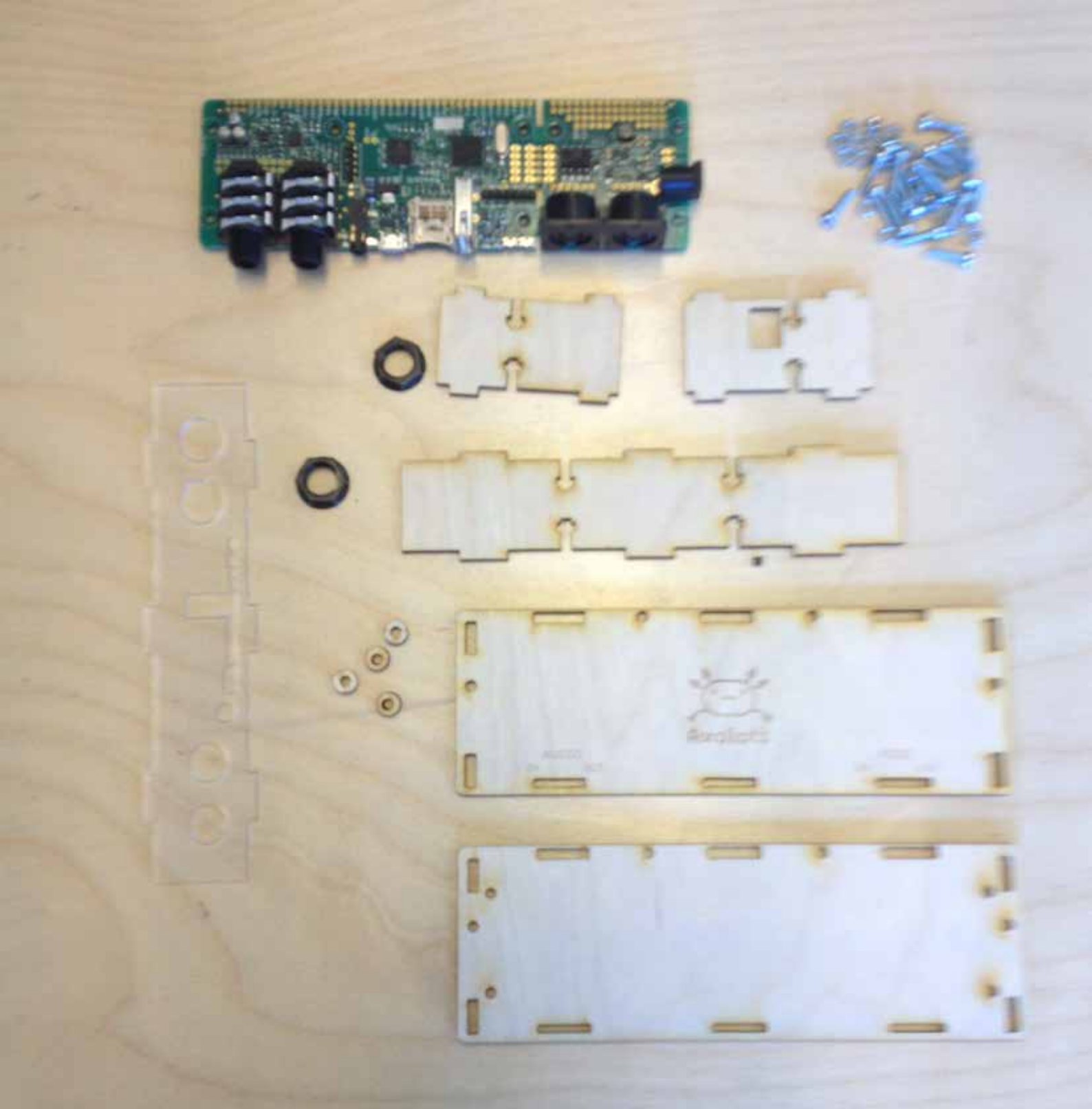




Axoloti Enclosure

Assembly Instructions





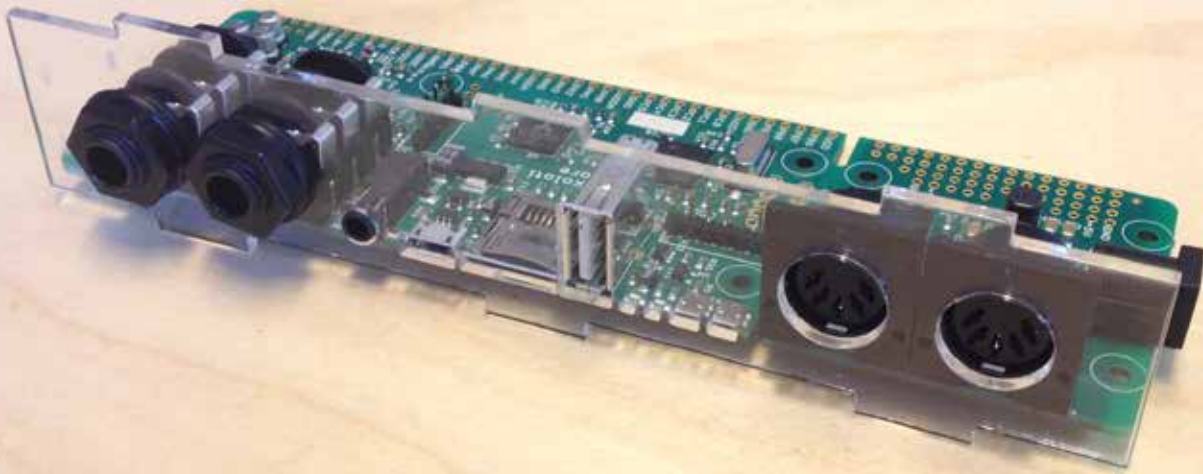
All the parts you need

Go to your local fablab and laser the parts found in the files `axoloti-frontplate-v1.0` and `axoloti-case-v1.0`. The frontplate