

TronTracker system

Fishing buoy tracker - receiver, tracker, charger and bracket



- Precise tracking for quick and easy gear retrieval
- Approved as a replacement for AIS buoys
- Reduces gear loss
- Saves fuel and lowers carbon emissions
- Supports sustainable fishing practices
- Compatible with major chartplotter systems

The TronTracker system

TronTracker is an innovative tracking system for fishing buoys, enabling precise and efficient equipment retrieval. Its integrated tracker and receiver system ensures accurate positioning, enhances safety, and optimizes resource management.

The TronTracker system is fully compliant with CEPT regulations under ECC/Dec (20)02, and operates as an AMRD-B device on 160.900 MHz.

This fishing buoy tracking system is the trusted and compliant alternative to the unauthorized use of maritime AIS tracking devices. Featuring the TA10 Tracker, it operates on the newly allocated 160.900 MHz (Channel 2006) frequency under the AMRD-B specification, ensuring full regulatory compliance and reliable performance.

Ideal for the fishing industry, TronTracker devices are commonly used for surface marking of fishing gear such as gillnets, longlines, crab pots, and Danish seines. The system is also approved for temporary surface marking, provided it does not compromise navigational safety.

The TA10 Tracker features a rechargeable lithium battery for long operations and reliable performance, even in low temperatures. It easily detaches for charging with the dual inductive charger BC10. The RA10 Receiver integrates directly with the vessel's plotter, showing the precise location of deployed fishing gear for easy tracking.

Any vessel with a TronTracker receiver can view fishing gear from other trackers on the same frequency. This fosters better collaboration, information sharing, and promotes reduced waste.

Flexible purchase options

The TronTracker system is available in the following configurations:

The TronTracker Package:

- 1 × RA10 Receiver
- 2 × TA10 Trackers with brackets
- 1 × BC10 Dual Charger

Customize your setup — components sold separately:

- RA10 Receiver
- TA10 Tracker with bracket
- BC10 Dual Charger
- Bracket Package (set of 5 brackets)

Features

- 160.900MHz AMRD-B tracker (TA10)
- Receiver with 12-24 VDC, LAN, and NMEA0183 interface (RA10)
- Inductive dual charger, 12-24 VDC (BC10)
- System configuration via TronTracker App
- 3-6 Nautical Mile detection range
- TA10 Tracker is waterproof to a depth of 100 meters
- 7 days of continuous operation (24/7)
- Easy-to-install receiver (RA10)
- Ready for use with OLEX, TelChart, Sailorsmate and Time Zero
- Robust bracket with safety pin





Technical specifications

RA10 Receiver	TA10 Tracker	BC10 Dual Charger	TA10 Tracker bracket
Dimensions: D: 177 mm, W: 146 mm, H: 42 mm	Dimensions: D: 78 mm, W: 77 mm, H: 260 mm	Dimensions: D: 84 mm, W: 166 mm, H: 96 mm	Dimensions: D: 100 mm W: 76 mm, H: 119 mm
Power 12-24 VDC, max 1A	RF power acc. to standard	Power 12-24 VDC, max 1,5A	Secure pin
	Depth-tested to 100 meters		

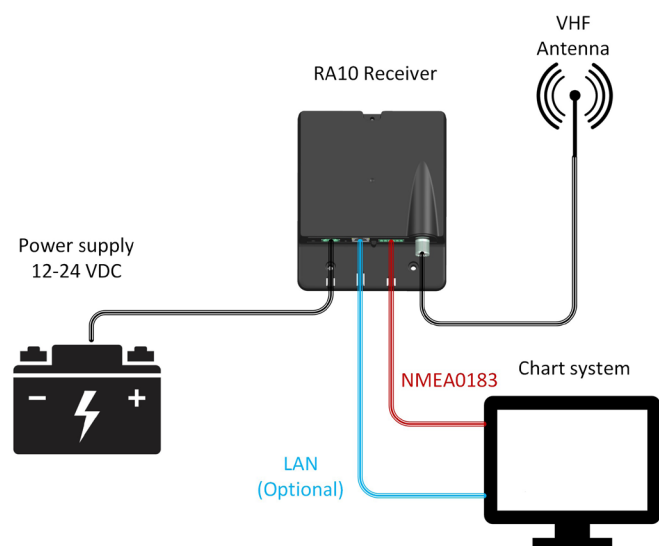
TronTracker APP

The configuration and setup of the TronTracker system are managed through the Jotron TronTracker App. The RA10 Receiver and TA10 Tracker connect seamlessly via Bluetooth technology.



TronTracker system

RA10 Receiver setup



Tested to meet:

RA10 Receiver:

IEC EN 62287-1: 2017 + AMD1:2022
EN 300 328 V 2.2.2
EN 50401:2017
EN 50663:2017
EN 60945 ed.4.0 (2002)
EN 301 489-1 V2.2.2
EN 301 489-3 V2.2.1
EN 301 489-17 V3.3.1
IEC 62368-1

TA10 Tracker:

EN 300 328 V2.2.2
ITU-R M.2135-1 (02-2023)
EN 303 413 V2.1.2
EN 50401:2017
EN 50663:2017
EN 60945 ed.4.0 (2002)
EN 301 489-1 V2.2.2
EN 301 489-3 V2.2.1
EN 301 489-17 V3.3.1
EN 301 489-19 V2.2.1
IEC 62368-1

BC10 Dual Charger:

EN 60945 ed.4.0 (2002)
IEC 62368-1

Approved:

