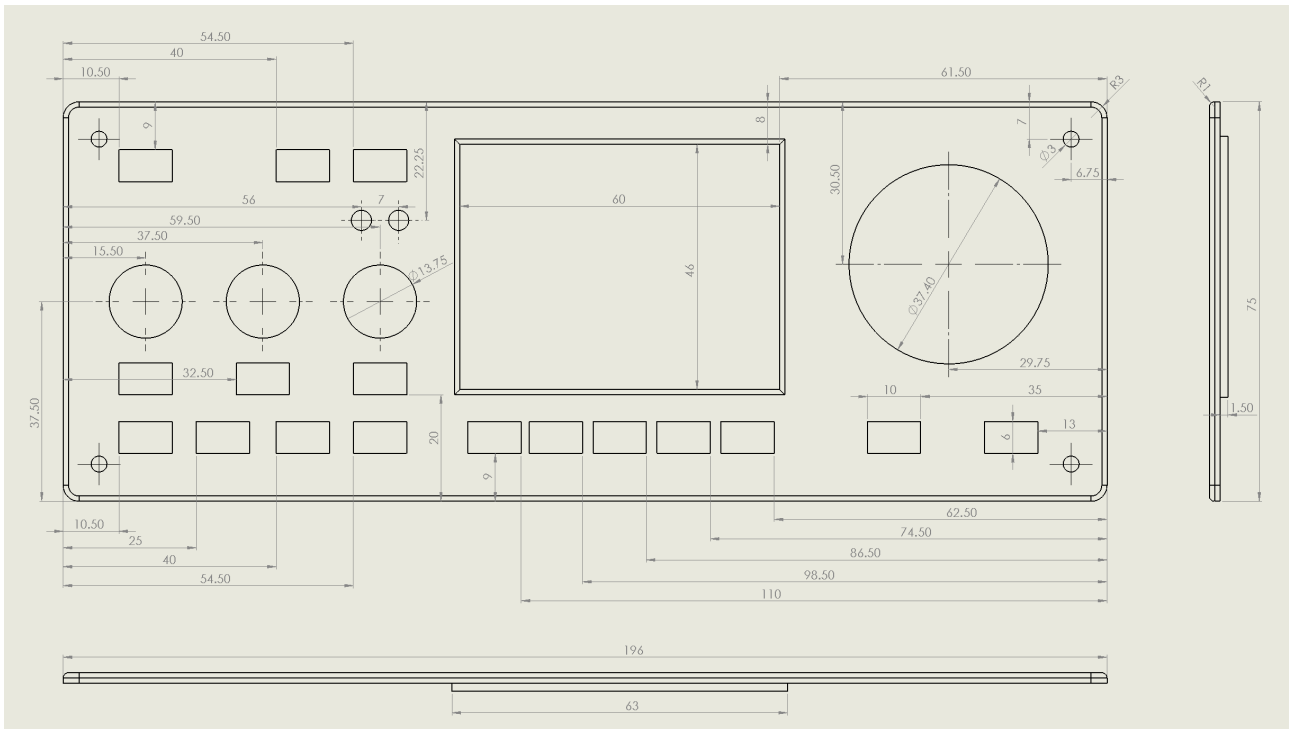
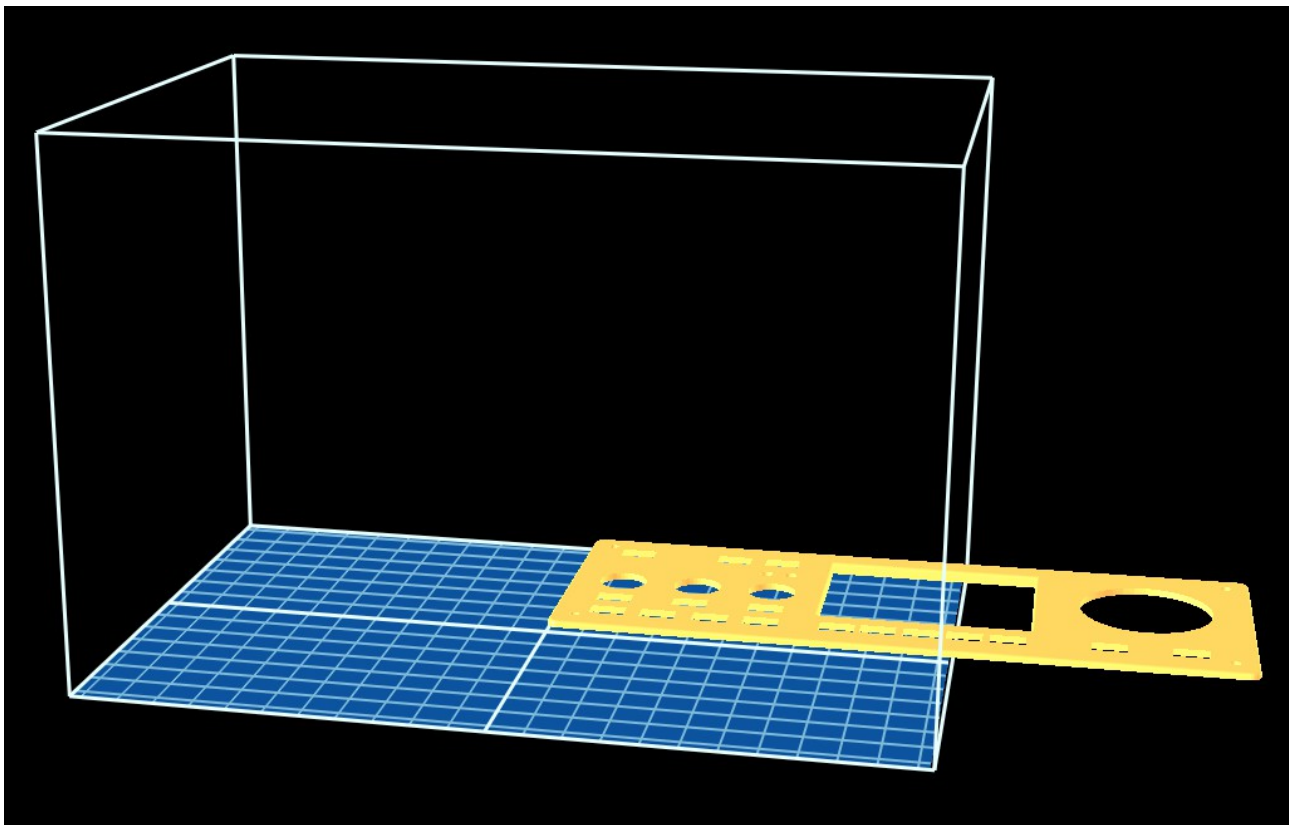