should be made in material that is 2mm thick, the enclosure plates should be made in material that is 3mm thick. You can use plexiglass, plywood or MDF.

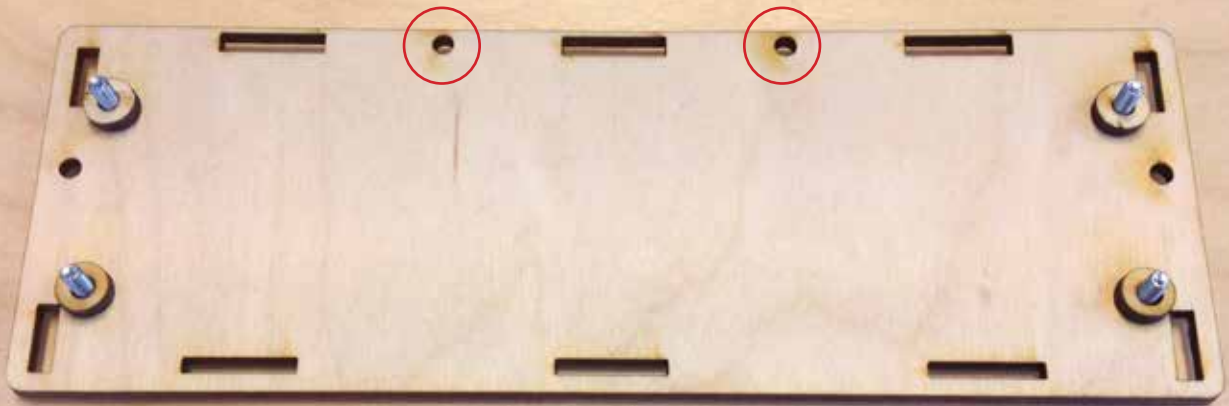
1 x Lasercut frontplate, thickness: 2mm
1 x Lasercut enclosure plates, thickness: 3mm

