



Upgraded Low-Profile Accessibility Switch



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VIEW IN BROWSER

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Summary

This simple, easy-to-print accessibility-switch adds a 1/4-20 threaded insert for easy mounting on pegboard systems

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This is a remix of the Makers Making Change low profile accessibility switch.

<https://www.printables.com/model/214839-low-profile-switch>

This version adds:

- internal posts for better "smack-ability"
- cable routing optimized for dollar tree flat profile stereo 3.5mm cables
- a hole for a 1/4-20x10mm threaded insert.

to assemble, cut any cheap 3.5mm stereo audio-jack and strip the exposed wires. you'll need to use a continuity tester to find out which wires are for the sleeves vs the tip. you can twist the sleeves (sleeve and ring) together to make the stereo-jack effectively a mono-jack.

on the button, cut the contacts off one side and bend the other side's contact out so that the switch can lay flat. solder the tip wire to one

contact and the sleeve and ring wires to the other. thus, hitting the button shorts between sleeve and tip contacts on the jack.

use plenty of hot-glue to mount the switch and wires into the channels on the printed part. before snapping the flap onto the hinge and your ready to go

bone-apple-tea

threaded insert:

https://www.amazon.com/gp/product/B08CD27FVX/ref=ox_sc_act_title_7?smid=A1FWY5C7F8FG1Z&psc=1

accessiblity pegboard tray :

<https://a.co/d/dKSFhUI>

This remix is based on



Low Profile Switch

by Makers Making Change

Model files



low_profile_switch_upgrade_2.stl

☐ full asm

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