



## KeyCraft Pro - QMK Macropad



Anefecious

[VIEW IN BROWSER](#)

updated 2. 4. 2024 | published 2. 4. 2024

### Summary

Key Craft Pro is a new DIY friendly QMK Macropad with two Rotary Encoders and an Oled display with 12 Cherry MX keys.

[Gadgets](#) > [Computers](#)

Tags: [diy](#) [key](#) [keyboard](#) [diyelectronics](#) [craft](#) [cherrymx](#)  
[macropad](#) [ssd1306](#) [keycaps](#) [qmk](#) [macrokey](#) [macros](#)  
[qmkfirmware](#) [ec11](#)

Key Craft Pro is a new DIY friendly QMK Macropad with two EC11 Rotary Encoders and an SSD1306 128x64 Oled display with 12 Cherry MX Keys.

It also adds a small hole for the reset button in the front. This helps with flashing firmware often as you don't need to roll it over every time.

Currently using it on my desk with my Simple stand: <https://www.printables.com/model/830278-simple-stand>



### Printing Instructions:

- Layer Height: 0.2mm
- Material: PLA
- Supports: No
- Rafts: No
- Brim: No

### Software:

- QMK Firmware: <https://qmk.fm/>

### Hardware:

- EC11 Rotary encoders with push button - x 2 - [Aliexpress](#)
- Arduino Pro Micro (AtMega32U4) - x 1 - [Aliexpress](#)
- I2C SSD1306 128x64 OLED display - x 1 - [Aliexpress](#)
- Diodes 1N4148 - x 12 - [Aliexpress](#)
- Small M3 screws - x 3

### Notes:

- Some SSD1306 128x64 oled displays come in different sizes. If the one you have is different size, just snap the tabs on the case and use some hot glue to fix it properly to the case.
- If you need any assistance with firmware or soldering or my keymap, please reach out to me in the comments.
- Aliexpress links are not affiliated. Its just what I used to buy myself.

**Thanks and Happy Printing!**

## Model files



**base-plate-v2.stl**



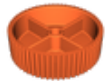
**top-plate-v2.stl**



**oled-border.stl**



**encoder-knob-o-61mm-18mm-15mm-shaft.stl**



**encoder-knob-o-61mm-50mm-15mm-shaft.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