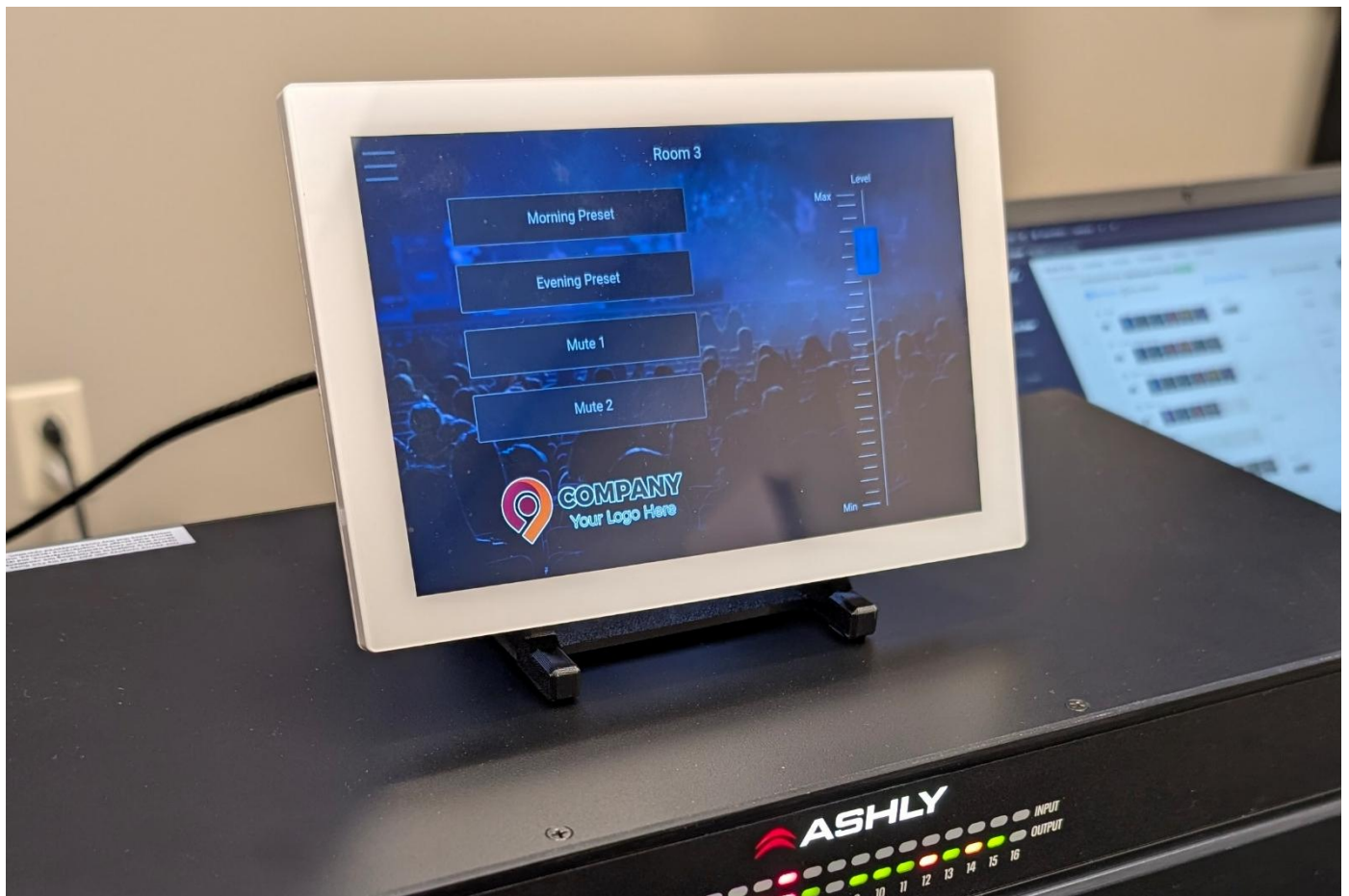




AquaTouch7 3D Printed Stand

Instructions & guide



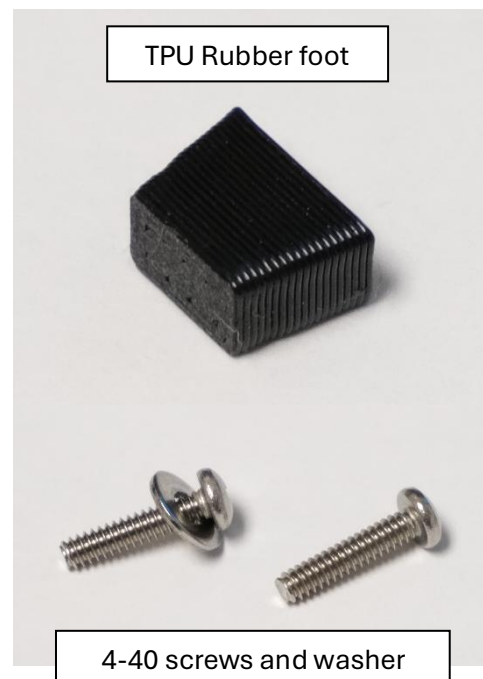
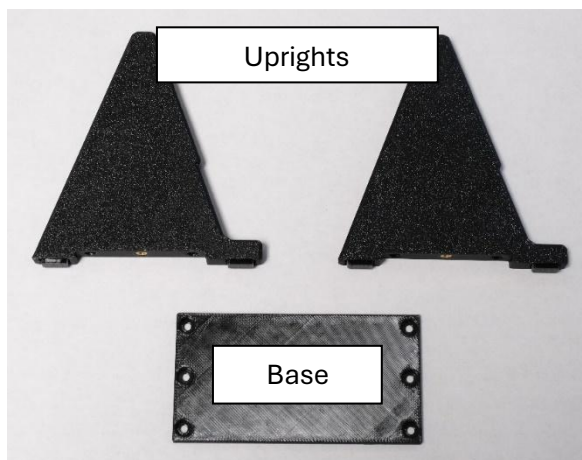
Parts required to make one stand:

- A service capable of printing STL files in the recommended materials PETG and TPU
 - There are numerous services online that are capable of this
- 4pcs - pan head 4-40 machine thread screws, 0.5 inches in length
 - (4pcs required, 8pcs optional for extra rigidity)
- 2pcs - washers for 4-40 screws
- 4pcs - 4-40 thread heat set inserts
 - (4pcs required, 8pcs optional for extra rigidity)
 - McMaster-Carr part number 93365a122
- Soldering iron
- Small phillips screwdriver

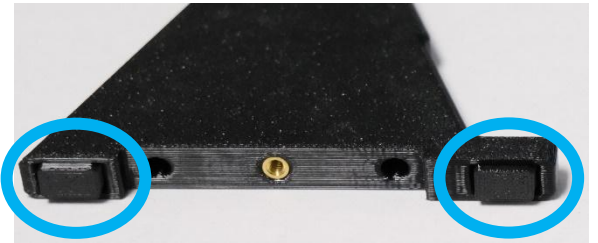
Instructions:

1. Order the 3D printed parts from your selected service
 - a. To make one stand, you will need to order:
 - i. 2pcs of "AT7_Stand_Upright.stl" printed in black PETG material
 - ii. 1pc of the "AT7_Stand_Base.stl" printed in black PETG material
 - iii. 4pcs of the "AT7_Stand_Rubber_Foot.stl" printed in black TPU material, hardness 95A
 - b. Standard print settings of .2mm layer height with 2 perimeters and 20% gyroid or cubic infill will work fine for all parts

Picture of 3D printed parts and screws:



