

# PL-1500 HIGH & PL-1500 LOW Pipe & Cable Locators

## PL-1500 Quick Reference Guide

### Transmitter Operation



Inductive Mode: Set the transmitter on the ground directly over the pipe or cable.



Direct Connection Mode: Attach the Red (positive) Direct Mode clamp directly onto the metal pipe (or metal wire) and attach the Black (negative) Direct Mode clamp onto the Ground Stake.



Wrong Way



Right Way: Facing in direction of pipe or cable



Connect the wires at the transmitter



Clean off rust and old paint for a good connection.



Place the Ground Stake 5 to 15 feet from the side of the conductor

Control Panel for PL-1500 HIGH Transmitter:



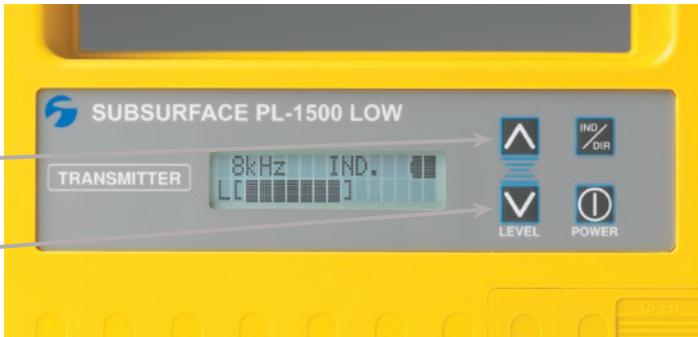
Inductive Mode / Direct Mode Switch

ON / OFF Power Switch

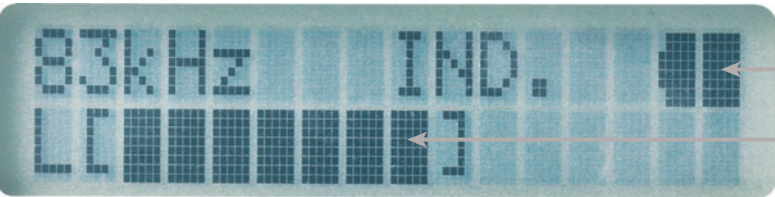
Increase Output Power

Decrease Output Power

Control Panel for PL-1500 LOW Transmitter:



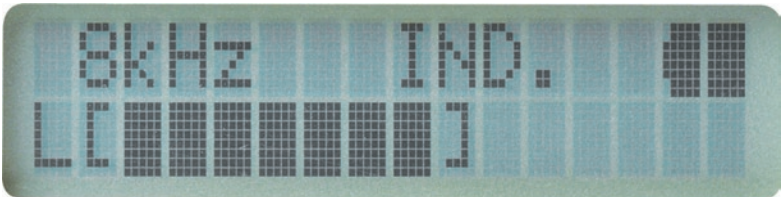
Inductive Mode for PL-1500 HIGH:



Remaining Battery Life

Output Power Level

Inductive Mode for PL-1500 LOW:



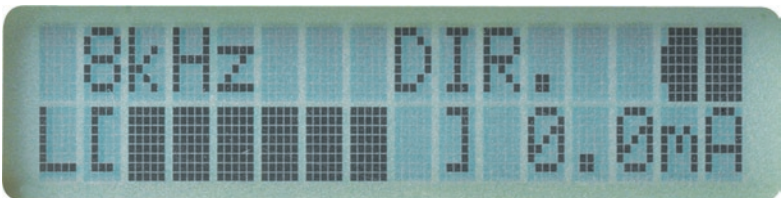
Connection Jack for Direct Mode

Open Battery Compartment with 8 "D" cell batteries

Connection Jack for external 12 volts battery



Direct Connection Mode for PL-1500 LOW:



If the Output Current, measured by the transmitter is low, then increase the Output Power Level, move the Ground Stake, or improve the contact between the Red clamp and the conductor.



