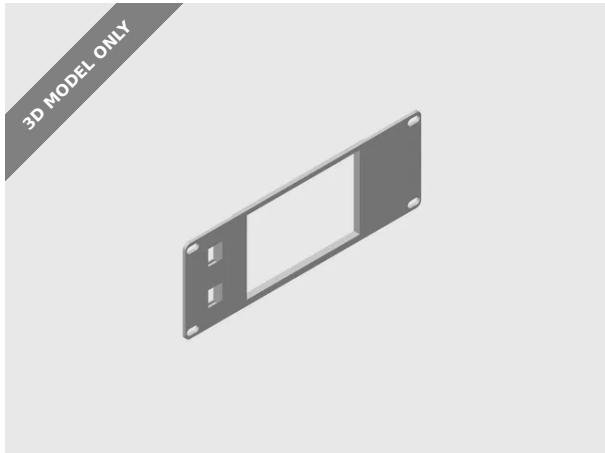




2U Elcrow 5-inch Display Panel with 2 Keystone Ports for 10-inch Racks



SprtnBit

[VIEW IN BROWSER](#)

updated 28. 10. 2026 | published 28. 10. 2026

Summary

10-in rack mount panel for Elcrow 5-inch touchscreen display (SKU:DIS05490T)

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

Tags: [monitormount](#) [homelab](#) [10inchrack](#) [10inchrackmount](#) [10inchrackscreen](#) [elcrow](#)

General Information

I modified the original [mount](#), by deleting the two keystone ports on screen-right, to allow more clearance for the HDMI and USB cables.

Print Settings

The general settings I used were the default OrcaSlicer settings for **0.2 mm layer height** with the following settings changed.

Wall loops:	5
-------------	---

Sparse infill pattern:	Gyroid
------------------------	--------

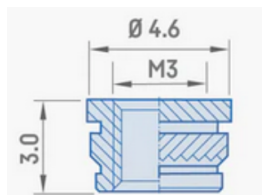
Assembly

Install the display so that the keystone is opposite the HDMI port. There are two options for mounting detailed below.

1. Installing with threaded inserts and screws (from **Pessoa**)

Required parts

- 4x **M3x3 thread inserts**.
- 4x M3x6 screws.



2. Installing by heat-staking

Place the display on the panel and align the holes on the PCB with the corresponding holes on the panel. Use a soldering iron to fill the holes on the panel (be sure to actually weld the filament to the surrounding plastic) until the melted filament is proud of the hole in the PCB. Use a coin (or anything that is metal) and press the plastic flat. Repeat for the three remaining holes.

>>>> BE SURE TO CHECK ALIGNMENT <<<<

I used paper shims to ensure that the display was aligned within the frame of the panel.

This installation method isn't pretty, but works well and is free. I will produce another model (in the future) with pegs that can be melted down so that you don't have to use filament and fill-in holes.

This remix is based on



10-inch Rack Mount for Elecrow 5-inch display

by Maurício Pessoa

Model files



elcrow-display-mount-mk1.stl

License

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



Attribution—Noncommercial—Share Alike

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