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UDR-kit

The UDR-kit contains all of the basic tools necessary for locating pingers from a surface vessel and while diving. This includes the UDR receiver, external hydrophone adapter, directional hydrophone and useful accessories, housed in a rugged Pelican case.



The UDR-kit includes:

- UDR Receiver
- UDR-BNC adapter
- DH-4 Directional Hydrophone
- Test Transmitter
- Waterproof Pelican Case
- Underwater headphones
- Auto Power Battery Cable

Description of the tools:

UDR: A narrow band Underwater Diver Receiver allows detection of transmitters from 30kHz to 90kHz, and displays the unique identification of individual transmitters. Transmissions from pingers are presented as an audio output and details displayed on the integral LCD. Several modes are available from detecting simple pingers, to decoding and displaying ACT coded transmissions and associated telemetry as well as R-code IDs. A received signal strength indication may be displayed to allow precise bearing to tagged equipment.

DH-4 hydrophone: A directional hydrophone designed to maximize range and provide directivity for locating transmitters.

Other Accessories: A test transmitter included in the kit allows the user to test the equipment and the environment to determine expected range. The headphones and speaker allow for different methods of listening for transmitters. The auto power battery cable allows for the UDR to be powered and charged by a 'cigarette plug' outlet, while the extra battery pack allows for longer use when internal power is used.

Options: External compass.

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