

LD-18 Digital Water Leak Detector

LD-18 Quick Reference Guide

Operating Instructions

- The LD-18 Digital Water Leak Detector is primarily designed for water leak “pinpointing,” the term used to describe the task of finding the exact location directly over a leak in a pressurized water pipe:



Listening with the LD-18 directly over the pipe



Listening at different spots to detect differences in loudness of the leak

- The LD-18 has both Standard Accessories and Optional Accessories:



Standard Accessories

- Amplifier with LCD Display, Controls, and USB Connection (to PC Computers)
- Padded Case for Amplifier
- 40 inches Belt (50 inches and 60 inches Optional)
- Ground Microphone and Handswitch
- Magnet Base and Nutdriver
- Heavy-Duty ABS Plastic Carrying Case
- Aviation-Grade Stereo Headphones
- PC Software and USB Cable

Optional Accessories

- Sensor with Strong Magnet and 9.75 ft. Cable (to listen at valves and hydrants)

- Controls and switches for the LD-18 digital amplifier:



- Adjustments in the field:

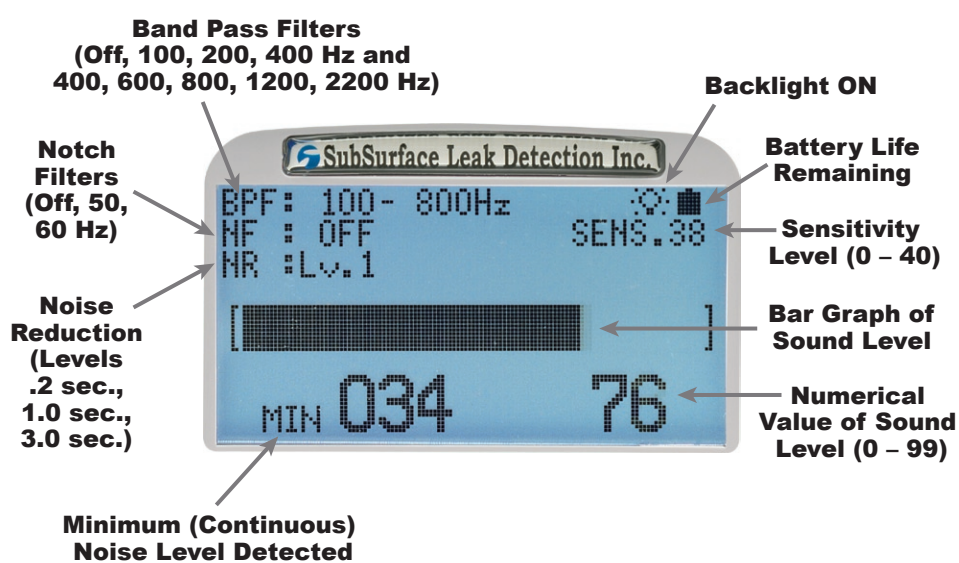


Use the Sensitivity Control to adjust the Sensitivity Level. Adjust so the Sound Level is between 30 – 70, and sounds are clearly heard in the headphones.



Use the LO Filters Control to remove extraneous continuous noises from motors, wind, and highways.

- Amplifier’s LCD Display screen for listening and pinpointing:



Release the Mute Switch when moving the Ground Microphone. Press the Mute Switch to listen.



Listen at each spot over the pipe for 30 – 60 sec. or longer. Are there leak sounds or not?