

# NAUTICAST A2

## AIS Class A Transponder

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

### Easy installation, full connectivity

The single-box design with integrated color display allows for easy installation. RS232/RS422 interfaces (NMEA 0183) and pilot plug guarantee seamless integration into all other

### High quality and compliance

The NAUTICAST A2 exceeds all specifications for SOLAS and INLAND AIS as outlined by main authorities such as IMO, ITU, IEC and CCNR.



[www.nauticast.com/content/nauticast-a2](http://www.nauticast.com/content/nauticast-a2)

Inland approved



WSV.de  
R-4-222 rev.1

Wheelmark approved



4581/001/4322644/14

## Other main features

- Weatherproof & compact design
- Integrated pilot plug in the front panel
- Multilingual Software
- SART alarm and test support
- Intuitive graphical user interface
- Quick software upgrade via USB

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## Specifications & Accessories

### Technical Specifications

■ <b>Model</b>	<b>Nauticast A2</b>	■ VHF:	SDR Transceiver Frequency 156-163 MHz Output power 1/12.5W (±1.5dB) Sensitivity < -111 dBm
■ Size:	237x70x170 mm	■ GPS:	50 Channels Frequency: L1(1575.42 MHz) Update rate: 1 Hz Antenna feed: 5 V DC
■ Weight:	2,20 kg	■ Accuracy:	Position <2.0 m DGPS (CEP) Position <2.5 m GPS (CEP) (SA off)
■ Power:	24VDC (12VDC) 17W avg consumption, 24W (48W) peak 1A (4A) peak current	■ Sensitivity:	Tracking -162 dBm Cold Start -148 dBm
■ 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		

### Box Content & Recommended Accessories

Purpose	Description	Prod. No.
<b>Box Content</b>	Nauticast A2 device, power cable, CD ROM, manual	100 1001
<b>Mounting</b>	Standard mounting bracket Gimbal mounting bracket	100 1005 100 1006
<b>Interface</b>	A2 interface cable with open ends Alarm relay	100 1003 100 1010
<b>Upgrade</b> (from previous Nauticast AIS SOLAS/Inland Models)	Retro fit frame drop-in mount Upgrade cable for VHF and GPS Set: Upgrade data cable / Inland Upgrade cable sensor / data only Upgrade cable Blue Sign only Interface cable for connection box	100 1052 100 1007 100 1008 100 1008-1 100 1008-2 100 1004
<b>GPS Antennas</b>	Procom GPS4 high quality GPS antenna Standard GPS Antenna with mount & 5m cable	100 1022 300 1002
<b>VHF Antennas</b>	Comrod AV7 Procom CXL 2-1/I N	100 1021 100 1035
<b>Combi Antennas</b>	Comrod AC17 with splitter AC Marine VHF/GPS-2 with splitter	100 1025 100 1027

### Inquiries & Orders

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