1 x Axoloti Board

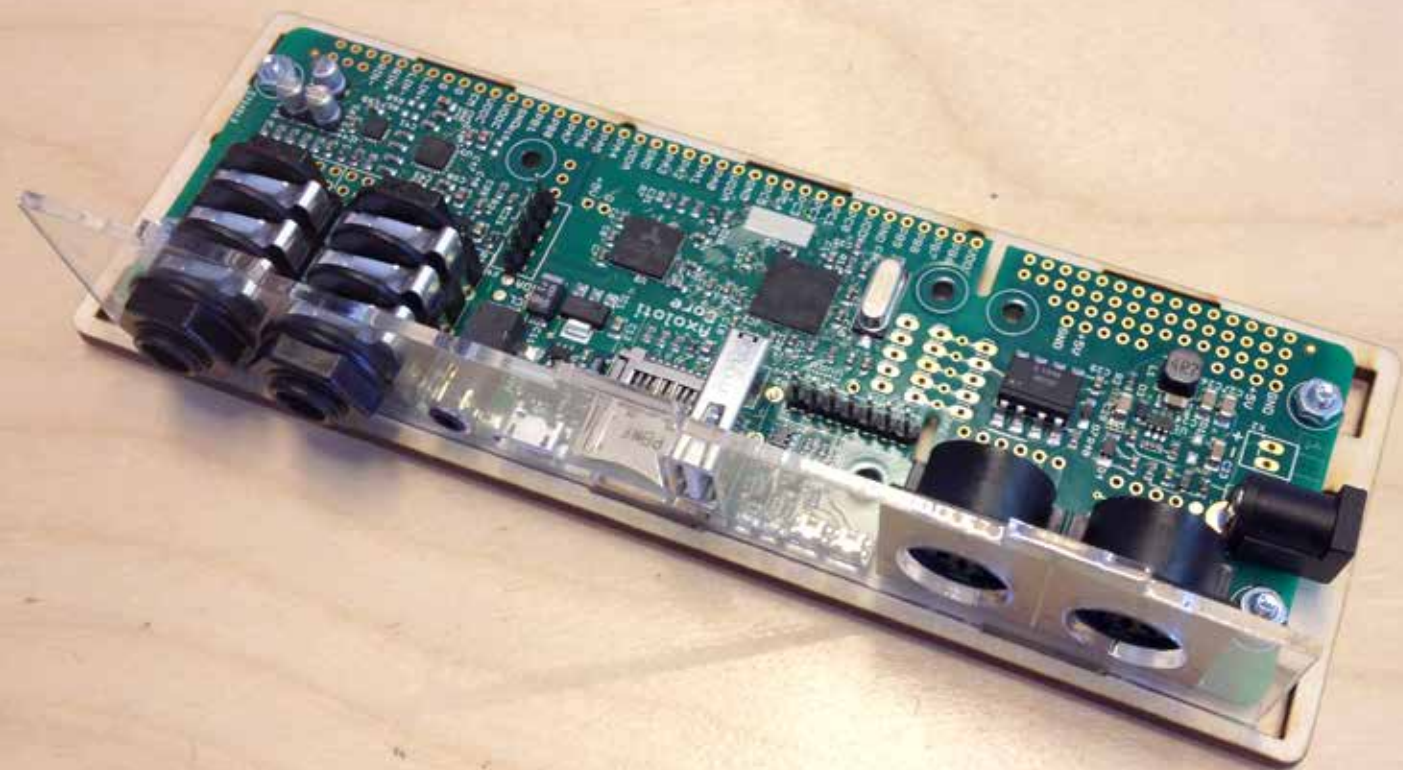
12 x M3 bolts, 12mm long
12 x M3 nuts



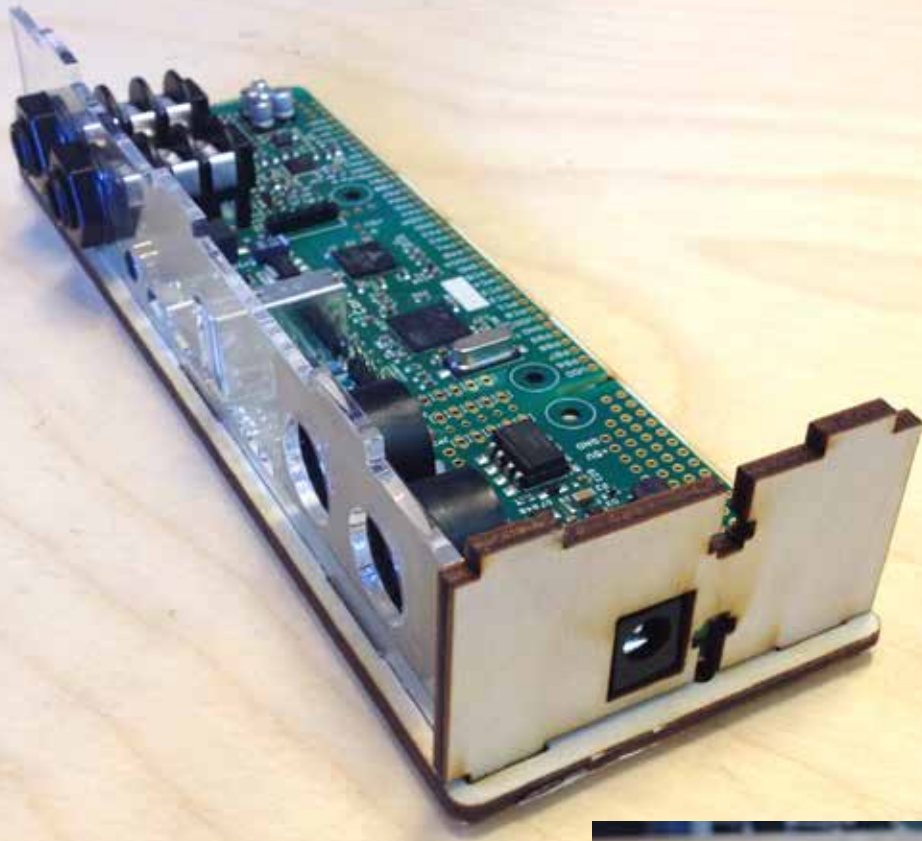
1. Mount the frontplate on your Axoloti board.
2. Screw the plastic nuts on the audio in and audio out.



1. Put the screws through the bottom plate. Make sure the round holes are pointed away from you. These are needed to mount the back plate.
2. Add the spacers.

