NaviTrack® 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.

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 locator which allows users to pinpoint the transmitter's position underground.

Battery Installation

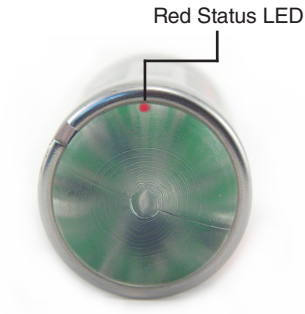
Unscrew the battery cover and insert a new AAA alkaline battery, positive end first, as shown on the label.

Turning the Transmitter ON and OFF

- 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 ¾ turn. The LED will stop flashing when the transmitter is OFF.

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.



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.

NaviTrack Battery Sonde Specifications	
Weight:	
with AAA alkaline battery	3.5 oz [100 g]
Size:	
Length	2.92 in [7.42 cm]
Width	0.9375 in [2.38 cm]
Typical Maximum Detection Range*:	
In air	25 ft [7.6 m]
In cast iron	15 ft [4.6 m]
Operating Frequency	512 Hz
Frequency Tolerance	± 30 – 50 ppm (0.00005 Hz)
Current Draw Tolerance	± 0.015A
Mounting Threads	¼" – 20
Battery:	
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]
Typical Interference sources	ductile iron, cast iron, wet salt laden ground

* Will vary with ambient noise and interference

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