

# NAUTICAST A2

## Nauticast A2 Class A AIS Transponder

The robust AIS solution for professional use, both SOLAS and Inland

### Easy installation, full connectivity

Single-box design with integrated colour display for easy installation. RS232/RS422 interfaces (NMEA 0183) allow for integration with other ship systems. Pilot plug and USB connector located in front panel give easy access to static and dynamic data.

### Reliable and future proof

The NAUTICAST A2 is regarded by many as the most reliable device in its class, exceeding all relevant specifications (IMO, ITU, IEC and CCNR). Built as SDR (software defined radio) it offers maximum capability for upgrades to future technical standards.



[www.nauticast.com/en/cms/a2](http://www.nauticast.com/en/cms/a2)

Inland approved



WSV.de  
R-4-222 rev.1

Wheelmark approved



4581/001/4322644/14

### Other main features

- Weatherproof & compact design
- Pilot plug and USB located in front panel
- Quick software upgrade via USB
- SART alarm and test support
- Intuitive graphical user interface
- Languages EN, DE, NL, FR, HU, ES, RO

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## Specifications & Accessories

### Technical Specifications

- **Model**                    **Nauticast A2**
- **Size:**                    237x70x170 mm
- **Weight:**                2,20 kg
- **Power:**                 24VDC (12VDC)  
17W avg consumption,  
24W (48W) peak  
1A (4A) peak current
- **Interfaces:**            5 x RS422 / 1 x RS232  
1 x USB  
1 x Digital In (e.g. Blue sign)  
Alarm Relay / Pilot plug
- **Environmental:**      Protected (EC 60945-Ed.4)  
-15 °C to 55 °C
- **VHF:**                    SDR Transceiver  
Frequency 156-163 MHz  
Output power 1/12.5W (±1.5dB)  
Sensitivity < -111 dBm
- **GPS:**                    50 Channels  
Frequency: L1(1575.42 MHz)  
Update rate: 1 Hz  
Antenna feed: 5 V DC
- **Accuracy:**            Position <2.0 m DGPS (CEP)  
Position <2.5 m GPS (CEP)  
(SA off)
- **Sensitivity:**            Tracking -162 dBm  
Cold Start -148 dBm

### Box Content & Recommended Accessories

Purpose	Description	Prod. No.
<b>Box Content</b>	Nauticast A2 device, power cable, printed installation & operation guides; USB-Stick with full documentation & firmware (optional: printed product manual, Art.No. 1001001-2)	100 1001
<b>Interface</b>	Connection Box for A2 Data cable A2 for Connection Box 2m Data cable A2 with open ends (labelled individually) Alarm Relay for A2	100 1011 100 1013 100 1003 100 1010

### Inquiries & Orders

