



**Trim Wheel for  
flight simulator.  
Hall effect sensor is  
highly accurate.  
Easy to mount.  
Easy to tension**



**Daedelus**

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updated 3. 7. 2024 | published 3. 7. 2024

## Summary

Trim wheel uses a hall-effect sensor connected to an Arduino Leonardo to produce highly accurate results for flight sims

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Here are the model files for TWP (Trim Wheel Pro). It is an analogue elevator trim which can be used to precisely control the elevator trim of your aircraft in flight simulator.

More information, assembly instructions, and code can be found on my [website](#).

All parts have been printed in PETG, on a Prusa MK3S at 0.2mm layer height. No supports are required but will require the purchase of additional components and a tiny bit of soldering.

Note: I printed the base on a textured sheet to give a nice finish, the other parts I printed on a smooth sheet. The 3mf files show the printed parts in the correct print orientation but you can print each part separately if you wish.

Edit 28/01/2024: Made minor changes to tolarences / chamfers etc.

Edit 06/03/2024:

- New tensioner design to use a single tensioner screw for even and convenient tensioning
- Removed unneeded cap + now unnecessary countersunk screw
- Redesigned wheel now cap has been removed
- Redsigned guide on my website to take changes into account

Enjoy!

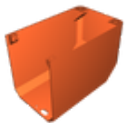
## Model files



**base.3mf**



**main.3mf**



**lid.3mf**



**lid.stl**



**spacer.stl**



**tensioner.stl**



**wheel.stl**



**base.stl**

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