



Headphone Stand

 Erfie

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Summary

A simple headphone stand that's 24cm tall.



5.02 hrs



6 pcs



0.25 mm
0.30 mm



0.40 mm



PLA



79 g



Prusa
MK3/S/S+

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I wanted a headphone stand that was tall enough to hold my Hifiman i400, so I made this in Fusion 360. I split it in half so a Prusa Mini can print it as well :)

It needs small support when printing the upper arm part as well as the base, and a brim around the lower arm.

Print Settings on MK3S:

I used the 0.3mm Draft preset.

Base:

- 0.3mm
- 15~20% Infill
- Any infill pattern - I use gyroid @ 15%
- Add support in the opening

Upper arm:

- Same as above
- Print it laying flat
- Support underneath the connector

Lower Arm:

- Same as above
- Print it standing up
- Add a 5mm brim to prevent lifting from the build plate

Assembly:

- A small amount of superglue when you join the parts together.

Model files



stand-v71.3mf

Print files



Mini gcode

3 files



lowerarm_025mm_pla_mini_1h42m.gcode

PLA 0.40 mm 0.25 mm 1.71 hrs 12 g Prusa MINI / MINI+



upperarm_025mm_pla_mini_1h54m.gcode

PLA 0.40 mm 0.25 mm 1.90 hrs 22 g Prusa MINI / MINI+



base_025mm_pla_mini_2h25m.gcode

PLA 0.40 mm 0.25 mm 2.41 hrs 42 g Prusa MINI / MINI+



lowerarm_03mm_pla_mk3s_1h23m.gcode

PLA 0.40 mm 0.30 mm 1.38 hrs 13 g Prusa MK3/S/S+



upperarm_03mm_pla_mk3s_1h37m.gcode

PLA 0.40 mm 0.30 mm 1.61 hrs 23 g Prusa MK3/S/S+



base_03mm_pla_mk3s_2h2m.gcode

PLA 0.40 mm 0.30 mm 2.03 hrs 43 g Prusa MK3/S/S+

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