Ground Miking with the LD-12 to Pinpoint the Leak
LD-12 PROFESSIONAL’S WATER LEAK DETECTOR

Standard Items
1 Amplifier with Meter Display and Filter Controls
2 Ground Microphone and Handswitch
3 Aviation-Grade Stereo Headphones
4 Heavy-Duty ABS Plastic Carrying Case

Features
• Large meter display (with backlight) of sound loudness, allowing the user to pinpoint the exact leak location.
• Light weight amplifier, weighing only 31 ounces, with a padded carrying case and a strap.
• Six selectable filters, split into three “low side” filters (100Hz, 200Hz, or 400Hz) and three “high side” filters (600Hz, 800Hz, or 1200Hz).
• “Limiter” switch which cuts off all loud noises greater than 110dB. If you drop the sensor, you won’t hurt your hearing.
• “Filter-Thru” switch, which turns OFF all of the amp’s filters, allowing the user to hear all sounds from 50Hz to 15,000Hz.
• High-sensitivity ground microphone and low “electronic noise” amplifier combine to offer the very best quality sound for leak detection.
• Three accessories for attachment to the sensor:
  • Ground plate for pinpointing on streets/slabs
  • Magnet base for surveying at hydrants/valves
  • Contact rod for surveying at meters/fittings

Specifications
Amplifier
• Input Impedance : 50k ohms
• Output Impedance : 15 ohms
• Amplification : 62 dB +/- 3dB
• Frequency Range : 1) 100Hz to 1200Hz
  (13 dB) with Filter-Thru OFF
  2) 15Hz to 30,000Hz
  (13 dB) with Filter-Thru ON
• Power : 6 AA dry cell batteries
• Power Consumption : 1) 70 mA or less with backlight ON
  2) 35 mA or less with backlight OFF
• Battery Life : 1) 28 hours with backlight OFF
  (alkaline cells)
  2) 14 hours with backlight ON
  (alkaline cells)
• Weight : 31 ounces (885 g)
• Size : 6.7” x 2.8” x 4.1”
  (170mm x 70mm x 103mm)

ABS Carrying Case
• Weight (full) : 15 lb. (6.81 Kg)
• Size : 18.5” x 14.6” x 7.5”
  (470mm x 371mm x 190mm)

Standard Accessories
5 Magnet Base
6 3-Section Contact Rod
7 Nut Driver (to remove base)
8 Instruction Manual (not shown)

SubSurface Leak Detection, Inc.
4040 Moorpark Avenue, Suite 104
San Jose, CA 95117
(408) 249-4673 (Phone), (408) 249-9653 (Fax)
www.subsurfaceleak.com