



SuperPID Case

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VIEW IN BROWSER

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Summary

This is a case for a SuperPID closed-loop router speed controller. More information on the SuperPID may be found here:...

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Tags: [cnc](#) [shapeoko](#) [superpid](#)

This is a case for a SuperPID closed-loop router speed controller. More information on the SuperPID may be found here: <http://www.vhipe.com/product-private/SuperPID-Home.htm>

You will need more components to complete the build. This is what I used:

Round SPDT Rocker Switch: <https://amzn.to/2KZKYqe>

PG13.5 Cable Gland: <https://amzn.to/2uc3eWd>

M4 Brass Knurled Threaded Insert Embedment Nuts: <https://amzn.to/2MTZsIO>

Aluminium Heat Sink 100x25x10mm: <https://amzn.to/2MWntil>

DC Power Plug Connector Socket 5.5mm x 2.1mm: <https://amzn.to/2lYJce9>

5V 2A Power Supply Adapter: <https://amzn.to/2KP8ZU7>

IEC Standard C-14 Inlet Connector: <http://tinyurl.com/ydzcwxfp>

AC Outlet NEMA 5-15R: <http://tinyurl.com/y73f989x>

As a bonus, there are two holes in the back of the case that allow you to mount it to standard 1" aluminum t-slot extrusion.

This is based on an excellent CAD design by Matthew Bryant that I found here: <https://grabcad.com/library/superpid-custom-speed-control-box-1>

Note that this is provided for entertainment purposes only and any harm you receive from messing around with mains electricity is your own fault.

Category: DIY

Model files



superpid_knob.stl



superpid_top.stl



superpid_bottom.stl

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

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