



POP - Modular Mounting System Foot



metaphorraccoon

[VIEW IN BROWSER](#)

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Summary

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

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Tags: [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.

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Features:

The foot is used to display the kiosk on a flat surface, such as a table or shelf. It is printed in two parts then attached together with an M5 bolt and optional glue. The foot can be used with a two- or three-prong adapter. The foot can be used with suction cups to more securely attach to sheer

surfaces, such as glass or polished stone. Additionally, 3D printed TPU or third-party anti-slip grips can be attached to the bottom.

- 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.
- Can be used with M5 screw-on suction cups or 3D printed TPU anti-slip grips

Hardware

Attach the two- or three-pronged head to the foot using super glue and an optional M4 machine screw.

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

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.

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Model files

kiosk-foot-durable.stl



kiosk-foot-pad.stl



kiosk-foot-two-prong.stl



kiosk-foot-two-prong.stl



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