

## **FCC Statement**

This device complies with Part 15 of the FCC Rules. Operation subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by manufacturer could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the operator's manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

## **150 Sonde**

The 150 Sonde is designed to trace the path of or locate blockages in metallic, non-metallic pipes or conduit. The sonde is a watertight transmitter that can maneuver through 90° turns in 1.5" inch (38 mm pipe).

This sonde can be used with the Schonstedt Model XTpc, TraceMaster and XT-512 locators. (The XTpc and TraceMaster must be factory programed to locate this sonde).

## Power

**Operating frequency:** 512 Hz

**Batteries:** one "N" alkaline

**Battery life:** 4-6 hours continuous use @ 70°F (21°C)

## Miscellaneous

**Operating temperature range:**  
-4°F (-20°C) to 122°F (50°C)

**Attachment thread size:**  
1/4-20 UNC thread

## Inspect Components

- Check battery condition with voltmeter prior to using sonde to make sure battery has enough charge to complete the job. Sonde performance will be adversely affected if battery charge is weak.
- Ensure that battery are properly inserted into battery chamber.

## Install Battery

1. Unscrew cap.
2. Insert one "N" alkaline battery as shown.
3. Hand tighten cap firmly.



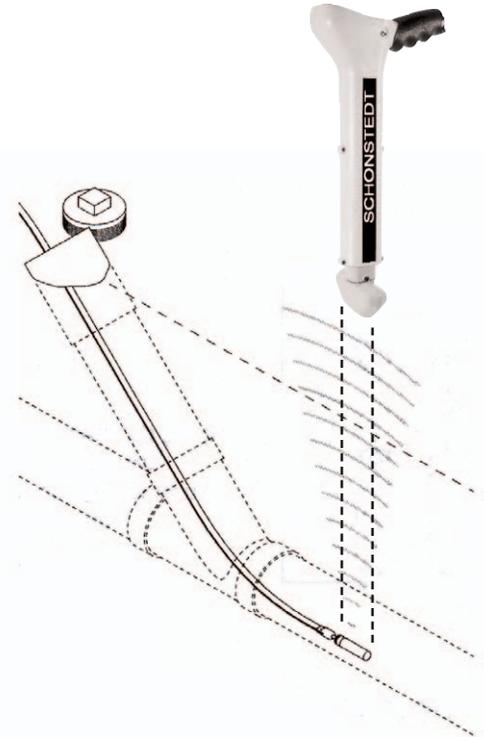
## Test Operation

Use a receiver to test sonde function before leaving for jobsite and after every battery change. To test sonde function:

1. Turn on receiver
2. Select sonde mode, if necessary, and proper frequency.
3. Check display for signs of sonde presence.

## Operating Tips

- For best results, keep sonde stationary when locating signal.
- Ensure receiver and sonde are aligned as shown.



## Attach Sonde to Cable or Rod

1. Attach cable or flexible rod to sonde.
2. Insert sonde and cable or rod into pipe.

**IMPORTANT:** minimum pipe size is 1.5" (38 mm) drain pipe.

## Clean and Store Components

When finished using sonde,

- thoroughly wash cable or flex rod and sonde housing,
- remove battery,
- dry sonde.

This unit is covered by one or more of the following patents: **US** 5,850,624; 5,872,703; 5,880,680; 7,150,331; **UK** 0846841.