



Navicom Dynamics

Innovate | Integrate | Communicate

GyroPilot & GyroPilot+ Quick Start Guide



Unboxing

Thank you for choosing Navicom Dynamics.

If purchasing a combo, you will receive these items.

When purchasing separately, see manual for unboxing information.



Make sure to check all items are present.

GyroPilot Quick Setup

1. With the GyroPilot switched off, place it on a flat surface in the required location, and connect it to the vessel's Pilot Plug using the pilot plug cable supplied.

2. A firm press of the power button for 3 seconds is required for switching the unit on and off. The unit will produce three audible clicks when turned on. Switch the device on. From this point onwards, do not touch the GyroPilot, as this will disturb the gyro, resulting in incorrect readings.

3. Once the GyroPilot has locked onto AIS signals from the Pilot Plug and has calibrated its gyro (30 seconds), it will begin sending the following data to the laptop or tablet over the wireless connection:

- all AIS messages received from the Pilot Plug (AIVDO & AIVDM)
- rate-of-turn and smoothed heading readings in NMEA format

Charging your device

We recommend that you fully charge the GyroPilot unit before its first use. To charge the device:

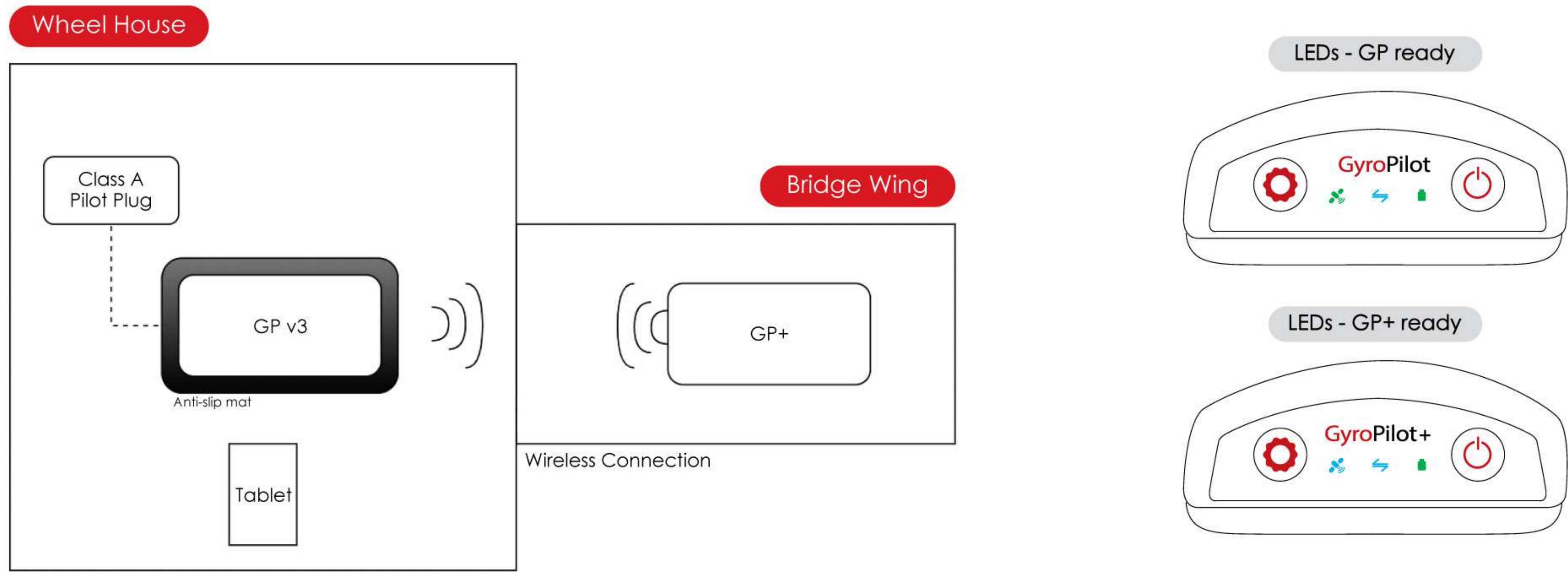
- Assemble and connect the provided power supply to mains
- Observe a Y-cable with 3 connectors (provided with GPv3) or the GP+ cable (2 connectors)
- Insert the twist-lock bayonet connector to the GP
- Insert the USB connector to the power supply
- Check the GyroPilot PWR LED is blue (charging) or Green (charged)

NOTE: If the unit is in storage, it is recommended to store the unit at half charge and to recharge at least once every month.

Setup with GyroPilot+

GyroPilot+ is an addon device and acts as a GNSS antenna, providing independent and highly accurate position data. It is recommended to place the unit on the bridge wing with a clear view of sky.

1. Turn on both GyroPilot and GyroPilot+.
2. Hold down the configuration button on both devices until the GP+ LINK LED starts flashing red and blue.
3. Both the GyroPilot and GyroPilot+ will link automatically and can be confirmed once the GyroPilot+ LINK LED is solid blue.
4. If you are uncertain of the pairing process, turn both devices off and restart the process.



GyroPilot & GyroPilot+ battery indicator:

Green Solid		Battery Medium to Full (>40%) or fully charged
Orange Solid		Battery Low to Medium (20% to 40%)
Red Solid		Battery Low (<20%)
Red Flashing		Battery Critical (<5%)
Blue Solid		Battery Charging

GyroPilot Connection LED Indicator

Red and Yellow Flashing		No AIS Data	No connection
Blue and Red Flashing		No AIS Data	Connection established
Blue and Yellow Flashing		AIS Searching	Connection established
Blue Solid (normal operation)		AIS Locked	Connection established

GyroPilot GNSS LED Indicator

Red Solid		No AIS Data	No GPS
Green Solid		AIS LOCKED	
Yellow Flashing		Backup GPS	No Lock
Yellow Solid		Back up GPS	Locked
Blue Flashing		External GPS	No Lock
Blue Solid		External GPS	Locked

GyroPilot+ Connection LED Indicator

Blue and Red Flashing		Bluetooth Discoverable and Pairable
Blue Solid (normal operation)		Connection established
Red Solid		Not paired

GyroPilot+ GNSS LED Indicator

Red Solid		No Position information
Green Flashing		Acquiring a position
Blue Solid		Acquired a position