

# Digital Leak Detector (DLD) Guide

## DLD Quick Reference Guide

This quick reference guide provides at-a-glance information for operating the Digital Leak Detector.

### DLD Operation



#### Listen Button

Press **Listen**. The DLD audio processor turns on and listens for sound from the accelerometer.

#### Volume Button

Press **Volume**. Volume level range is 1 to 29. (Default is 15.) To select the desired volume:

- Press once to increase the sound by one step.
- Hold down the Volume button to increase DLD volume to the desired level.

#### Power Management

The DLD automatically turns off if a button is not pressed for 90 seconds.

#### Filters Button

Press the **Filters** button to select the desired precision filter setting:

- **SEr** Service lines
- **Con** Hydrants, valves, etc.
- **SUR** Survey work (default)
- **OPn** No filter settings
- **Gnd** Ground listening all surfaces (asphalt, soil, etc.)

#### DLD Settings

Setting	Frequency (Hz)
Open	100 - 1800
Ground	100 - 400
Service	250 - 800
Contact	300 - 1800
Survey	150 - 750

#### Leak Analysis

While listening, the LCD shows the Leak Analysis number (the detected leak sound level).



Pressing **Listen** again, resets the Leak Analysis number.

### DLD Audio Processor Connections



1. Headphone Jack



2. Accelerometer

3. Battery door (requires 2 AA alkaline batteries)

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### DLD Components and Accessories

Accessory	Part Number
DLD Audio Processor	DLD-1000-001
Headphones, Sennheiser HD280	HDP-001
DLD Ground Listening Stick Assembly	DLD-009
DLD Ground Spike/Probe Assembly	DLD-027
DLD Accelerometer	DLD-028
DLD Magnet Assembly	MAG-0006-001
Case, DLD 8 AA cell battery holder	BAC-009
DLD Accessories Kit	DLD-031
Bag, DLD audio processor	BAC-006
Battery, alkaline 1.5V AA	BAT-007
Battery Case	BAC-009
Vest, TSA yellow velcro XL	ACS-002
DLD Equipment Case	BAC-007



DLD Ground Listening Stick Assembly



Ground Spike/Probe Assembly



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