



Custom Mechanical Keypad with Display (Remix)



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Summary

This is a remix of the Custom Mechanical Keypad with Display by JayFi:
<https://www.thingiverse.com/thing:2749209> I...

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I raised the back of the enclosure for better visibility when sitting on a desk and sunk the keys in for what I thought was a better look.

The remix was done in Tinkercad so there are some blemishes and it can likely be improved on. In particular, the front feet for the base seem to be pretty hard to slide into the top portion.

Once assembled I'd suggest adding adhesive rubber feet to the bottom to keep it from sliding around when trying to press buttons.

One thing that JayFi doesn't mention in the original Thing is that this project works best with a 3.3v Arduino Pro Micro, 5v can be made to work but would require additional wiring to change the voltage.

Keycaps are a remixed version (For a tighter fit) of the ones found on the Stream Deck/ Marco Keyboard by CDante found here: <https://www.thingiverse.com/thing:4186055>

One final tip I will give is that the original Arduino Sketch by JayFi uses F1-F9 along with modifier keys and AutoHotKey to launch various macros, I found I liked the approach CDante used of using higher F keys F13 - F19 in my case to avoid having weird interactions with 3rd party applications.

Category: DIY

Model files

keypad_top.stl



keypad_base.stl



slim_keycap.stl



[Find source .stl files on Thingiverse.com](#)

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