

TRENZ Portable Pilot Unit

>>SIRIUS<<

> S I R I U S < – Our next generation Portable Pilot Unit (PPU).

While we kept the well-known look and feel of its predecessor , the > S I R I U S < comes with even better inner values. 2 years of development and loads of customer feedback have been used to create this super compact yet powerful PPU.

The new internal design allows for new functions and customization in the future making the Sirius a great investment for pilots all around the world!



Features

- ▶ IP 65 protection (including USB-C ports)
- ▶ High precision ROT by dual sensors with T R E N Z s e n s o r f u s i o n
- ▶ Precision GNSS Receiver
- ▶ Superior AIS circuit protection
- ▶ Super quick startup (25 sec.)
- ▶ Configurable heading tick
- ▶ Adjustable LEDs
- ▶ Wide range Wi-Fi + Bluetooth
- ▶ USB power delivery charging
- ▶ Up to 24 hours operation on battery
- ▶ "Leave behind" alarm
- ▶ Low weight (216g) and super compact dimensions
- ▶ Two powerful internal magnets
- ▶ Two years warranty - warranty extension available

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Specifications

	Protection:	IP 65 (incl. USB-C connectors)
	Weight:	216 g
	Dimensions:	130 x 75 x 28 mm
	System readiness:	25 sec.
GNSS	Accuracy:	2.0 m CEP
	Position standards:	GPS + QZSS/SBAS, GLONASS, Galileo, Beidou
	Number of concurrent GNSS:	4
		Spoofing detection, Jamming detection
Rate of turn (ROT)	Time to calibrate	~ 10 sec. after boot
	Accuracy:	+/-0.5 °
Roll/Pitch (R&P)	Accuracy:	+/-0.5 °
Sensors ROT/R&P:		Gyroscope
		Acceleration sensor
		TRENZ sensor fusion
		High precision at slow turns
Battery/Power supply	Technology:	USB-power delivery
	Charging:	2,5 hrs. to max.
	Connection type:	USB-C
	Operating time:	up to 24 hrs.
		Charging during operation
		AIS circuit protection
AIS:		AIS-check for consistency and checksum
		AIS-decoder: heading, ROT, name
		Polarity protection / correction
Connectivity	Wi-Fi:	Up to 3 simultaneous clients
	Signal strength	18 dBm
	Protection standards:	WPA/WPA2
		Simultaneous use of mobile data connection
	Bluetooth:	v.4.2

TRENT Pilot Unit Manager App

Manage your TRENT PPU with our pilot unit manager app. The app allows you to

- ▶ change the configuration
- ▶ check the status
- ▶ and update the firmware of your PPU

Easy to use, simple and clear information – the perfect companion for your TRENT PPU!





Scope of delivery:

- ▶ Portable pilot unit (PPU)
- ▶ USB-C AIS connection cable
- ▶ USB-C charging cable
- ▶ Charging device
- ▶ Watertight transport bag
- ▶ User manual
- ▶ Quick start guide
- ▶ Pilot Plug Manager app for iOS, Android and Windows

Service:

- ▶ 24 months warranty included
- ▶ 12 months warranty extension available
- ▶ Free firmware updates, custom firmware optional