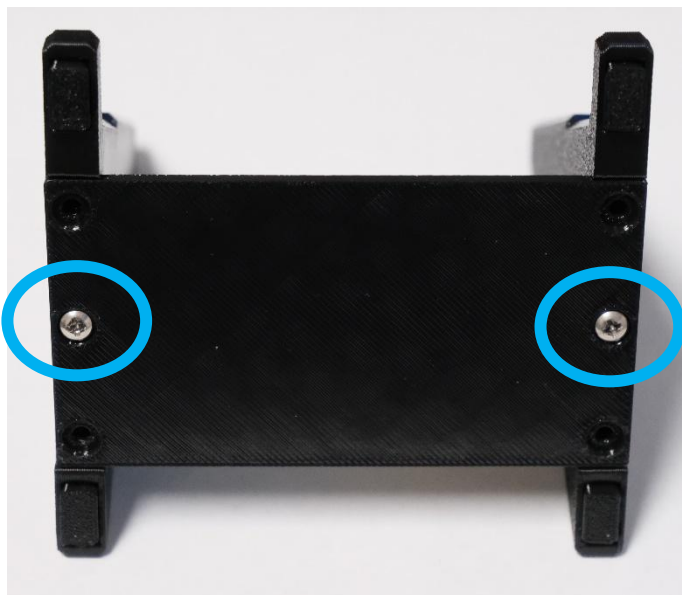
2. Once parts have been acquired, you will need to:
 - a. Insert the TPU rubber feet into the upright pieces
 - i. These are inserted with the larger side first and are meant to snap into the larger upright piece and retain the rubber foot



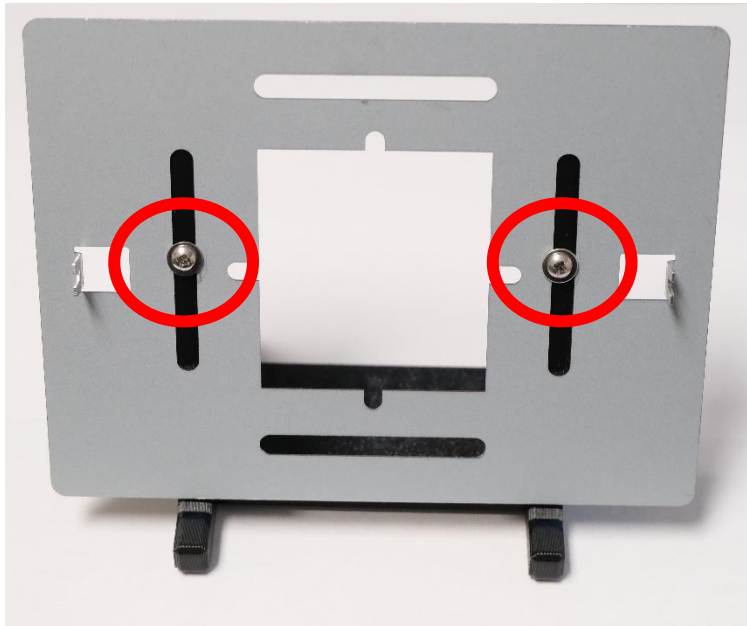
- b. Use a soldering iron to insert the 4-40 heat set inserts into the upright pieces
 - i. There are numerous guides online on how to accomplish this with a soldering iron. Search for “insert heat set insert using soldering iron”
 - ii. This only needs to be done in the two locations shown below, but more inserts can be added to the empty holes if more rigidity is desired



3. Once this is all done, assembly can begin
4. Screw together the base piece as shown
 - a. 2 screws required, up to 6 can be added for extra rigidity



5. Screw on the AquaTouch 7 mounting bracket as shown
 - a. Use the 4-40 washers on the 4-40 screws



6. Mount the AquaTouch7 to the metal bracket in the same manner as standard wall mounting

This guide involves the use of tools such as soldering irons, screwdrivers, and 3D printed components. If you choose to print the parts yourself, please ensure you have the necessary experience with 3D printing equipment and materials, and that your printer is properly maintained. Tolerances can vary between 3D printers, so while the parts are designed to fit together as expected, results may differ and are not guaranteed. Always follow standard safety practices when using 3D printers and handling hot equipment, sharp objects, or small parts. If you're unfamiliar with installing heat set inserts or using a soldering iron, we recommend reviewing online tutorials or consulting a professional. Work in a well-ventilated area, wear appropriate eye protection, and keep tools and small parts out of reach of children. Ashly Audio provides these instructions as a free resource and assumes no responsibility for injury, damage, or issues related to part sourcing, printing, or assembly. Proceed only if you are confident in your ability to safely complete the steps described.