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### Receiver Operation



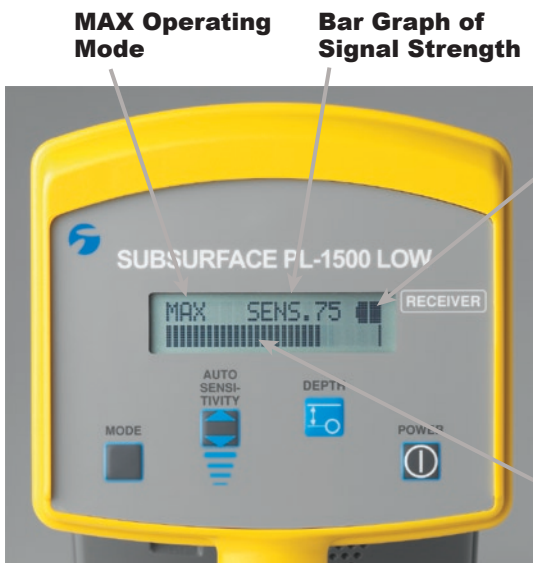
The audio's loudness and MAX mode Bar Graph reach their peaks directly over the pipe or cable.



Press the Power Key to turn the receiver ON or OFF. Press the Depth Switch to measure the depth of the pipe or cable.



Press the Mode Switch to select the MAX mode, The Live Cable / 50 Hz mode, or the Live Cable / 60 Hz mode. Press the Auto Sensitivity switch whenever the sensitivity needs to be increased or decreased.



The Max Operating Mode is the normal locating mode, and the Depth Switch only works with MAX.



Press the Depth Switch, and the depth (to the center of the pipe or cable) is displayed in inches. The maximum depth is 16 ft.



Remaining Battery Life

As you get closer to the pipe or cable, the signal gets stronger and the Bar Graph becomes longer. When it reaches it's highest level, press the Auto Sensitivity switch, and the Bar Graph will reduce its level.

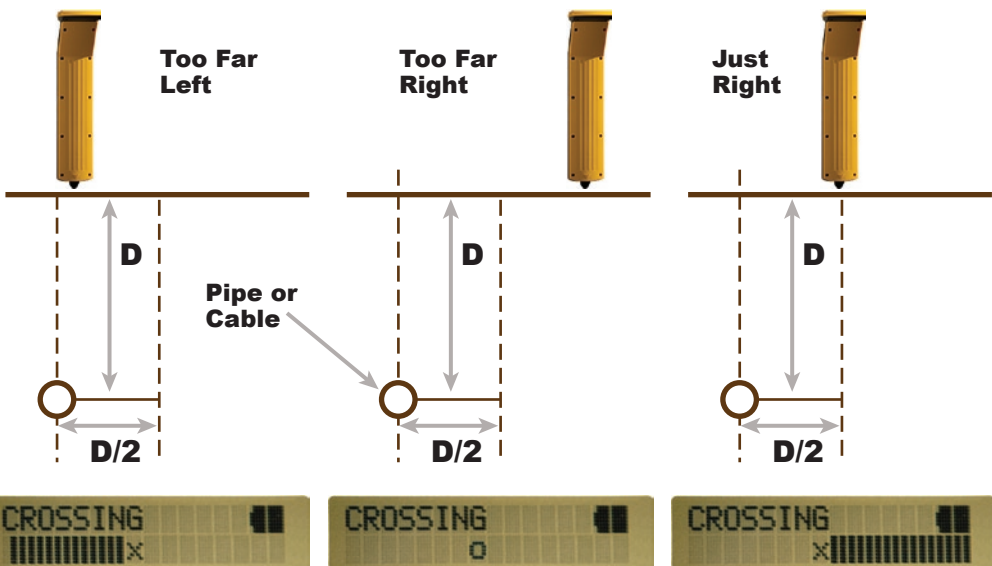
Bar Graph of Signal Strength

Live Cable / 60 Hz Operating Mode



The Live Cable/ 60 Hz Operating Mode locates AC power lines with current flowing. The Depth does not work in Live Cable.

Press the Depth Switch again, and the "Crossing" method for measuring depth is activated:



Move the receiver to the side of the pipe or cable until the "o" appears. The lines depth is twice the distance from here to the point over the top of the line.