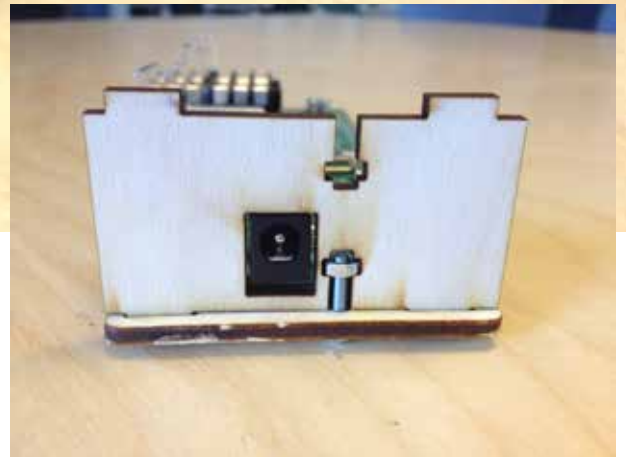


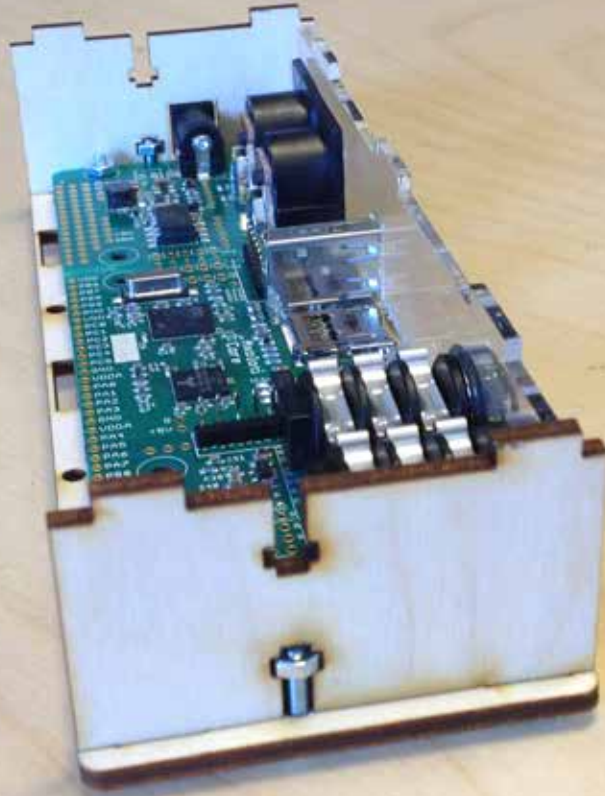
1. Put the Axoloti board on the bottom plate. Make sure the frontplate fits into the slots of the bottom plate.
2. Screw the nuts onto the bolts.



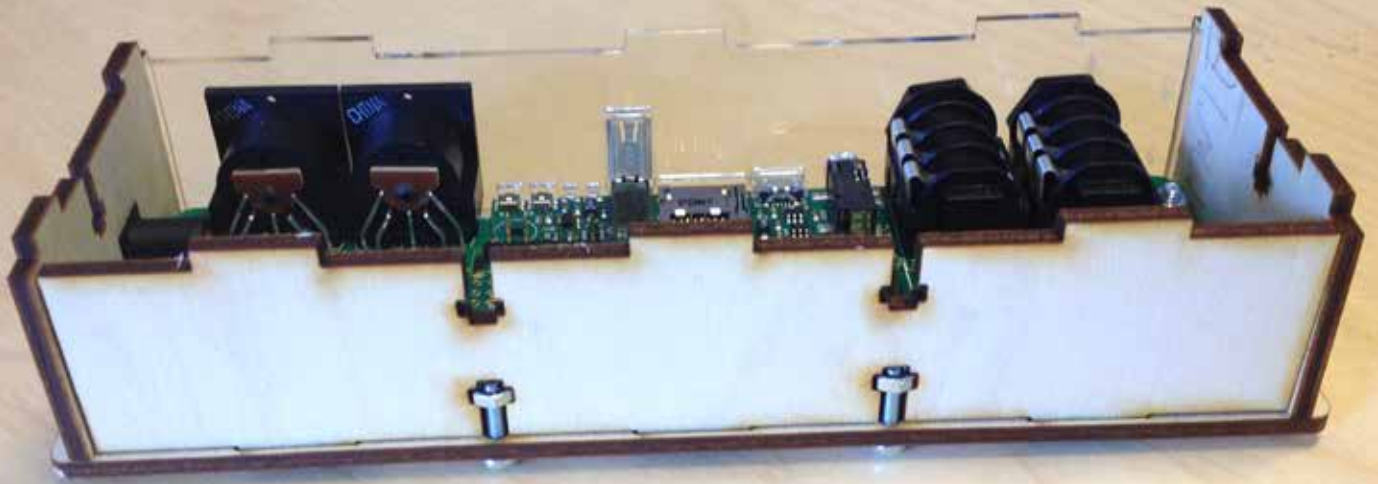
1. Add the side plate.
2. Put a nut into the slot.
3. Add the screw from the bottom and fasten it.

Don't fasten it too hard, you still need to be able to move it a bit so you can attach the top plate.





Attach the other side plate the same way as you did with the first one.



