

Marine Emergency Tracking System

Marine 16



Designed for Tracking

SOS Signals
RF Transmissions
EPIRBs

Tracker's Marine Channel 16 hand held receiver is designed to listen to, and track, voice and distress signal transmissions. It is the most sophisticated voice and direction finding (DF) unit available today. The Marine Channel 16 features a fully synthesized FM receiver with EEPROM memory. For SOS signals, it can DF on the voice signal or open mike should EPIRB not be available or functioning properly.

The Marine Channel 16 is capable of monitoring and direction finding the 40 marine channels. Using the head phone jack the receiver can also record transmissions. These features will greatly assist in not only SAR work, but Law Enforcement applications.

**POWERFUL, CONVENIENT,
DURABLE**

Tracker's hand held receivers, including the Marine Channel 16, greatly simplify receiver operation allowing search crews to focus on locating the transmitter rather than operating the receiver.

Patented technology allows for antennas to be shorter than their electrical length. This permits the antennas to fold inward along the receiver creating a compact single unit comprised of a receiver and antenna. The receiver measures only 8¼" x 2" x 1¼" (with antennas folded) and fits into a leather holster that can be worn on a belt.

The LCD screen and back light allows daytime and nighttime use of the system. The system can be used either completely hand held or in a mounting bracket. The splash proof design protects the system from rain, sleet or snow, and the milled aluminum body protects the system from severe blows. In difficult situations with minimal visibility, the Marine Channel 16 provides SAR crews another locating tool for a reasonable price.

CUSTOMIZABLE

The Marine Channel 16 receiver is customizable for the user. Additional channels can be added as required by local operations. Each frequency is assigned a memory location number to facilitate operation.

European Office:

Ahventie 4a7
02170 ESPOO
Finland

Americas Office:

150 S. Adkins Way, Suite 100
Meridian, ID 83642
United States

Contact Information:

www.trackersecurity.com
sales@trackersecurity.com
+1 (888) 633-7985



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Bearing to the strongest signal can be detected either audibly or by viewing a graph on the LCD. Jacks on the base of the receiver permit the use of headphones and an external power (12 VDC) source (sold separately).

TRACKING OPTIONS

One of the many innovations of the Tracker receivers is the Automatic mode of setting the gain control. Unlike many other receivers with a wealth of dials and switches, the Tracker Marine Channel 16 allows the search team to concentrate on the signal when in Automatic Mode. The sophisticated electronics detect the signal strength and sets the gain at an appropriate level to detect bearing to the transmitter.

Manual mode is also available should the user desire to set the gain manually. A single button allows the user to toggle between the two modes.

RANGE

The Tracker systems are rated at 12 miles line of site. However there are numerous factors that can effect this range, such as: transmitter strength, and receiver antenna being used and atmospheric conditions.



Gain wheel

Light sensor for back light

LCD screen

Operating Buttons

Speaker

Headphone and DC power jacks