



GONK Droid USB Hub



TheWhiteCliffs

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Summary

The core design was taken from Zachary Rhyner on GrabCAD. I modified it to have a drawer and slot for the USB hub.

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The core design was taken from Zachary Rhyner on GrabCAD. All I did was scale the model, section it, add screw holes, add the hole for the hub, and added the drawer.

<https://grabcad.com/library/gonk-droid-1>

I printed this because I love star wars and thought my USB hub was fitting for it. Decided I'd upload it here for those who'd like to print it too.

This model isn't flawless, and I set this up in a way that made sense to me, without others in mind. I don't intend to make improvements as I was only going to print this once, so it's on you to tweak it to your liking. One thing you'll need to do is place something rigid behind the hub to prevent it from shifting back when you press on it. The cord holds it in place for the most part.

This is the USB hub used. https://www.amazon.com/dp/B01K0P8GJQ/ref=cm_sw_r_cp_apip_TdCgOMVAmmx6u

These are the screws used. The tapping screws used on PC case fans might work as well. <https://www.mcmaster.com/96068A219>

Print Settings

Printer Brand:

Creality

Printer:

Ender 3

Supports:

Yes

Infill:

5

Filament:

SUNLU PLA Gray

Notes:

This was printed with a .8mm nozzle! You may need a larger infill for smaller nozzles.

Top rear - print with inside face on build plate (to match front), no supports

Top front (hub) - print with inside face on build plate, no supports

Midsection - print upside down, no supports

Drawer - print right side up so bottom is parallel to build plate, supports on

Bottom - print with back side down to minimize supports, supports on

With a .8mm nozzle this took close to 24hrs total, so plan accordingly if you're using a .4mm. It used close to 1kg of pla.

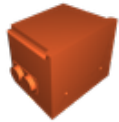
This remix is based on

Free CAD Designs, Files & 3D Models | The GrabCAD Community Library

Model files



gonk_tray.stl



gonk_back.stl



gonk_midsection.stl



gonk_hub.stl



gonk_bottom.stl

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

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