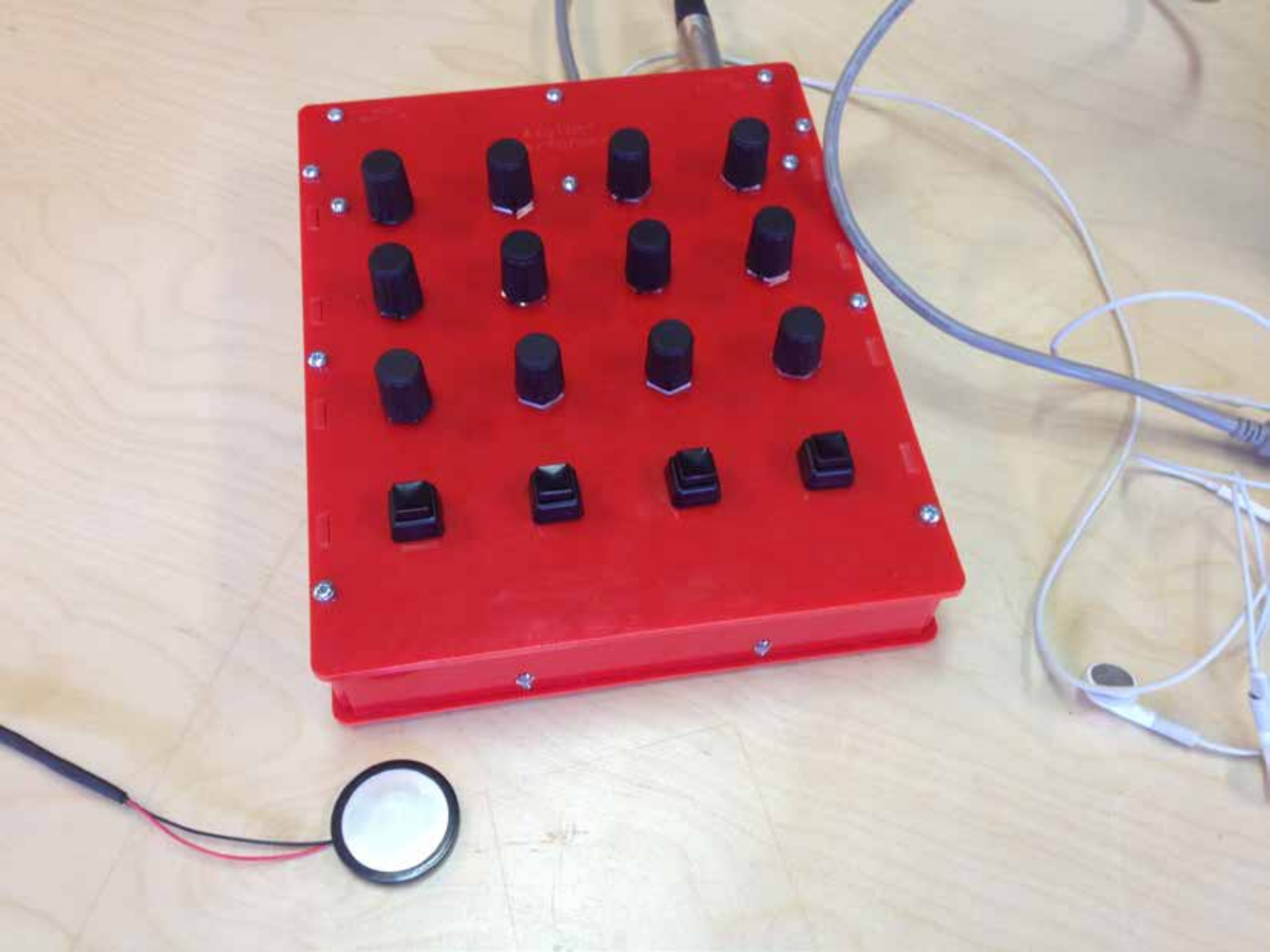
Add the back plate.



Gently push the top plate onto the rest of the enclosure.

Be careful when pushing the nuts into the side slots so they don't end up in the enclosure.

Once you've added all bolts, you can fasten them. Don't forget to fasten the ones at the bottom too.



Feel free to modify the plans if you want to customize the case. You can easily extend the top plate to add potentiometers, pushbuttons or other electronic components.