



# 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.

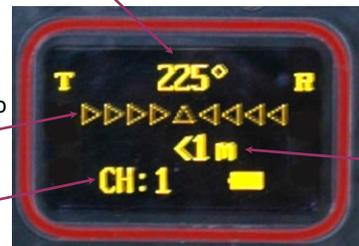
The DTI-300A display provides the operator with signal strength and bearing to the selected acoustic beacon. A built-in electronics compass provides additional directional support to keep the diver on course.

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 programmed to operate on eight (8) different channels. The DTI-300A can relocate nine different locations simultaneously.

Compass Heading

Bearing to Target

Channel Selection



Range to Target

**DTI-300A Display**

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