



## When sailing was still an adventure - AIS signal reception

### Functionality

The easyTRX receives AIS radio signals, both Class A (sent by commercial & larger crafts) and also Class B (sent by an increasing number of leisure crafts). The signals are converted into an NMEA message, which can be displayed on AIS enabled chart plotters or on P.C. software.

### What else do I need to use the easyAIS 2nd Generation?

There is necessary an own VHF antenna. As an alternative you can use the easySPLIT, with which you can connect the existing VHF antenna for the reception of the AIS.

### Which Chart plotter/PC software fits together with the easyAIS?:

Most of the nowadays new chart plotters or PC software are capable to show AIS data on the screen. Nevertheless please check with your distributor whether your chart plotter/PC software is actual and can manage and display incoming NMEA data.



### Characteristics:

- 2 channel AIS receiver with newest micro processor ( $\mu$ P) technology
- Highest sensitivity at optimized selectivity
- Integrated multiplexer upconverting from 4,8kB to 38,4kB
- Enlarged DC power input

### Specification:

- 2 channel receiver to receive AIS data on 161,975 MHz and 162,025 MHz
- Class A and Class B
- Sensitivity: -112 dBm (Therefore - 3 dBm better than the norm for Class A receivers!!)
- Channel spacing: 25 kHz
- Enlarged power input: 9 VDC - 28 VDC, 80 mA
- Antenna connector: BNC socket. 50 Ohm
- Baud rate: 38,4 kB (optional 4,8 kB by means of a jumper setting)
- NMEA output message: VDM
- Ambient conditions: under deck, 0° C to 60° C
- 140 mm (l) x 140 mm (w) x 35 mm (h)
- Weight: app. 400 g

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