

Makerverse Electronic Keyboard Case



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Summary

Case for Makerverse Electronic Keyboard

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Tags: [electronics](#) [keyboard](#) [raspberrypi](#) [macropad](#) [core](#)
[pipico](#) [makerverse](#)

Overview

This case is specifically designed for use with the Core Electronics [Makerverse Electronic Keyboard](#), you will also need a [Raspberry Pi Pico w/ female headers](#). You can use this to cheaply and easily make yourself an 8 button macropad, I've included my [Github Repo](#) for the project, which includes example code and instructions to do this.

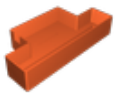
Additional Hardware

- 2 M3x10mm screw (same size as the ones that came in the kit) (required)
- 2 - 4 M2x4mm screws (Optional)

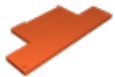
Assembly

Start by attaching the Pico to the base part with the MicroUSB connector facing outwards using the M2 screws. Once you've attached the Pico, plug the keyboard in, once you've done this attach the M3 screws to the standoffs both through the base and also through the keyboard leaving them as loose so that you can manipulate the boards while assembling, once all 4 screws are in the standoff you can tighten them down, you don't need to go crazy, just enough so its not moving around too much. With the base assembled, line the top part up with the assembled section, pressing down with a small amount of force to initiate the friction fit. Place the button caps on the switches and plug the Pico into your desired device. You now have a cheap 8 button customisable macropad.

Model files



makerverse_keyboard_case_v1_cover.stl



makerverse_keyboard_case_v1_base.stl

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