

Leader in AIS Technology

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See and be seen,
safety first

AIS CTRX CARBON

AIS (Automatic Identification System) Class B is the latest navigation and safety product for pleasure crafts and smaller commercial vessels. It brings enhanced safety and a whole new dimension to navigation.

The AIS CTRX CARBON has both receiving and transmitting capabilities. The AIS-CTR makes it possible to navigate and display all vessels equipped with AIS transponders and at the same time be seen by other vessels equipped with Class B adapted AIS equipment. The CTRX CARBON is transmitting its position once every 30 seconds (or more often when asked to do so) to reports its identity, position, speed and course over ground etc. to announce its existence.

The AIS CTRX CARBON gives at the same time an accurate position via the built in GPS and is easy to install with the majority of the plotters or PC-navigation systems existing on the market today.

Available with built in antenna splitter as CTRX CARBON +



The right feeling

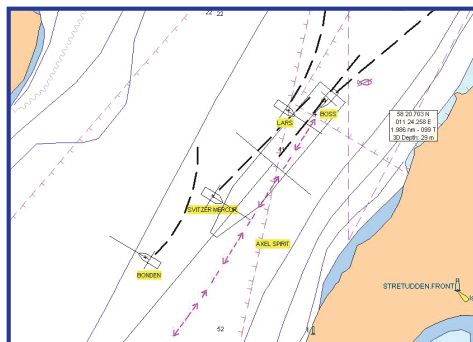
We strive for perfection in everything we do- from our own yacht racing to product design. At sea in fog, darkness or harsh conditions there is no room for shortcuts. This is where the care and hard work that goes into our products really pays off – helping you to feel safe on the water.

In Volvo Ocean Race conditions, everything onboard the VO70 boats has to work perfectly – so it's little wonder that the AIS products from True Heading are the only AIS devices trusted by all the VOR boats. In all types of yacht racing AIS is increasingly bring the feeling of participation to not only the sailors, but also our loved once at home. The positive feedback from our customers is what motivates us to ensure you are feeling safe and comfortable navigating with True Heading products.



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. Through this day to day use we can constantly work on improving our products. As the leader in AIS technology we constantly develop products to-day 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 : 1650 g

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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True Heading retailer



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OFFICIAL AIS SUPPLIER

**VOLVO
OCEAN
RACE**

2008 - 2009

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 CABON 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 to 12 VDC and protect it with a 2 A fuse. Connect a GPS antenna (5V) and a 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 connects through the two serial ports. One already prepared for PC with a standard 9 Pin d-Sub and the other port with unterminated cables for plotters,



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