

# AIS CTRX CARBON

The latest in navigation and safety products



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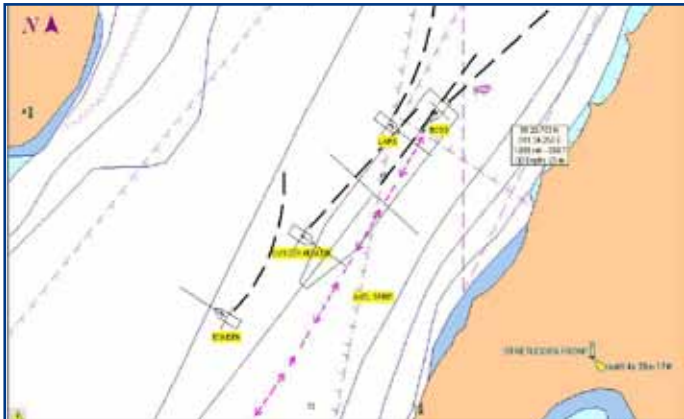
AIS (Automatic Identification System) Class B is the latest navigation and safety product for pleasure crafts and smaller commercial vessels. It has both receiving and transmitting capabilities, to make it possible to navigate and display all vessels, within range, equipped with AIS transponders and be seen by vessels equipped with AIS equipment.

All our AIS products are easy to install with the majority of the plotters or PC-navigation systems. With our long and solid knowledge within AIS technology we feel that our products are future proof to take you into the exciting new areas of AIS that today are being developed.



## QUALITY AND DEVELOPMENT

For True Heading and our partners, like the Volvo Ocean Race, it's a natural process to use our own products in the most demanding environments. By this day to day use we can constantly work on improving our products. As the leader in AIS technology we constantly develop products today for tomorrows needs in our efforts to remain a global leader in the exciting future of AIS.



AIS in a Electronic Chart System

### Technical specifications

#### Physical

L x W x H: 190 x 135 x 90 (mm)  
Weight: 1 kg

#### Electrical

Power supply range: 12 VDC (-20% - + 30%)  
Power consumption: 4 W (average)  
Connectors: VHF Antenna (BNC)  
GPS Antenna (TNC)  
Power/Data

#### GPS Receiver (AIS Internal)

16 Channel (WAAS, EGNOS, MSAT support)  
Position accuracy: <3 meters CEP (GPS)  
<2 meters CEP (DGPS)

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

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## OFFICIAL AIS SUPPLIER



The CTRX CARBON exists in two versions, the standard CTRX CARBON Class B AIS and the CTRX CARBON + that also contains a built in antenna splitter for combined use of antenna with the VHF radio. Both products are prepared for future connection with e.g. alarm and monitoring using AIS technology.

### Transmit and Receive

The AIS CTRX CARBON Class-B transponder device ensures that you see and are seen by other AIS fitted vessels and coast stations.

### Silent mode

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

- 12 VDC and protect it with a 2 A fuse
- GPS antenna (5V)
- VHF antenna or use our Class B AIS/ VHF antenna splitter to split one antenna for both AIS and VHF
- your plotter or PC navigation software to the data ports.



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