

The DRI-267 Dive Ranger employs advanced acoustic technology to guide users to underwater sites marked with underwater acoustic transponders. The system is highly accurate, rugged, and well-suited for hostile environments. Designed primarily for divers, the DRI-267 can also be converted to a surface unit using the optional ACU-266 Conversation Kit (see below).

Operation of the DRI-267 Dive Ranger is straightforward. The user or diver turns the unit on and chooses the proper channel to correspond with the transponder to be located. The area is then scanned by moving the Dive Ranger through the water while monitoring the LCD read-out. When the transponder comes within range, the Dive Ranger interrogates it and receives a reply. The LCD will then display the exact range in meters and bearing to the transponder target. Using phase-comparison technology, the bearing is indicated via the LCD readout which tells the operator if he is too far left or too far right of the target. Altogether, the LCD displays digital range in meters, directional indication, transmit and receive functions, low battery indication, and channel selection. The system is field-proven, quick, and efficient.

The Dive Ranger system comes complete with a compass, rechargeable battery pack with charger, spare parts kit, operator manual, and water-tight, shock-proof carrying case.

- Can locate up to 7 different transponders
- Displays range and bearing
- Can be expanded to surface use
- Includes Compass



*LCD displays range in meters, directional bearing, transmit and receive functions, channel selection, and low battery indicator.*

### Specifications

Transmit Frequency:	26 kHz.
Acoustic Source Level:	184 dB re. 1mPa @ 1 meter.
Transmit Repetition Rate:	1 pulse/sec. or 1 pulse/2 sec. (user selectable).
Transmit Pulse Length:	5.0 ms.
Receive Frequency:	25, 27, 28, 29, 30, 31, 32 kHz (user selectable).
Hydrophone Sensitivity:	-190 dB re 1mPa @ 1 meter.
Turn-around Time:	20 ms.
Receive Beam Width:	±15°.
Power Source:	10.8V rechargeable NiCad battery pack.
Battery Life:	12 hours between charges.
Charger:	110VAC (110/220V transformer optional).
Range:	Maximum 1000 meters.
Operational Depth:	600 ft. (183m).
Weight in Air:	7.5 lbs. (3.4 kg).
Housing Material:	PVC.
Housing Dimension:	Length, 12.0 in. (30.5 cm). Diameter, 4.5 in. (11.4 cm).



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