



## Desk Controller for ESPHome



petrepa

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### Summary

Desk controller (macropad style) with ESPHome for use with Home Assistant. Volume knob with four additional buttons.

[Household](#) > [Office](#)

Tags: [desk](#) [wemos](#) [esp8266](#) [keyboard](#) [wemosd1mini](#) [cherrymx](#) [macro](#) [macropad](#) [volume](#) [rotaryencoder](#) [midi](#) [volumeknob](#) [homeassistant](#) [homeautomation](#) [esphome](#) [macrokeyboard](#) [keyboardswitches](#)

Desk controller with ESPHome. Wanted a macro pad, but only needed connection to Home Assistant services. Built this with a Wemos D1 Mini, a rotary encoder and four keyboard switches.

More documentation with code can be found in the [GitHub repo](#)

#### Update 21st of December 2023

Uploaded Fusion 360 and STEP files since people have been requesting these for easier remix creations.

# Model files



## Fusion 360 files

2 files



**desk-controller.f3d**



**desk-controller-knob.f3d**



## STEP files

2 files



**desk-controller-knob.step**



**desk-controller.step**



## STL files

3 files



**lid.stl**



**knob.stl**



**case.stl**

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