



# PRS-275 Pinger Receiver System

- ◆ **Diver and Surface Combined**
- ◆ **5 to 80 kHz Bandwidth**
- ◆ **3 Meter Adjustable Staff Assembly**
- ◆ **Built-in Compass**

The new **PRS-275** Pinger Receiver System is rugged, reliable, and intended for use in a hostile marine environment. RJE's extensive background allowed it to design a pinger receiver system that will provide years of operation both above and below the surface. Using digital signal processing, the receiver can track and locate any underwater acoustic beacon operating between 5 to 80 kHz. Rechargeable batteries provide up to eight hours of continuous use.

The PRS-275 uses a highly sensitive directional hydrophone which allows the operator to hone-in on a beacon's acoustic signal from up to 1,200 meters away (37kHz/162.5dB source). The acoustic receiver, the **DPR-275**, is designed to be used by a diver to depths of 200m. A separate directional hydrophone with adjustable staff assembly allows the diver receiver to be converted for use on a small boat or platform.

When the hydrophone of the PRS-275 is pointed in the direction of an acoustic beacon the unit generates an audio tone through a waterproof headset providing the necessary feedback for relocation. To backup the audio tone, a signal strength meter provides additional feedback to the location of the beacon.

RJE International has been supplying both military and commercial customers worldwide with acoustic receivers to assist in locating and recovering assets underwater for over 25 years. Contact RJE International for all of your underwater recovery needs.



## PRS-275

### Pinger Receiver System includes:

- **DPR-275 Diver Pinger Receiver**
- **Waterproof headset**
- **Surface directional hydrophone with 3 meter staff assembly and cable**
- **Battery charger**
- **Storage case**

### ***SPECIFICATIONS***

Frequency Range:	5 to 80kHz
Bandwidth:	1 kHz
Hydrophone Directivity:	Typically 30°
Transducer Beam Pattern:	30° @ 27kHz 25° @ 37.5kHz
LCD Display:	Frequency
LED Display:	Signal Strength Meter
Low Battery:	LED
Compass:	Analog on Housing and Staff Assy
Power Source:	Rechargeable Battery
Battery Life:	8 Hours
Hydrophone Staff Assy:	Anodized Aluminum, 10ft (3m)
Hydrophone Cable:	20ft (6m)
Operating Depth:	660ft (200m)
Weight in Air:	4.5lbs (2.0g)
Weight in Water:	12oz (190gr)
Housing Material:	Corrosion Resist Delrin
Housing Dimension:	Length 10.0in (25.4cm) Diameter 4.0in (10.4cm)

*Specifications are subject to change without notice*



## RJE International, Inc.

15375 Barranca Pkwy, Suite I-112, Irvine, CA 92618  
Tel: 949-727-9399, Fax: 949-727-0070  
[www.rjeint.com](http://www.rjeint.com) Email: [sales@rjeint.com](mailto:sales@rjeint.com)