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**SUBSURFACE
INSTRUMENTS, INC**

MODEL LD-12 PROFESSIONAL'S WATER LEAK DETECTOR

855-422-6346 toll free
www.ssilocators.com



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



Standard Accessories

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

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" (17.0cm x 7.1cm x 10.3cm)

ABS Carrying Case

- Weight (full) : 16.4 lb. (7.43 Kg)
- Size : 18.5" x 14.6" x 7.5" (470mm x 371mm x 190mm)

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