mcHF front panel

The front panel could be machined from Perspex or 3D printed. Machined one with nice scrubbed face looks very nice, but is long process to make it correct. The 3D printed one is much easier to produce and it ok for a start.

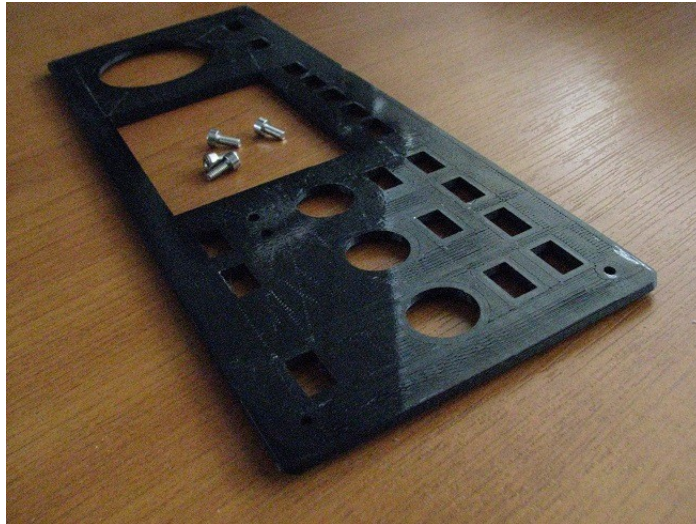


Please make sure you set properly on the bed and rotate 180 deg on the Y axis, so the face on the panel is nice and smooth (squished bed side).

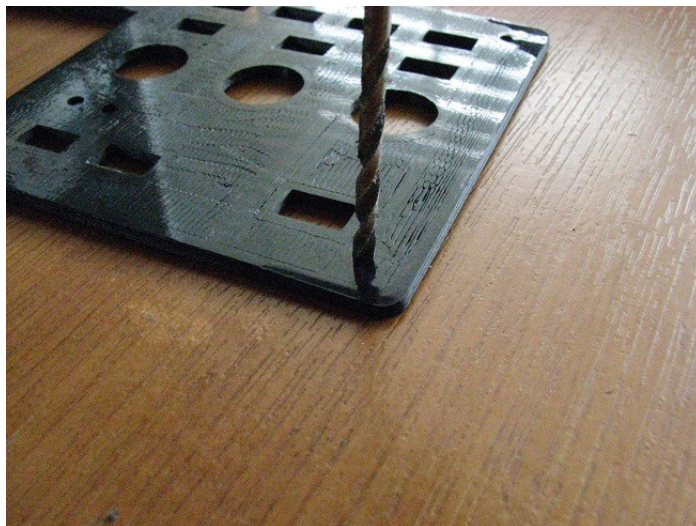


Preparation and Assembly

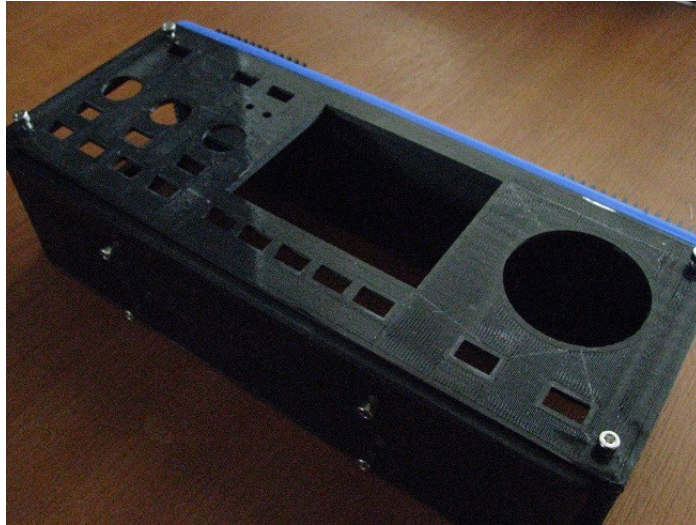
Much more work is needed here. Due to the first layer being 'glued' to the bed, the button and encoder holes will be bit smaller than needed. You will have to probably remove excess plastic, scrape and file each hole by hand.



It is also a good idea to pre-drill the holes with 2.5mm drill bit, so the bolts can fit easily.



The front panel should fit easily onto the front support shell and slide between the top and bottom holders. Use four M2.5x6mm bolts to attach to the support shell.



It is worth noting that if you feel any force is needed to screw the bolts to the end, this probably means that some plastic had entered the knurled inserts. In this case you should drill into them with 2mm drill bit, but carefully, do not use too high RPM on the drill and do not insert more than 4mm into the inserts.

73, Chris
M0NKA