

AIS CTRX GRAPHENE

The latest in navigation and safety products



**A new generation of innovative Class B AIS products
YOUR SAFETY, OUR CONCERN - SEE AND BE SEEN**



AIS CTRX GRAPHENE

AIS (Automatic Identification System) Class B is increasingly becoming the most popular too for navigation and safety on board pleasure crafts and smaller commercial vessels. It has both receiving and transmitting capabilities which makes it possible to see other ships, SART AIS, AtoN AIS, SAR Aircrafts and weather stations and be seen by all vessels within range equipped with AIS transponders.

All our AIS products are easy to install with the majority of the plotters or PC-navigation systems. With our long and solid knowledge in AIS technology we know that our product is fully future proof.

NO ONE KNOWS AIS BETTER



Quality and development

As one of the leading companies involved in AIS technology we constantly develop products for the needs of today and tomorrow. Our effort is to remain as a global leader in the exciting future of AIS.



SEAPILOT

Technical specifications

Physical

L x W x H: 190 x 135 x 90 (mm)
Weight: 0,8 kg
LED indicators: 6
Operating temperature: -15°C to +55°C

Electrical

Power supply range: 12 to 24 VDC
Power consumption: 150mA@12VDC, <2W average
Connectors:
VHF Antenna (BNC)
GPS Antenna (TNC)
Power/Data (NMEA 183, RS 422, RS 232)
USB Mini
NMEA 2000
VHF Radio (FME)*

GPS Receiver (AIS Internal)

50 Channels (SBAS support)
Position accuracy: <3 meters CEP (GPS)
<2 meters CEP (DGPS)

The AIS-CTRX GRAPHENE requires both a VHF and a GPS antenna.

Two versions of the CTRX GRAPHENE.

The CTRX GRAPHENE can be supplied in two versions; the standard CTRX GRAPHENE and the CTRX GRAPHENE+. The CTRX GRAPHENE+ contains a built in VHF antenna splitter for combined use of antenna with the VHF radio.

Transmit and Receive

The AIS CTRX GRAPHENE Class-B transponder both transmit and receive AIS information. It can receive all AIS information available e.g. AIS Class A, AIS Class B, AIS AtoN and AIS weather information.

Silent mode

The AIS CTRX GRAPHENE can with a simple push of a button be made "silent", meaning that the unit will only receive AIS data from other AIS transponders.

Easy to Install

The AIS CTRX GRAPHENE is easy to install, just connect;

- 12-24 VDC
- GPS antenna (5VDC)
- VHF antenna
- A plotter, radar and/or PC navigation software.
- With setup software PRO AIS

Approvals and standards

- R&TTE, CE (Europe)
- IEC60945 ed4
- IEC61108-1 (GPS) (Complaint)
- IEC61162-1/2 Ed 2
- IEC62287-1 Ed 2
- NMEA 2000 Ed 2,20
- ITU R-M 1371-4

Supplied with

- 2 m power cable
- 1 m USB cable
- Installation software and user manual on CD
- 2 m cable for connection to VHF*

*Only GRAPHENE+



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