



POP - Modular Mount Adapter



metaphorraccoon

[VIEW IN BROWSER](#)

updated 10. 8. 2022 | published 10. 8. 2022

Summary

The POP kiosk was designed to be mobile, modular and constructed using open hardware, open designs and 3D printing.

[Hobby & Makers](#) > [Tools](#)

Tags: [modular](#) [modularmount](#) [mount](#)

Introducing the POP 7" touchscreen kiosk!

Create a [CLIO interactive exhibit](#), an [OctoPrint](#) 3D-printer control panel, a [Plexamp](#) music streaming station, wrangle your web applications with [Organizr](#), or just about anything you can imagine.

[Support us on Ko-Fi](#)

Features:

Designed for use with the [POP 7" Kiosk case](#). This adapter is attached to the back, top or bottom of the kiosk using two M5 bolts. It can be used with any accessories created for the popular [Modular Mounting System](#). For added durability, it is printed in two parts and attached together with an M4 bolt and optional glue. The mount can be used with a two- or three-

prong adapter. There is an additional mount plate that has a slot to pass a CSI ribbon cable through for a camera.

- Prints in two parts to improve long term durability
- Can be used to attach two-prong ("male") or three-prong ("female") Modular Mounting System accessories.
- Adapter head can be attached to allow for either horizontal or vertical articulation
- Cut-outs allow for kiosk case heat ventilation

Hardware

Attach the two- or three-pronged to the mount plate in the desired orientation using super glue and an optional M4 machine screw.

- 1x M4-10mm machine screw. Attaches the mount head to the mount plate.

Build-it-Yourself Guide

A full guide to creating the kiosk is available on the [CLIO Museums wiki](#).

About Us

We create open-source, build-it-yourself technologies for museums, libraries and cultural heritage centers by working directly with them. CLIO and POP have been in active development since 2019. We operate through grants, volunteers and donations from viewers like you.

We have has worked with two natural history museums and one public community college host site for independent one-year development cycles. These projects were designed using the MUSETECH Model, which posits that in order for museums to successfully utilize technologies, there are three stakeholder perspectives that must be considered: the museum as an institution, the cultural heritage professionals that work there, and the visitors who use their resources. We have previously presented and provided literature for MuseWeb 2020.

Learn more on our website cliomuseums.org.

[Support us on Ko-Fi](#)

Model files



modular-mount-adapter-durable.stl



modular-mount-adapter-two-prong.stl



modular-mount-adapter-three-prong.stl



modular-mount-adapter-ribbon-cable.stl

License ©

This work is licensed under a
[Creative Commons \(4.0 International License\)](#)



Attribution

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✓ | Commercial Use
- ✓ | Free Cultural Works
- ✓ | Meets Open Definition