

Battery Sonde



WARNING!
Read the instructions and warnings of all equipment before use. Failure to understand and follow warnings and instructions may result in electrical shock, fire and/or serious personal injury.

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Description

The NaviTrack Battery Sonde is a powerful, miniaturized transmitter that can be installed at the end of a fiberglass push cable, duct rod, or sewer cable. The NaviTrack Battery Sonde transmits a 512 Hz signal that can be picked up with any compatible RIDGID-SeekTech locator which allows users to pinpoint the transmitter's position underground.

Operating the Battery Sonde with a Push Cable

To install the NaviTrack Battery Sonde transmitter onto a push cable, screw the threaded end of the battery cover onto the end of the push cable. Tighten with pliers to ensure sure it does not disconnect or loosen during use.

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Specifications	
Weight with battery	3.5 oz [100 g]
Size:	Length 2.92 in [7.42 cm]
	Width 0.9375 in [2.38 cm]
Operating frequency	512 Hz
Frequency tolerance	± 30 – 50 ppm (0.00005 Hz)
Current draw tolerance	± 0.015 A
Mounting threads	¼" – 20
Typical Maximum Detection Range*:	
In air	25 ft [7.6 m]
In cast iron	15 ft [4.6 m]
Typical Interference sources	ductile iron, cast iron, wet salt laden ground
* Varies with ambient noise and interference	

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Battery Installation



Unscrew the battery cover and insert a new AAA alkaline battery, positive end first, as shown on the label.

Battery Specifications	
Battery type	one AAA alkaline
Recommended battery type	Duracell MX 2,400 AAA cells (M3 Ultra)
Operating temperature	–4°F to 130°F [–20°C to 54°C]
Expected life with recommended battery type	3.5 hours at 70°F [21°C]

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Operating Instructions



To turn the transmitter **ON**, fully tighten the battery cover. The LED will flash when the transmitter is ON.

To turn the transmitter **OFF**, loosen the battery cover ¼ turn. The LED will stop flashing when the transmitter is OFF.

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Status LED

When the transmitter is ON, the red LED will flash slowly. When there is not enough power for proper operation, the red LED will flash rapidly. If the LED does not flash, or if it flashes rapidly, replace the AAA battery.

Red Status LED



Support

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