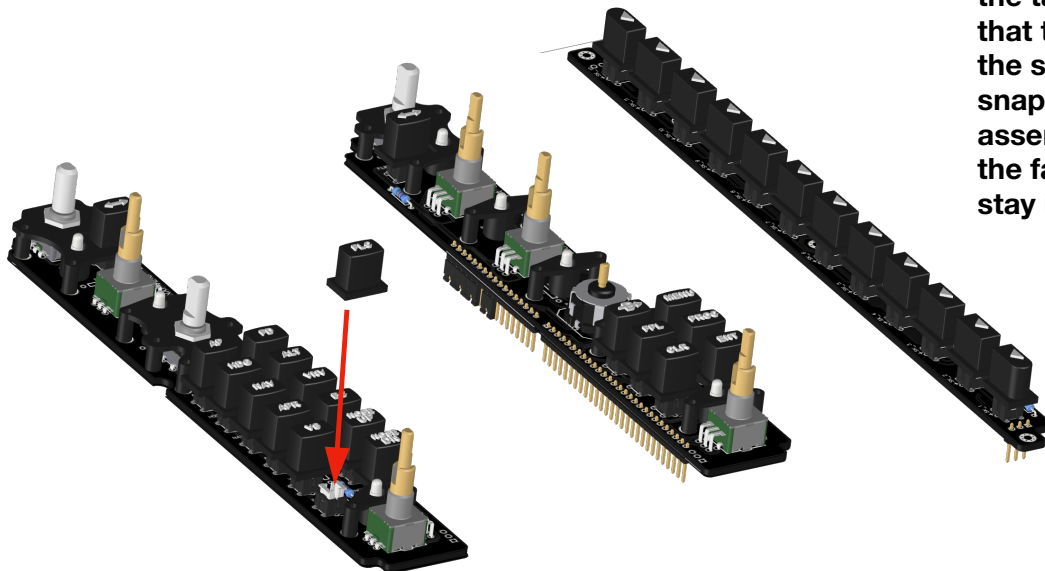


6



Place the right and left PCB holders onto the PCB's as shown.

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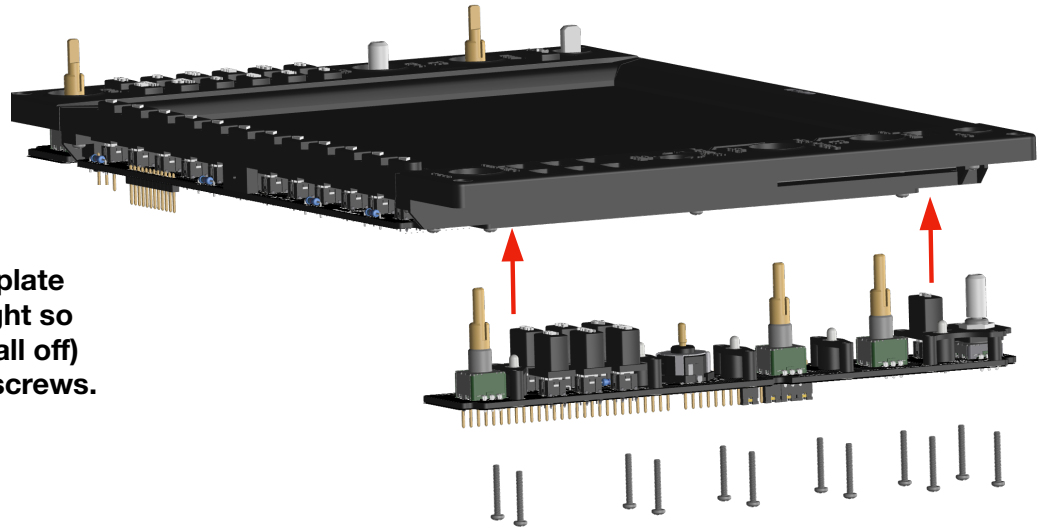
Place the keycaps onto the tactile switches. Note that they just fit on top of the switch without any snap. Once the full assembly is installed into the faceplate they will stay in place

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Insert the completed PCBs into the face plate (keep the PCBs upright so they Keycaps don't fall off) and secure with M2 screws.

