



PINGER RECEIVER LOCATION SYSTEMS

The DPR-275 Diver Operated Pinger Receiver is extremely rugged, reliable, and intended for use in the hostile marine environment. Used by both military and commercial customers worldwide, the DPR-275 can track and locate any underwater acoustic beacons operating between 5 to 80 kHz.

The DPR-275 Diver Pinger Receiver can be converted to operate from the surface quickly by removing the hydrophone for the DPR-275 and attaching it to the adjustable surface hydrophone assembly. The hydrophone's sensitivity and directionality allows the operator to swiftly and effectively navigate a vessel to any beacon source. Converting the DPR-275 back to a diver configuration completes the recovery operation.

The PRS-275 Pinger Receiver System consists of the DPR-275 Diver Pinger Receiver, Surface Hydrophone Housing, Staff Assembly, Underwater Headset, and Carrying Case.



DPR-275

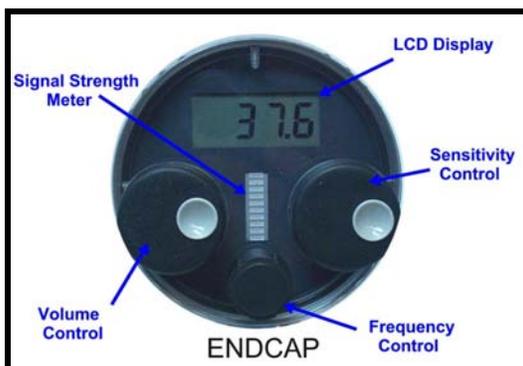


PRS-275

SPECIFICATIONS

Frequency Range	5 to 80 kHz
Bandwidth	1 kHz
Sensitivity	80db
Hydrophone Directivity	Typically 30° at 3db Limits
Transducer Beam Pattern	30° @ 27Khz 25° @ 37.5Khz
LCD Display	Frequency and Low Battery Indication
LED Display	Signal Strength Meter
Power Source	Two Alkaline "C" Cells
Battery Life	30 Hours
Hydrophone Staff Assembly	PVC, Length 5Ft, (152cm)
Hydrophone Cable Length	20ft (6m)
Operating Depth	660 ft (200 m)
Weight in Air	6.5 lbs (2.9 kg)
Weight in Water	12 oz. (190 gr)
Housing Material	Corrosion Resist Aluminum
Housing Dimension	Length 9.75 in. (24.8 cm) Diameter 4.5 in. (11.4 cm)

Specifications are subject to change without notice



Operating the DPR-275 is simple!

- 1 The diver tunes in the frequency of the beacon to be located and adjusts the volume and sensitivity controls to the maximum position.
- 2 Then, the operator scans the area by moving the DPR-275 through the water while listening for the beacon's signal and monitoring the signal strength indicator.
- 3 Once a signal is detected, the operator adjusts the sensitivity control for optimal directionality to determine the pingers true bearing and then moves in the direction of the strongest signal.

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