

Building instructions for the 3D printed smartphone stand (free version)

Here is the [full version](#)!

I also made a short explainer video, you can watch it here if you haven't seen it yet: [YouTube Video](#)

Also, don't forget to subscribe to my Youtube channel: [El1as.F](#) :)

What you will need:

- Approx. 5 meters of your favorite filament (I used [PLA+ from ESUN](#))
- 4 drops of superglue

Drucken:

Make sure that your printer is set up correctly and prints accurately. Otherwise the parts may not fit together correctly.

Print settings:

- Filament: [PLA+](#)
- Nozzle: (max.) 0.4 mm
- Layer height: (max.) 0.2 mm
- Layer width: (max.) 0.44 mm
- Perimeter: 3
- Filling: (min.) 40%
- Support: No supports needed!

Assembly instructions (also in the [video](#)):

1. Gently heat 15 cm of filament with a hairdryer.
2. Hold the filament straight until it has cooled down. Be careful not to burn yourself.
3. Insert the straightened filament axle through the corresponding holes in the stand.
4. Cut off the excess ends of the filament axle with a side cutter.
5. Apply one to two drops of superglue per hole to the filament axle. (Alternatively, you can use a soldering iron to melt the filament axis into the holes for 1 second.)
6. Repeat steps 2 to 5 for all three axes of the holder.
7. Allow the glue to dry completely. 5 to 10 minutes should be sufficient.

Your 3D-printed smartphone holder is now ready for use!

Have fun with it! :)

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