



GyroPilot v3

Introducing the Next Generation

GyroPilot is an excellent device to support a broad range of professional pilotage and navigation operations.

This compact unit plugs into the ships AIS to transmit AIS position data. It measures and provides independent Rate-of-Turn (ROT) and smooths Heading (HDG) data for more precision.

It wirelessly transmits this data to your laptop/ tablet which is loaded with your choice of navigation software and charts, giving you the precise and stable information you need to support many types of manoeuvres.

It is best suited to pilots wanting to use the Pilot Plug but also wanting better Heading or Rate-of-Turn, which is almost never available from the ship.

GyroPilot v3 comes loaded with new features including the ability to link other sensors and devices to get more independent data and augment its performance for a more robust and sophisticated system.

Physically tough, with a lightweight form factor, portability and ease-of-use,

GyroPilot v3 is a powerhouse in the palm of your hand!



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Wireless Pilot Plug data repeater with built-in gyro for ROT data and heading smoothing. All in a light-weight and rugged case that fits in the palm of your hand!



Performance Features & Usability

- Quick start up** : AIS available immediately and ROT after calibration (30 sec).
- Auto detect** : Auto detects and corrects Pilot Plug pin configuration and data rate.
- Accurate** : On-board pitch and roll sensing to improve Heading accuracy. *(available soon and user upgradable)*
- Leave-behind Alarm** : Activates 30 sec after GyroPilot is no longer connected to the laptop/tablet.
- Backup mGNSS** : Should AIS fail, GP provides position and course over ground for emergency use.
- Software** : Compatible with most leading piloting software (with NMEA format messages)
- Ability to link** : Wirelessly link external devices for increased independence and performance of the system. Add an independent positioning sensor (GyroPilot Plus) or independent position and heading antenna (using Trimble technology).
- Operational Run Time** : Up to 30 hours



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GyroPilot v3 Specifications

Physical Specifications

Dimensions	120 x 75 x 40mm [4.7" x 2.9" x 1.6"]
Weight	300g [0.66 lbs]
Battery	Li-Ion rechargeable
Battery life	Up to 30 hours
Indicators	Battery status, Communication link status, GNSS status, AIS status
AIS cable	1.5 Combined AIS & charging cable (other lengths available on request)

Technical Specifications

Position source	Primary - AIS Back up - mGNSS
Rate of Turn (ROT)	ROT Accuracy < 0.5° (1σ) ROT Precision : 0.1°/min
Heading (HDG)	HDG Accuracy < 0.5° (1σ) HDG Precision : 0.1°
Data output	All AIS messages, GPHDT, GPROT, battery status
Wireless	Wi-Fi or Bluetooth (Class 1). Back-up operation by USB cable
Backup GPS	33-channel GPS/GLONASS receiver with SBAS. GPGGA, GPVTG, GPGSV
Firmware	User upgradable <i>(This option will be available for all Navicom products in the future to improve product performance.)</i>
Testing	AIS test message built-in
External linking (Option 1)	GyroPilot Plus - independent position sensor <i>(Available for purchase separately)</i>
Position Accuracy	GNSS < 2.5m (uncorrected) SBAS < 1m [from GPPlus]
External linking (Option 2)	GyroPilot Triteia (Imminent Launch) - independent position and heading antenna (using Trimble technology)

Environmental Specifications

Operating temperature	-20°C to +74°C (-4°F to +165°F)
Storage temperature	-40°C to +74°C (-40°F to +165°F)
Humidity	95% (non-condensing)
IP rating	IP 65
(RoHS)	GyroPilot meets the directive for Restriction of Hazardous Substances (RoHS)

Order the Complete Package from us now!

GyroPilot v3 + Display (Laptop/Tablet)+ Software + ENCs

Our products are used in over 30 countries globally. Some of our GyroPilot customers are:

- Swedish Maritime Administration, Sweden
- Mississippi River Pilots, United States of America
- Midwest Port Authority, Geraldton, Australia
- Medway Pilots, United Kingdom
- Rio de Janeiro Pilots, Brazil

To refer case studies of our products, please visit our website on:
www.navicomdynamics.com/case-studies

- ▶ 2 year warranty applicable (1 year for cables and batteries)
- ▶ Variety of support packages available
<http://navicomdynamics.com/products/product-support>
- ▶ Upgrade offer for existing customers of the GyroPilot v2
- ▶ Discounts available for volume purchases
- ▶ Purchase also available through 'Equipment on lease' (SaaS Select) program (inclusive of comprehensive support)
- ▶ Special promo pricing for purchase of GyroPilot v3 with GyroPilot Plus

All this and more! Find out how you can make the new GyroPilot yours and join the growing, global Navicom family.



GyroPilot v3 with
GyroPilot Plus



Imminent Launch
GyroPilot v3 with
Trimble antenna

Future upgrade paths by adding on devices for more independent information - independent position sensor (GyroPilot Plus) independent heading and position antenna (using Trimble technology)

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