



Classic Phone Booth Charger



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Summary

A phone booth that actually holds your phone. Wireless charging stand with an optional light-up

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Phone Booth Wireless Charging Stand

Drop your phone in the booth, and it charges. A classic phone booth scaled down for your desk or nightstand, with a wireless charger hidden inside and an optional illuminated “PHONE” sign up top.

Features

- Wireless charging with either a 100 mm pad charger or a MagSafe puck (adapter included)
- Fits phones up to 170 mm tall, including Plus/Max-size phones in a case
- Fully solderless: printed cable covers hide and route everything inside the base
- Optional light-up “PHONE” sign with brightness you tune yourself
- Sign files for both single-color and multi-color printers
- 10 printed parts, no supports
- Assembles with screws or glue, your choice

What you need

- Wireless charger, one of: 100 mm diameter × 6 mm thick round charging pad (<https://a.co/d/0cZHRXKS>). It's a generic unbranded pad, so any pad with those dimensions should fit.
- Any standard MagSafe puck, using the included adapter
- 8× M3×8 screws, or glue
- Optional, for the lit sign: 12 mm wide, 5 V USB-powered LED strip. Trim it from the free end to set the brightness: fewer LEDs for a soft glow or a translucent sign, more for a brighter sign or a denser filament. Up to 300 mm fits behind the sign.

Printing

- No supports
- No special settings; your standard profile is fine
- PLA, PETG, ASA, or ABS all work
- Sign: print the single-color or multi-color version to match your printer

Recommended colors

- Body: blue or red
- Stand: silver or grey
- Sign: matte white, or translucent white if you're lighting it

Assembly

Seat the charger in the booth (use the MagSafe adapter) and route the cable down into the base.

If lighting the sign, cut the LED strip to length at a marked cut line, install it behind the sign, and run its lead into the base under the cable covers.

Join the parts with the M3×8 screws or glue.

If you print one, post a make. I'd love to see what colors people pick.

Model files

phonebooth-stand.3mf





phonebooth-stand-complete.stl



phonebooth-stand-charger-stand-feet-extension.stl



phonebooth-stand-light-base.stl



phonebooth-stand-charger-stand.stl



phonebooth-stand-light-trim.stl



phonebooth-stand-short-stand.stl



phonebooth-stand-tall-stand.stl



phonebooth-stand-light-sign.stl



phonebooth-stand-frame.stl

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