

## LOG1A

Microphone for fittings and ground-mounting – Highly sensitive and robust Vibrophone  
– Clear audio quality – Narrow band-pass filter to suppress ambient noise



## LOG1A – High-quality technology for professional leak location

Mobile microphone for fittings and ground-mounting with outstanding measurement characteristics for acoustic leak detection on pressurised water pipes. With its highly sensitive Vibrophone, which is connected remotely via a cable, the LOG1A offers the possibility of carrying out structure-borne sound measurements on fittings, fire hydrants, house connections etc. as well as ground-carried sound measurements in various types of terrain. The combination of these two measurement methods already provides excellent localisation of the leak during the initial stages of leak detection.

### Use

The Vibrophone is mounted at the point of measurement using a highperformance magnetic clamp (neodymium). The noise level measured is displayed on a large display as a numeric value and is continuously updated. Additionally, the leakage noise can be listened to using the wireless or cable-connected headphones.

Various adapter accessories are available for making measurements on loose or firm terrain. Background noise can be optimally suppressed by the manual selection of high-pass or low-pass filters. Basically, for structure-borne noise and ground-carried sound measurements, the stronger the measured noise level the closer the leak location. If no leakage noises can be heard, an intact pipeline section can be assumed. Leakage can normally be detected at a distance of up to 300 m. This is depending on the pipe material and working pressure.

### Scope of delivery

- LOG1A hand-held unit with remote vibrophone
- Wireless and cable-connected headphones
- Extension rods and tripod
- Batteries
- Equipment case

The LOG1A is a reliable unit for initial fault location with an optimal cost/performance ratio and is proven 1000-fold world-wide. It forms the basis of a leak detection technician's set of test equipment.





