



Simplecom 7 Port USB Hub 8020 Mount (Parameterized)



Archaeologic

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Summary

This design provides a pair of snug fitting brackets to mount a Simplecom USB hub onto a 8020 frame.

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Tags: [cablemanagement](#) [usbhubmount](#) [simrig](#) [simracing](#)

*** V2 Update ***

A parameterized model has been added so the design can be adapted for other devices and hardware.

Design Notes

This mount is designed for a sim racing rig and has protrusions to fit within the 8020 frame. The hub is inserted “upside down” with the power cables and main USB coming out the top. This orientation gives easy access to the switches when mounted on the right side the sim rig. It also ensures the power and main USB cables are not drawn out by gravity, or pulled out accidentally.

Printing

- PLA, 0.20mm, no supports required

Parts Required

- M4 T Slot Nuts (2x)
- M4 Bolts, countersunk 2x)

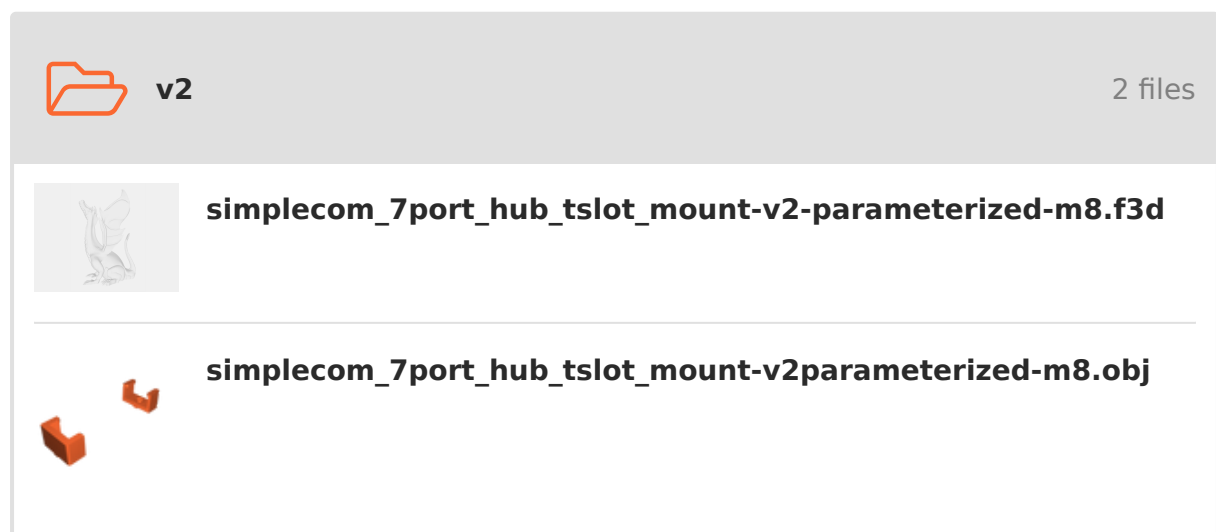
Mounting

1. Determine the mounting location on the rig for the bottom bracket. Ensure there is enough room above it to add the top bracket.
2. Secure the bottom bracket to the 8020 extrusion using a T Slot nut and bolt.
3. Slide the top bracket on to the USB hub.
4. Insert the hub into the bottom bracket and mark the location where the top bracket should be installed.
5. Install the top bracket onto the 8020 extrusion using a T Slot nut and bolt.
6. The USB hub should now easily slide through both brackets

Notes

- Could possibly support 'right side up' mounting with small catches on the 'open' bracket.
- More clearance for the top and bottom ports

Model files





simplecom-7-port-usb-hub-8020-mount-original-m4.3mf

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