



Ergonomic hand grip for Phone (iPhone XS Max with Case)



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Summary

I wanted a nice grip for playing games on my phone. I have one of those common silicone minimal cases on my iPhone XS...

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Tags: [controller](#) [grip](#) [iphone](#)

I wanted a nice grip for playing games on my phone. I have one of those common silicone minimal cases on my iPhone XS Max and, printed to scale, it snugs in quite nicely. You may want to scale based on your phone size or add grip pads like Suou to get your phone to fit well. Or go to Tinkercad and duplicate my mods to fit your own uses (sorry, I'm not good enough at other modeling to give editable files another way): [Tinkercad project](#)

Remix from: <https://www.thingiverse.com/thing:2970246>

I trimmed right side so you could even plug in charger while you play.

Also, the original pins from Suou's were too small, so I scaled mine up to fit the measurements of the holes once I already printed. You may have to do the same depending on your printer dimensional accuracy.

I unfortunately have two spots in the bottom corners where there's a hole from the top to the pin hole on the top section of the print. I wasn't good enough with modeling to fix that and have everything still fit. So if you're better at all that, you may eventually want to remix my remix!

UPDATE: 10-9-2022 - Added a top for the Iphone 13 Pro Max. I made sure the right side had enough of a notch out for connecting phone to power or wired headphones too.

Print Settings

Rafts:

No

Supports:

No

Resolution:

0.2

Infill:

20%

Filament: Inland PLA+ Red

Notes:

The nice part of Suou's two part design is that you can print with no support at all! I don't remember how much infill I used, just enough to get bridging decent with my machine. I think I did 7-8 top layers so it would be smooth and let me sand it a bit.

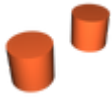
Post-Printing =====

Sanding optional

Did typical 3 stage sanding to get it smooth: 220, 400, & then 800 wet sanded.

Category: Mobile Phone

Model files



fasteners.stl



phone_game_controller_back.stl



iphone-xs-max.stl



iphone-13-pro-max.stl

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com)

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