

LD-12 WATER LEAK DETECTOR



STANDARD ITEMS

- 1 3 section contact rod
- 2 Amplifier
- 3 Ground mic & hand switch
- 4 Magnet base
- 5 Stereo headphones
- 6 Nut driver



FEATURES

- Large meter display (with back light) 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”w x 2.8”h x 4.1”d (170mm x 71mm x 103mm)

ABS CARRYING CASE

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



AMPLIFIER WITH METER DISPLAY AND FILTER CONTROLS

AMPLIFIER CONTROLS

- Power ON/OFF Switch
- Battery Indicator
- Adjustable Filter buttons
- Headphone Jack
- Sensor Jack
- Meter Display
- Volume Control
- Display Light Switch



Includes:
ABS custom carrying case
Instruction manual

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