



DTI-300A Diver Acoustic Receiver



DTI-300A

SPECIFICATIONS

Passive Mode

Receiver Bandwidth 8 to 45kHz in 100Hz increments

Active Mode

Transmit Frequency 26 kHz

Receive Frequency 25,27,28,29,30,31,32,33,34 kHz

Acoustic Output 190dB

Acoustic Signal Coded

Acoustic Range 750 meters (2,461 ft)

Electronic Compass

Accuracy <0.5° to 1.5° RMS

Repeatability ± 0.3°

Display LCD

Graphic User Interface Range or Signal Strength, Compass Bearing, Bearing Indicator to Target, Channel Indicator, Low Battery

Battery Rechargeable

Operational Life 6 hours

Control Switches Sealed Piezoelectric

Depth Rating 100 m (328 ft)

Housing Delrin

Size 33cm (L) x 18cm (W) x 7cm (H) 13in (L) x 7in (W) x 3in (H)

Weight

In Air: 5 kg (11 lbs)

In Water: -0.185 kg (-0.5 lbs)

Specifications are subject to change without notice

- ◆ Tracks pingers and transponders
- ◆ Highly accurate
- ◆ Built-in electronic compass
- ◆ Marks targets covertly
- ◆ Easy to operate

The **DTI-300A** is a small, battery-operated acoustic receiver that can track and locate underwater acoustic beacons and certain transponders. It is ergonomically designed to be operated by a diver and uses an LCD display to provide navigation data. Sealed switches allow the diver access to the control and utility functions of the receiver. When operating in the Passive Mode, the DTI-300A can locate standard acoustic beacons operating between 8 to 45 kHz.

The DTI-300A display provides the operator with signal strength and bearing to the selected acoustic beacon. A built-in electronics compass provides additional directional support to keep the diver on course.

The DTI-300A is also able to track and locate transponders designed to work with the receiver. The ATT-400 transponder allows divers to mark targets underwater and relocate them up to 750 m (2,461 ft) away. Once an ATT-400 has been interrogated, the DTI-300A provides accurate range and bearing to the transponder, within 1 m (3 ft).

The ATT-400 can be



DTI-300A Display

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