

# DTI-300A Diver Acoustic Receiver



- Tracks Pingers and Transponders
- Highly Accurate
- Built-in Electronic Compass
- Mark Targets Covertly
- Easy to operate

The DTI-300A is a small battery operated acoustic receiver that can track and locate underwater acoustic beacons and a unique family of acoustic transponders. It is ergonomically designed to be operated by a diver and uses a LCD display to provide navigation data. Sealed switches allow the diver access to control and utility functions of the receiver.

When operating in the passive mode, the DTI-300A can locate standard acoustic beacons that operate from 25 to 40Khz. The DTI-300A display provides the operator signal strength and bearing to the selected acoustic beacon. A built-in electronics compass provides additional directional support in keeping the diver on course.

The DTI-300A can also track and locate transponders, designed to work with the receiver. These transponders, the ATT-400, allow divers to mark targets underwater and relocate them up to 1000 meters (3330ft) away. Once a ATT-400 has been interrogated, the DTI-350FN provides accurate range and bearing to the transponder to within 1 meter (3ft). Because the ATT-400 can be program to operate on eight (8) different channels, the DTI-300A can relocate eight different locations simultaneously.

## SPECIFICATIONS

Passive Mode	
Receiver Bandwidth	25 to 40Khz in 1Khz Increments
Active Mode	
Transmit Frequency	26Khz
Receive Frequency	27,28,29,30,31,32,33, 34Khz
Acoustic Output	180db
Acoustic Signal	Coded
System Range	1000 meters (3330Ft)
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 Piezo-ceramic
Depth Rating	100m (330 ft)
Housing	Delrin
Size	30cm(L) x 16cm(W) x 9.5cm(H)
Weight	In Air: 2.9Kg (8 lbs.) In Water: -0.185Kg (-0.5 Lbs)

*Specifications are subject to change without notice*

Compass Heading

Bearing to Target

Channel Selection



Range to Target

**DTI-300A Display**

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