



SONOTRONICS

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UDR25 - Underwater Diver Receiver



The Sonotronics Underwater Diver Receiver (UDR) allows a diver to locate and approach any object in a marine environment previously marked with a Sonotronics equipment marker transmitter (EMT), as well as other manufacturers' compatible pingers.



Features

- The UDR is an easy to use unit allowing precise relocation of any object marked with an ultrasonic pinger. The UDR has a wide range of gain possible so objects far away can be detected, while precise positioning can be obtained in the immediate area, even under low visibility conditions.
- Underwater headphones are available as standard accessory, however optional Bonephones are available for diving with a hood or when headphones are not desired.
- The UDR has Pulse Interval Display capability, allowing detection of telemetry and ID intervals by the receiver, allowing discrimination of specific targets in environments containing large numbers of pingers.
- The UDR displays bars proportional to the strength of the incoming signal. This visual cue makes approaching pingers even easier..

Specifications:

Dimensions: Length: (From Display to outer rim) 16cm
Width: (At outer rim) 8cm
Height: (Bottom of Handle to top of unit) 18cm
Weight (Air): UDR: 544g, Headphones: 415g
Sensitivity: 10uV, (S+N)/N = 30dB
Frequencies: 30 to 83 kHz
Controls: Gain, volume, frequency
Autonomy: 10 hours on fresh battery charge
Depth Rating: 80m
**User can preprogram the unit before the dive for a variety of different applications.

Modular 'Front End'

The UDR allows connection to a variety of hydrophones, allowing use by both diver AND deck personnel.



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3169 S. Chrysler Ave. Tucson, AZ U.S.A. phone: (520) 746-3322 fax: (520) 294-2040