

Stethophon® 04 wireless – Compact listening device for detecting water leaks

Characteristics

The **Stethophon® 04** is a sound detector for recording and amplifying structure-borne oscillations of all kinds. The oscillation sensor provides undistorted sound reproduction even when the noise is barely audible.

Besides the cable headphones, a wireless version is available including **SDR** digital radio. The **Sewerin Digital Radio (SDR)** offers a sound transmission quality equal to or better than cable. By going without the cable, the comfort of work is improved considerably. Headphones and detector connect automatically by bidirectional radio link when switched on.

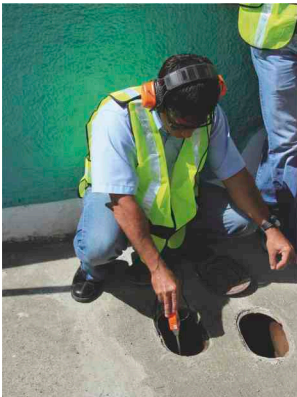
Sewerin Digital Radio works over short distances without any loss. Unlike simple analogue radio transmissions, the completely digital signal processing does not allow acoustic interferences, caused by hissing, re-amplifying, etc., to occur.

The filter function enables the users to listen to the sound at the frequency that best suits their hearing and the particular noise being listened to. The filters make it easier to hear certain noises such as the deep-pitched sounds typical from leaks in plastic pipes and higher frequencies from metallic pipes.

The hearing protection feature automatically ensures that the headphones are muted when loud noises suddenly arise to protect the operator.

To help with the leak detection, the **Stethophon® 04** not only indicates the noise levels acoustically, but also displays them digitally.

The lowest measured noises of the previous and current locations are numerically displayed and can be compared objectively.



Applications

- Slab leak detection
- To be used as a fast leak detector in water networks
- Examination of house service lines when the water meter is replaced
- Examination and localization of damages in compressed air systems
- Check on machine bearings

Features

- Wireless headphones using digital signal transmission (**SDR**)
- External ground microphone
- 8 filter levels
- Hearing protection function
- Numerical display of minimum noise level (0 – 1000)
- Min. operating time 8 hours
- Lightweight packaging in a robust Pelican™ case