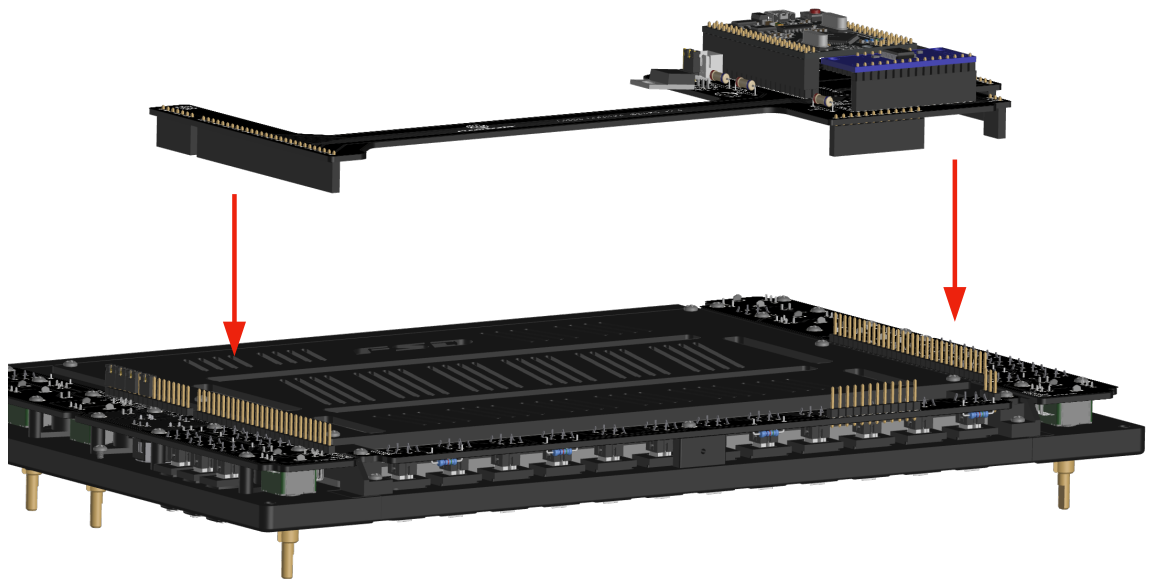
You will need:

- 24 - M2 x 15mm
- 2 - M2 x 5mm



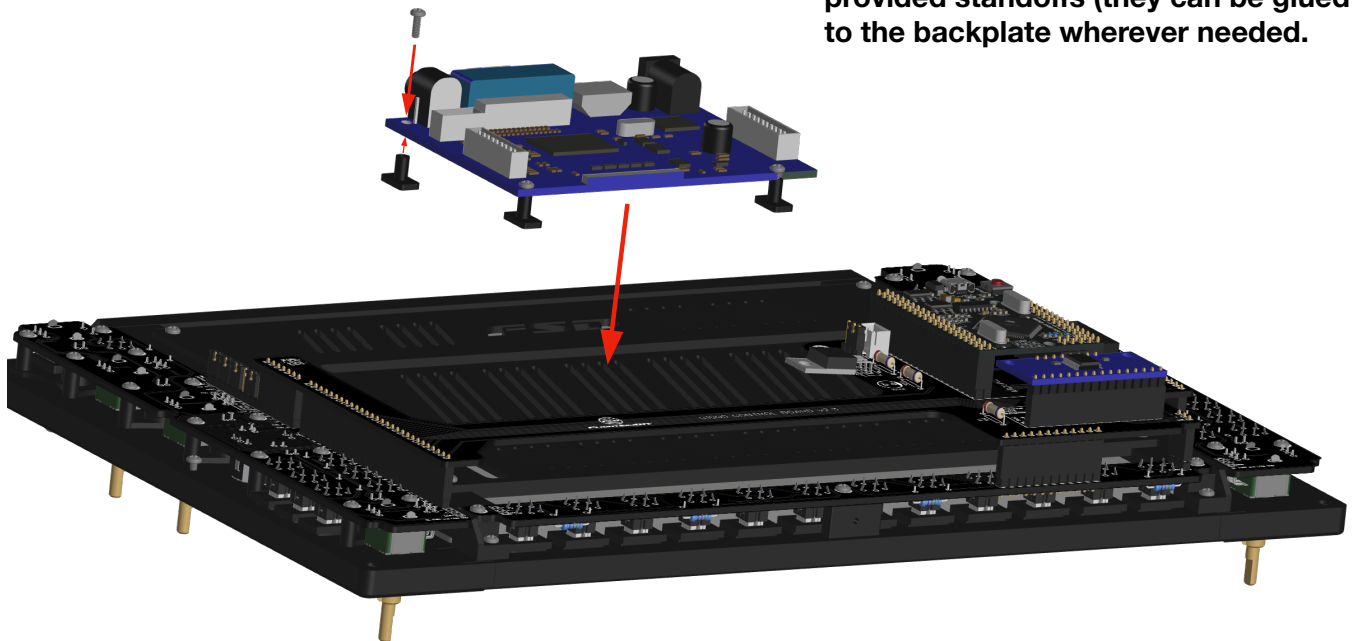
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Install the control board PCB onto the other PCBs



