



Cell phone mount for motorbike



Legufix

[VIEW IN BROWSER](#)

updated 8. 3. 2023 | published 8. 3. 2023

Summary

A cell phone mount for using your phone as a navigation device.



11.25 hrs



4 pcs



0.20 mm



0.40 mm



PET



110 g



Prusa
MK3/S/S+

[Hobby & Makers](#) > [Automotive](#)

Tags: [holder](#) [mount](#) [bike](#) [motorbike](#) [motorcycle](#)
[thingiverse](#) [mobilephone](#) [ktm](#) [duke](#)

Because I've been playing with the idea of using my phone as a navigation device while riding my motorcycle, I designed a mount. The holder is mounted directly on the handlebar below the speedometer and is thus well in the field of view. The dimensions I used fit a Huawei P20 lite (with a silicone protective cover) and a KTM 790 Duke. I have added the Fusion360 file so you can adjust the mount to your own dimensions.

Update 05.02.2022: I also added a STEP file for those, who do not use Fusion360.

To mount the holder on the handlebar I use M5x30 screws with a allen hex. An M5x20 hex bolt is installed in the "screw head". The cover of the "Screw head" has a press fit, but I have additionally fixed the part with 2 components epoxy resin glue.

Print Settings

Resolution:

0,2mm

Infill:

30%

Filament:

Prusament PETG Orange

Notes:

The parts require only a few support structures. I have added support structures to the "cell phone mount lower" in the area of the countersink for the screws and to the "cell phone mount upper" in the area of the recess for the power button and the USB C connector.

Two pieces of the "cell phone mount clamp" must be printed.

This remix is based on



Cell phone mount for motorbike

by Legufix

Model files



cell_phone_mount_upper.stl



cell_phone_mount_screwhead_b_2.stl



cell_phone_mount_clamp_2.stl



cell_phone_mount_v17.f3d



cell_phone_mount_lower.stl



cell_phone_mount_screwhead_b_1.stl



cell_phone_mount-v18.step

Print files



cell_phone_mount_screwhead_b_2_02mm_petg_mk3s_2.gcode

⚙ PET ⚙ 0.40 mm ⚙ 0.20 mm ⌚ 0.36 hrs ⚖ 4 g 🖨 Prusa MK3/S/S+



cell_phone_mount_clamp_2pcs_02mm_petg_mk3s_1h23.gcode

⚙ PET ⚙ 0.40 mm ⚙ 0.20 mm ⌚ 1.38 hrs ⚖ 12 g 🖨 Prusa MK3/S/S+



cell_phone_mount_lower_02mm_petg_mk3s_6h18m.gcode

⚙ PET ⚙ 0.40 mm ⚙ 0.20 mm ⌚ 6.30 hrs ⚖ 62 g 🖨 Prusa MK3/S/S+



cell_phone_mount_upper_02mm_petg_mk3s_3h13m.gcode

PET 0.40 mm 0.20 mm 3.21 hrs 33 g Prusa MK3/S/S+

[Find source .stl files on Thingiverse.com](#)

License



This work is licensed under a
Creative Commons (4.0 International License)

Attribution—Noncommercial—Share Alike

-
- | Sharing without ATTRIBUTION
 - | Remix Culture allowed
 - | Commercial Use
 - | Free Cultural Works
 - | Meets Open Definition