



# PRS-275 Pinger Receiver System



## PRS-275

### **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 & Staff Assembly  
**Power Source:** Rechargeable Battery  
**Battery Life:** 8 Hours  
**Hydrophone Staff Assembly:** 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*



*Staff Assembly & Cables and Headphones with DPR-275  
(Included with PRS-275 Pinger Receiver System)*

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

The PRS-275 Pinger Receiver System is rugged, reliable, and intended for use in a hostile marine environment. 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 8 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 receiver to be converted for use on a small boat or platform.

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

### **RJE International, Inc.**

15375 Barranca Parkway, Suite I-112, Irvine, CA 92618  
949-727-9399 | Sales@RJEInt.com | RJEInt.com