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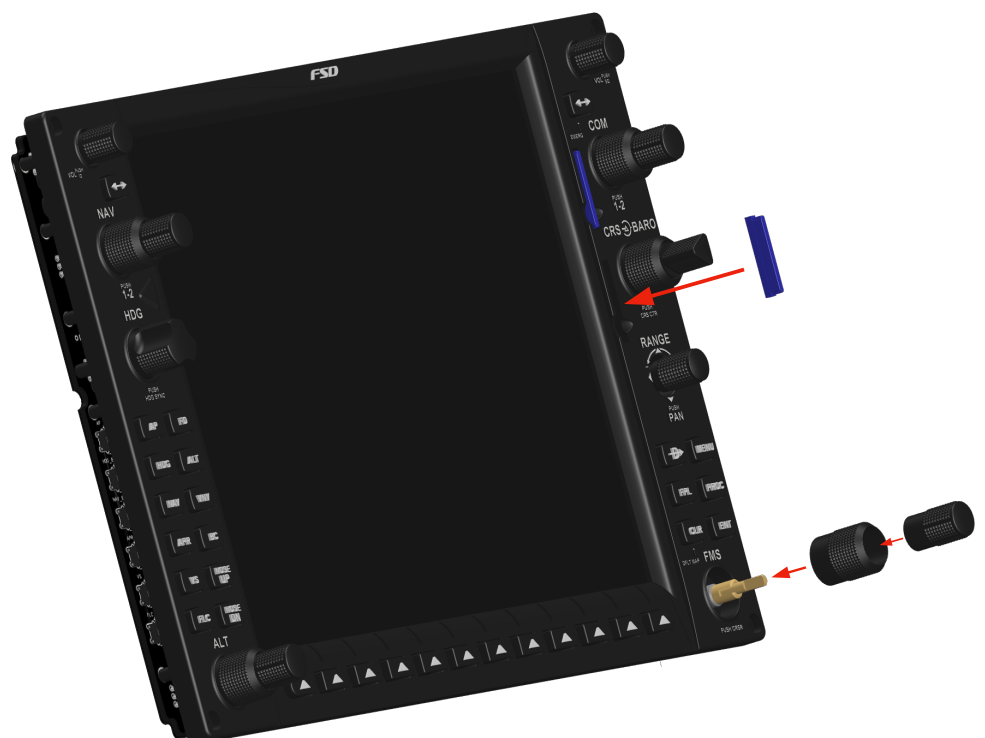
Attach the other LCD controller boards to the rear backplate using the provided standoffs (they can be glued to the backplate wherever needed).



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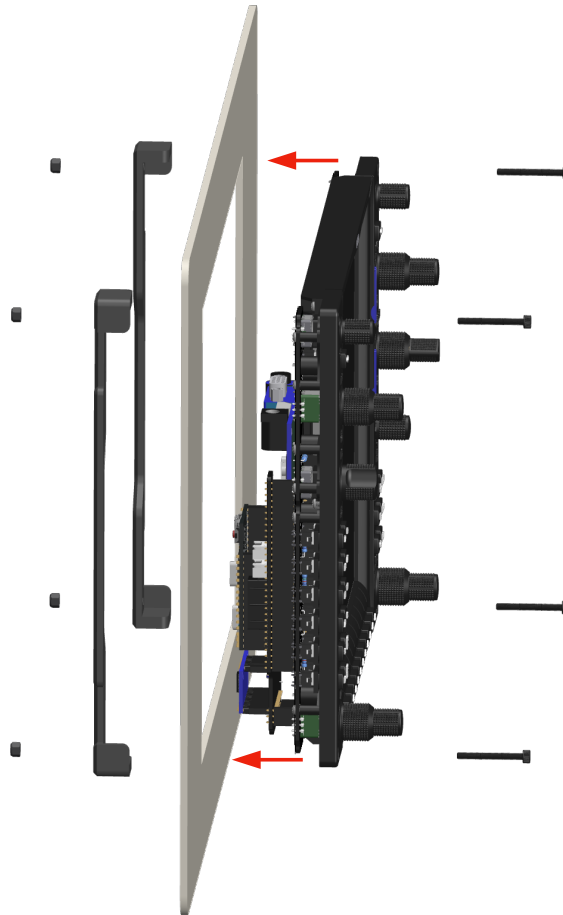
Attach the knobs by pressing them onto the encoder shafts.

You can also glue the dummy SD cards into the SD card slots.



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The complete G1000 unit can now be installed into your simulator instrument panel using some M3 bolts and the 2 panel mounting brackets



Congratulations...

Your FSD G1000 is complete and ready to connect to your Sim.

