



# SONOTRONICS

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## UDR\_II 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. These objects include submersibles, water monitoring equipment, divers, or virtually any other underwater object. Applications include military, ocean oil drilling operations, surveying, and fisheries..

### Features

- The UDR\_II 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\_II 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\_II 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) 11cm  
Height: (Bottom of Handle to top of unit) 20cm  
Weight (Air): UDR: 900g, Headphones: 415g  
Sensitivity: 20uV, (S+N)/N = 30dB  
Frequencies: 30 to 90 kHz  
Controls: Gain, volume, frequency  
Autonomy: 8 hours on fresh battery charge  
Depth Rating: 100m  
\*\*User can preprogram the unit before the dive for a variety of different applications.

### **NEW: Modular 'Front End'**

The NEW UDR\_II 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