

LD-15 Professional's Leak Survey Instrument

LD-15 Quick Reference Guide

Operating Instructions

1. The LD-15 Professional's Leak Survey Instrument is primarily designed for water leak "surveys," the term used for listening for water leaks at hydrants, meters, and valves:



Surveying at a meter with the optional contact rod



Surveying at a hydrant with the sensor and magnet



Pinpointing directly over the pipe with the LD-15's base plate

3. The LD-15 includes standard accessories and optional accessories for water leak surveying and pinpointing:

Standard Accessories

- 1 Amplifier with Meter Display and Filter Controls
- 2 Padded Case and Standard Belt (40 inches)
- 3 High Sensitivity Sensor and Cable
- 4 Base Plate for Listening on Street Surfaces
- 5 Aviation-Grade Stereo Headphones
- 6 Heavy-Duty ABS Plastic Carrying Case

Optional Accessories

- 7 40 inches Long Contact Rod (not shown)
- 8 60 inches Long Contact Rod (not shown)
- 9 Large Size Belt (50 inches)
- 10 Extra Large Size Belt (60 inches)



4. The Amplifier has a large Meter Display, Volume Control, Mute Switch (also serves as ON/OFF), and Filter Range Switch:



Use the Meter Display to compare the loudness of leaks at different locations.

6. Turn down the Volume Control before pressing the Mute Switch. With the Mute Switch depressed, adjust the Volume Control to hear the sounds comfortably.



There are two Filter Ranges:

- High: 30 Hz to 5000 Hz
- Low: 30 Hz to 800 Hz

Use the High Range for water leak surveying and the Low Range for water leak pinpointing.

5. The LD-15 requires 4 "C" size batteries:



With alkaline batteries, normal life is 80 hours.