

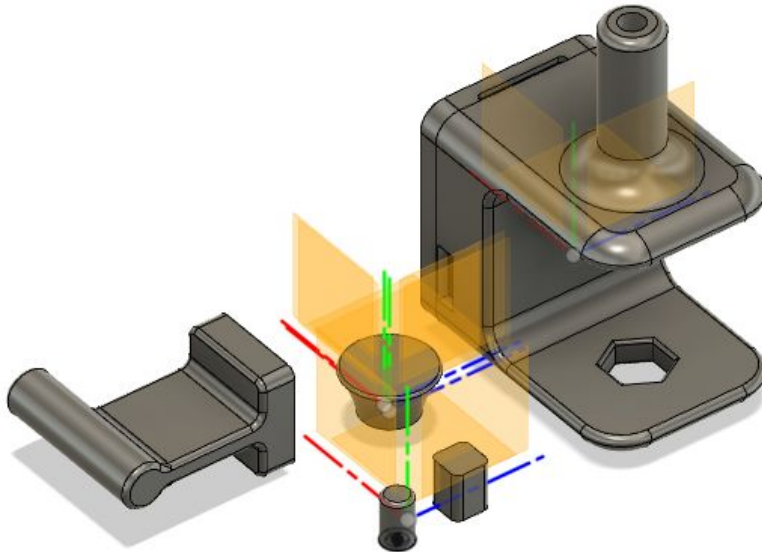
Technology:

Polyjet

Dimensions:

All components are now in inches

Relative scale:



Infill:

Box top, head, joystick mount → solid infill

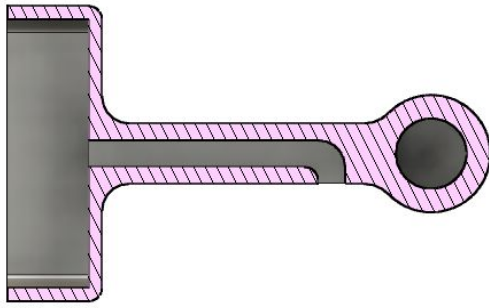
Box bottom → solid infill for 1.2 mm walls, high infill for .2 in walls. This component will be used as part of a clamp

Colors:

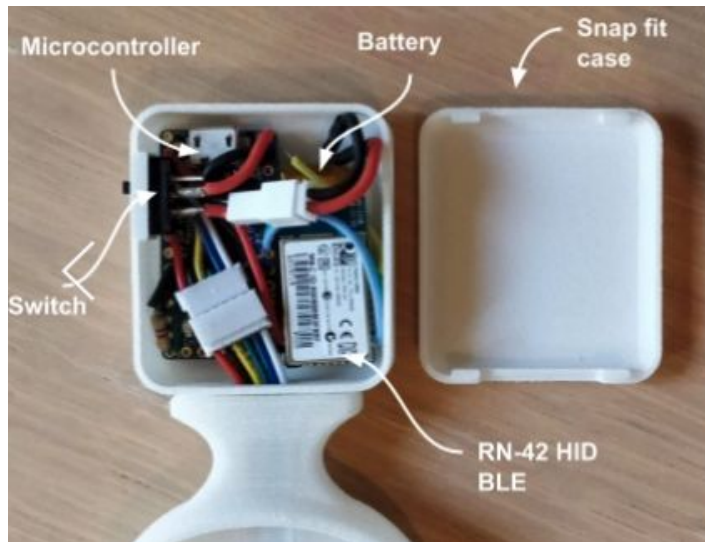
Please print everything in white

Other notes:

There is a channel going through the “joystick mount.stl” component for wires to feed through. Please print this component in an orientation such that there aren’t too many supports inside of this channel (cross section shown below).



The box pieces have a snap-fit mechanism. I tested the tolerances on a previous SLS print (shown below), and it worked very well. I believe polyjet can produce the same results. Please choose a material that's not too stiff. Please test the snap fit case after printing, and let me know how it fits so that I can troubleshoot and send you a revised CAD file.



You can reach me at dylanchow@berkeley.edu if you have any questions. Thank you!