Ultimate Printer Knob Upgrade - The Best Knob of Both Worlds (Precision/Comfort & Speed)

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VIEW IN BROWSER

updated 25. 7. 2022 | published 11. 7. 2022

Summary

An upgraded knob for your printer that provides both precise and speedy movements! Truly the "Best of Both Worlds"

3D Printers > 3D Printers - Upgrades

Tags: upgrade prusa rotation knob mk3 mini mod control dial knurled best

It seems most printer knobs are either good at precision/comfort, or they are good at speedy rotation, not both.

This knob upgrade truly has the “Best of Both Worlds”, **precision** using an aesthetically pleasing, traditional “knurled knob” for simple menu navigation, and a finger-loop (large enough for those of us with fat fingers) for **maximum speedy rotations** when adjusting setting requiring rapid-movement such as LiveZ, or using the control knob to move the extruder position. I run these knobs on all of my printers, and i genuinely prefer them over the OEM knob.

If you like/use this knob **PLEASE** post your "make" I love to see it in use :)

Some Highlights:

- It has been strategically designed so the finger-loop does not protrude far enough vertically (up) to make contact with the build plate in the maximum forward position.
- The knob's loop is strategically oriented so in the 100% DOWN position you can stick your finger through the finger-loop to press the X button if you need to cancel a print/reboot.
- The knob's finger-loop is strategically oriented so it does not cover the printer speaker if in the 100% UP position
- **Fun Fact** - “The Best of Both Worlds” is the Star Trek TNG episode where Picard is assimilated into Locutus.

Printing:

- Prints with with **no supports** and a good knurled texture with a .4mm nozzle @ .20mm quality in ~30 minutes.
- I have included a .3mf file to illustrate the proper printing orientation.

Bonus! If you like this model, please check out my other models below:

- **Printable 6-Card Wallet**
- **Prusa Right or Left Side Tool Tray Upgrade** (seen in photos)

Credit**:** to “VAL” for the knurled texture on this knob. Heavily modified internals for structural stability, lift from base-plane & ease of printing / added speed-loop for the “best of both worlds”.

This remix is based on

The knurled knob

by Val

Model files

knob-bofbw-final-v2.3mf

knob-bofbw-final-v2.stl

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