



JW FISHERS MFG INC

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TECHNICAL DATA SHEET



PR-1 Pinger Receiver

The PR-1 is an highly advanced pinger receiver that will quickly locate any pinger operating from 3 - 97 kHz. It can be operated as a diver-held receiver or, with the optional connector and boat deployment kit, can be deployed from a boat.

The system is easy to operate. The receiver is tuned to the desired pinger frequency and the diver scans the area. When the diver points the receiver in the direction of the pinger, the acoustic signal from the pinger is heard in the earphone and the LED light bar flashes that the pinger has been detected. The sensitivity of the receiver is then reduced and the diver looks at the compass mounted on top of the receiver to see the exact heading to the pinger.

As the diver swims closer to the pinger, the audio tone gets louder and the light bar flashes more LEDs, indicating the received signal is getting stronger.

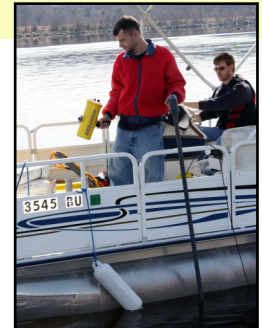
If more than one pinger is operating in the area, the diver can switch the receiver tuning (illuminated digital readout) to the new frequency and repeat the above procedure.

The receiver is powered by a NiCad battery pack that will operate for 30 continuous hours before needing recharging. Charger is included and operates from 120 volts AC. An optional 220 VAC to 120 VAC transformer is available.

Fishers pinger receiver is built for rugged operation and is covered by our 2 year exclusive, UNCONDITIONAL warranty.

- **LOCATES PINGERS FROM 3kHz to 97kHz**
- **DIGITAL READOUT SHOWS FREQUENCY OF PINGER**
- **BUILT-IN COMPASS PROVIDES HEADING OF PINGER**
- **EARPHONE AND LIGHT BAR SHOW SIGNAL STRENGTH**
- **RECHARGEABLE BATTERIES**
- **DIVER-HELD OR BOAT DEPLOYED**
- **330' (100m) OPERATING DEPTH**
- **2 YEAR WARRANTY**

Boat Deployment Kit includes hydrophone with 30 feet of cable, four poles, handle with compass (7 feet long), and carry case.



Diver deployed or using the Boat Deployment Kit (see above)

Specifications

PERFORMANCE/DESCRIPTIONS:

- Frequency - 3 kHz to 97 kHz
- Bandwidth - 2 kHz
- Directivity (typically) -30 degrees
- Batteries - NiCad rechargeable (30 hrs. of operating time)

DIMENSIONS/WEIGHTS:

- Housing - 4.5"D x 12"L - 7 lbs. in air & 4 oz. slightly negative in water
- Boat Deployment kit - 1.5"D x 7'L - 15 lbs.
- Shipping crate - 18" x 13" x 8" - 10 lbs.
- Shipping crate w/ carry case - 27" x 23" x 12" - 30 lbs.
- Shipping Boat Deployment kit - 27" x 23" x 12" - 25 lbs.

MATERIALS/COLOR:

- Housing - High impact PVC / yellow & black

OPTIONS

- Dual underwater earphones
- Boat deployment kit
- 220 VAC transformer for charger (Europe)
- Hard Carry case
- 660' (200m) depth rated housing

