

Technical Specifications

Receiver

Construction	High impact thermoplastic weatherproof to NEMA 3R and IP54 (base to top of main housing to IP67).
Ruggedness	Withstands 1 m (3 ft) drops onto concrete.
Dimensions	100 x 65 x 30 cm (39.3 x 25.5 x 12 in.).
Shipping Box Size	123 x 39 x 27 cm (48.4 x 15.4 x 10.6 in.).
Weight	4.5 kg (9.9 lb).
Shipping Weight	7 kg (15.4 lb).
Operating Frequencies	8.4kHz and 33.725kHz (PDF) or 32.768kHz (SDS)
Locate Accuracy	±5% of DataSonde depth.
Depth Accuracy	±5% to 10 m (32 ft) reducing to ±10% to 35 m (100 ft).
Depth Range	0.2m - 35 m (1 - 100 ft).
Remote Steering Range	DataSonde depth at 3-5m (9-16ft) = Range 25m (82ft) DataSonde depth at 5-25m (16-82ft) = Range <25m (82ft) reducing linearly with DataSonde depth
Visual Indication	Liquid Crystal Display indicating the following on various screens: DataSonde Roll Position DataSonde Tilt Angle DataSonde Depth Left/Right Arrows Forward/Backward Arrows Compass (to DataSonde) Operating Frequency Receiver Battery Status DataSonde Temperature DataSonde Battery Status Signal Strength (Manual Mode)
Audio Indication	Audio signal output through waterproof sounder.
Search Antennas	1 x vertical, board mounted. 1 x horizontal transverse, board mounted. 2 x horizontal in-line, 60 cm apart, outrigger mounted.
Gain Control	Automatic gain control.
Batteries	6 x LR14 (C) 1.5 V alkaline. 12 hours life, nominal @ 20°C (68°F) intermittent use. 8 hours life, with Backlight (25% On:Off duty cycle). Rechargeable Battery Pack. 5-7 hours life, nominal @ 20°C (68°F) intermittent use.
Operating Temperature Range	-20°C to +50°C (-4°F to +122°F).
Compatibility	Precision Dual Frequency (PDF) and Short Range (SDS) DataSondes.

