



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)



Staff Assembly & Cables and Headphones with DPR-275

- ◆ **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

RJE International, Inc.

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