



3D Printing Friendly Garmin/Wahoo Interface



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[VIEW IN BROWSER](#)

updated 20. 3. 2024 | published 20. 3. 2024

Summary

3D Printing Friendly Garmin/Wahoo Interface

[Sports & Outdoor](#) > [Other Sports](#)

Tags: [garmin](#) [garminmount](#) [wahoomount](#) [wahoo](#) [f3d](#)

There are loads of Garmin interfaces out there, but (in my opinion) they all fail for one of two reasons:

the intended print orientation is horizontal, thus mandating support structures that are difficult to remove and leave residual filament that interferes with the operation of the interface

the intended print orientation is vertical, exposing the flexible part of the interface to weakness due to lack of layer bonding

I've come up with a multi piece design that prints without support, and is then assembled after printing. That way, you get decent surface finish because of the lack of support, but also good layer adhesion because it's all printing horizontally.

Obviously this is pretty useless in itself; the intent is that the f3d file can be used in other projects.

UPDATE 12/06/23: Copied over changes from the project I built this for. In particular it now has a Wahoo option.

UPDATE 17/09/23: Various tweaks and tolerance changes, hopefully improving the Wahoo option and general “snappiness” of the interface.

Category: Sport & Outdoors

This remix is based on



3D Printing Friendly Garmin Interface

by timangus

Model files



assembly-tool.stl



garmin-interface-housing.stl



garmin-interface-lockring.stl



garmin-interface-spring.stl



wahoo-interface-housing.stl



wahoo-interface-lockring.stl



wahoo-interface-spring.stl

garmin-wahoo-interface.f3d

garmin-wahoo-interface.step

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

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