**[Getting started with iNav]**

[**https://github.com/iNavFlight/inav/wiki/Getting-started-with-iNav**](https://github.com/iNavFlight/inav/wiki/Getting-started-with-iNav)

Install the latest version of [iNav Configurator](https://github.com/iNavFlight/inav-configurator/releases) and use to download and flash firmware (Windows 64)

Be aware on first boot after a reflash or clean erase INAV tries to auto detect MAG, BARO and SPEED (Pitot-tube). If none are detected it will indicate this with red icons on the sensor bar. It will also fail on Hardware health on the Pre-arming checks. To fix reboot and its fine.

[Video showing how to edit and tailor iNav for you needs.](https://youtu.be/n3Z1fOQJAg8)

[**https://www.youtube.com/watch?v=n3Z1fOQJAg8&feature=youtu.be**](https://www.youtube.com/watch?v=n3Z1fOQJAg8&feature=youtu.be)

Tested and recommend GPS are M8N versions ( example [Ublox NEO-M8N](https://inavflight.com/shop/s/bg/1005394) and [Beitian BN-880](https://inavflight.com/shop/p/BN880) ) But both M6N and M7N should work.

With default iNav settings iNav will configure ublox GPS for you, no need to use software like u-center.

Also be aware that some of our flight controllers can cause interference with the GPS causing low satellites or even no satellites at all, keep GPS as far as possible away and think of either shield your GPS or flight controller and other equipment that can cause interference.

You can learn how to setup your GPS unit for use with iNav on <https://github.com/iNavFlight/inav/wiki/GPS--and-Compass-setup>

If your copter is toilet-bowling, which means, in the beginning it holds its position and then starts to make bigger and bigger circles, you probably have your magnetometer not calibrated correctly or it’s seeing the magnetic field of you power lines or the beeper.  
If you are using your FC onboard mag, try to place the the FC as far away as possible from the magnetic interference causing parts e.g. mounting it on/under the top plate on small racers.

[rcgroups Cleanflight iNav thread](http://www.rcgroups.com/forums/showthread.php?t=2495732): <https://www.rcgroups.com/forums/showthread.php?2495732-Cleanflight-iNav-(navigation-rewrite)-project>