



## Garmin MARQ (Gen 2) charging stand



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### Summary

Stand and adapter to turn a Garmin MARQ (Gen 2) charging cable into a charging stand.



3.98 hrs



7 pcs



0.15 mm



0.40 mm



PLA



33 g



Prusa MINI /  
MINI+

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Charging stand for the Garmin MARQ (Gen 2). Made for / tested with an Athlete edition of the MARQ 2 — it should be compatible with all other MARQ 2 editions as well though.

Print in PLA. For optimal sturdiness (and a “quality” feel), print at a 0.15 mm (quality) setting using 4 perimeters and 20% (gyroid) infill. Additionally, for the adapter you can use a variable layer height (“Adaptive” with a quality / speed ratio of 0.50).

For a quick (but still fully functional) print, you can go all the way down to a 0.25 mm (draft) setting with a 10% (lightning) infill (and not bother with the variable layer height). This cuts both printing time and filament consumption nearly in half.

The Combined.stl-file is provided for visual reference only — print the parts separately.

There's a version of the stand with a USB-C pass-through and one with a USB-A pass-through. Each of these stands has two further variations: One with a flat bottom surface and one with two insets for [these anti-slip pads](#).

When printed using the orientation provided in the 3MF-file, the stand can be printed without any supports.

The Garmin charger snaps into the adapter (see last photo for instructions) and the adapter snaps into the base.

The flat cable can be guided down and through the base. Leave a large loop of cable at the top of the base (as shown in the photos) both to ensure the charger remains properly seated and to prevent unnecessary bending of the cable.

The flat cable is somewhat annoying as it tends to tip over the empty stand due to its sturdiness. I've used a couple pieces of painter's tape to fix the cable in such a way that it doesn't put any tension on the stand.

I generally keep the band of the watch closed while charging (as seen in the photos), which helps with balance. With an open band the stand is somewhat prone to tipping over forward...

## **Update I — Base extension**

Added an optional snap on “base extension”. This snaps around the base of the charging stand itself (see photos) and improves its balance (i.e., prevents it from tipping over). No need to print it if you're not having issues with the balance...

There are two (3MF) versions of base extension: A regular one — flat on the print bed for fast and easy printing and an “upright” one — takes longer to print and requires supports, but ensures the print direction/texture of the base extension matches that of the stand. This provides a more uniform look when snapped together, especially when printing with glittery filament (e.g. the Prusament Galaxy Black used in the photos).

Print the base extension using the same settings as the stand itself.

When manually printing an upright version: Place the side with the cut out for the cable flat on the print bed, enable “Supports on build plate only”,

set support material style to “Snug”, and ensure no supports are printed around the rounded corners (these are not need; the 3MF-file has painted-on support blockers).

## Update II — Compatible with USB-A charger

Garmin recently released a version of the MARQ (Gen 2) charger with the USB-A connector.

Added an additional version of the stand that supports passing through a USB-A connector (which is slightly larger than the USB-C connector). Apart from the size of the hole on the side, both stands are identical — also from a sturdiness/stability perspective. When in doubt, print the USB-A version as it accommodates both types of chargers.

## Model files



### Combined

1 file

#### combined.stl

☐ For visual reference only — do not print



### Adapter

2 files

#### adapter.stl



#### adapter.3mf



### Stand USB-C

4 files

**stand-usb-c-with-insets.stl**

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**stand-usb-c-with-insets.3mf**

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**stand-usb-c.stl**

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**stand-usb-c.3mf**



**Stand USB-A**

4 files

**stand-usb-a-with-insets.stl**

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**stand-usb-a-with-insets.3mf**

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**stand-usb-a.stl**

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**stand-usb-a.3mf**



**Base extension**

3 files

**base-extension.stl**

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**base-extension.3mf**

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**base-extension-upright.3mf**

# Print files



## adapter\_015mm\_pla\_mini\_46m.gcode

🌀 PLA 📏 0.40 mm ⚖️ 0.15 mm ⌚ 0.77 hrs ⚖️ 9 g 🖨️ Prusa MINI / MINI+

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## stand-usb-c-with-insets\_015mm\_pla\_mini\_3h12m.gcode

🌀 PLA 📏 0.40 mm ⚖️ 0.15 mm ⌚ 3.21 hrs ⚖️ 24 g 🖨️ Prusa MINI / MINI+

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## stand-usb-c\_015mm\_pla\_mini\_3h6m.gcode

🌀 PLA 📏 0.40 mm ⚖️ 0.15 mm ⌚ 3.10 hrs ⚖️ 25 g 🖨️ Prusa MINI / MINI+

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## stand-usb-a-with-insets\_015mm\_pla\_mini\_3h12m.gcode

🌀 PLA 📏 0.40 mm ⚖️ 0.15 mm ⌚ 3.20 hrs ⚖️ 24 g 🖨️ Prusa MINI / MINI+

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## stand-usb-a\_015mm\_pla\_mini\_3h5m.gcode

🌀 PLA 📏 0.40 mm ⚖️ 0.15 mm ⌚ 3.09 hrs ⚖️ 25 g 🖨️ Prusa MINI / MINI+

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## base-extension\_015mm\_pla\_mini\_1h4m.gcode

🌀 PLA 📏 0.40 mm ⚖️ 0.15 mm ⌚ 1.07 hrs ⚖️ 9 g 🖨️ Prusa MINI / MINI+

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## base-extension-upright\_015mm\_pla\_mini\_2h1m.gcode

🌀 PLA 📏 0.40 mm ⚖️ 0.15 mm ⌚ 2.02 hrs ⚖️ 14 g 🖨️ Prusa MINI / MINI+

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