

**Fishermen's friend for
easy buoy locating!**



**160.9 MHz AMRD tracking system for
marking and locating buoys or other
floating objects.**

The easyTRACK-AMRD is designed to support finding gears easily working as an AMRD-B device running on 160.9 MHz.

Since 1st January 2025, the usage of Standard AIS trackers for fishing gear that transmit on AIS frequencies is forbidden and fined. All trackers in use have to fulfill the regulation ITU-R M.2135 (02/2023), AMRD Standard valid in any national waters as well as in international waters.

The easyTRACK-AMRD is your compliant device to locate fishing gear finder and other objects in the sea by having the exact position on your navigation screen. It is designed to the latest European standards and certified as an AMRD class B (Autonomous Maritime Radio Device class B)

Function

Attach the easyTRACK-AMRD to your fishing buoy and deploy your nets or fishing lines. The easyTRACK-AMRD transmits a position message on the frequency 160,9 MHz with 100mW transmission power, exactly to the conditions of the new ITU regulations.

As the message is not transmitted on the official AIS frequencies, a standard AIS receiver will not pick up the messages from the AMRD-B device. But with the new easyRX3-AMRD, you have one receiving channel set to 160,9 MHz and the messages from the deployed easyTRACK-AMRD are received and can be displayed on the chart plotter.

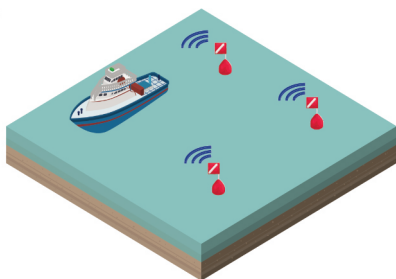
With the APP, the easyTRACK-AMRD can be parameterized via Bluetooth connectivity. You can give an individual name and also set the cycling time of the messaging which is decisive for the operation time of the easyTRACK-AMRD. With the time interval set to 3 minutes, the easyTRACK-AMRD will operate up to 7 days/168h.

The transmission power of the easyTRACK-AMRD is 100mW, according to the ITU standard. Due to the high quality of the transmission regarding modulation and frequency stability, the transmission range is approx. 5 nautical miles, depending on the height of the receiving antenna (typical 5nm with 10m high receiving antenna)

What is required to operate the easyTRACK-AMRD

Each buoy which is to be tracked must be equipped with one easyTRACK-AMRD. The charging station with intelligent power management ensures smart charging for longest batterie lifespan possible. The object-related data is programmed into the device by the customer administrator via app and Bluetooth connection.

As a receiver, you need to have the Weatherdock AIS receiver easyRX3-AMRD which is tuned to the special customized VHF frequencies used for the marking and locating.



Highlights

- ✓ 160.9 MHz AMRD-B portable VHF tracker
- ✓ System individualization and configuration via App
- ✓ 5 nautical miles transmission typical range (depending on hight of receiving antenna)
- ✓ Up to 7 days operating time (depending on transmission interval)
- ✓ Made in Germany

Content of Set

- ✓ Charging station
- ✓ App for programming (Other charging stations or programming stations can not be used!)
- ✓ 160.9 MHz tuned receiver easyRX3-AMRD to connect it to customary display devices
- ✓ Rigid special plastic buoy housing for rod mounting the tracker

Technical Data

- ✓ Transmission power: 0,1 W (acc. to standard)
- ✓ Frequency: 160.9 MHz (Channel 2006), 25 kHz channel spacing
- ✓ Operating temperature range: -20 °C to +55 °C
- ✓ Storage temperature range: -30 °C to +60 °C
- ✓ Waterproof up to 10 m depth
- ✓ Dimensions (L x W x H): 130 x 70 x 30 mm
- ✓ Weight: 250 g
- ✓ Part #A19307



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Stand: 10/2025 - subject to alterations

EXCELLENCE IN RADIO TECHNOLOGIES
Safety • Navigation • Tracking

