

Digital AMR/AMI - Noise Logger

Special features

- Leak listening device for reliable and safe leak detection
- Provides level and frequency to AMR/AMI transmitter
- Uses 3 wires, industry standard protocol
- Protection class IP68
- Simple operation

Description

The Leak Spy is a top of the line noise logger designed for acoustic zone monitoring. A 6 digit standard industry protocol enables a connection to AMR/AMI meter transmitters.

This device performs level and frequency analysis. The leak noise level is measured from 0dB to 60dB. The leak noise frequency between 1Hz and 2,500Hz. While being programmed, the Leak Spy uses local computer date and time and is equipped with a smart "ON" - "OFF" switch for ease of use. The device is suitable for use on all types of pipe material, including plastic pipes.

The compact noise logger can be installed permanently or temporarily for pipe network analysis.

Programming Unit

- USB to standard AMR interface
- Runs on Windows operating systems (XP and higher)
- Easy to operate

Data Receiver

(please contact your Local AMR provider)

- Displays ID, level and frequency
- Leak evaluation on receiver possible



Technical data

Noise Logger	Piezzo sensor with active amplifier
Interface to AMR/AMI Transmitter	Standard, 3 wired, serial AMR interface and plug
Communication Protocol	Standard, 6 digit AMR protocol
Listening Bandwidth in Hz	1 - 2,500 Hz (Important on plastic and metal pipes)
Listening Max. Amplitude (dynamic)	60dB
Cable	10ft standard – male end – no pins
Power Supply	Internal batteries - replaceable
Battery Life	Up to 8 years
Protection Class	IP68 (Waterproof)
Operating Temperature	-4 °F to 140 °F (-20 °C to +60 °C)
Storage Temperature	-13 °F to 158 °F (-25 °C to +70 °C)
Dimensions	5.5 x 1.7 (dia.) inches (14 x 4.3 cm)
Weight	15.5 oz (440 g)
Mounting Type	Magnet 48 lbs (22 kg) or clip

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