



POP 7" Touchscreen Kiosk - Collar



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.

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Tags: [display](#) [kiosk](#) [modular](#) [portable](#) [raspberrypi](#)
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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:

Requires the [POP 7" kiosk case](#). The collar protects the exposed edges of the Raspberry Pi touchscreen display, decreasing the chances that the kiosk screen will be damaged from minor bumps and falls.

- Provides additional protection to the touchscreen display

- Rounded and tapered corners designed to reduce accidental snags
- Compatible with the [POP kiosk cover](#) for storage and transport
- Add color and contrast to your kiosk with swappable collars
- Can be used with a self-adhesive screen protector

Hardware

The collar is printed in two parts and held together by M2 screws.

- 8x M2-4mm machine screws. These screws hold the front and the back half of the collar together.

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 www.cliomuseums.org.

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Model files



collar-front.stl



collar-back.stl

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