



AIS CTRX CARBON

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.

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



AIS CTRX CARBON Class B Transceiver

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.

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 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.