

Stethophon® 04

Compact acoustic detector for
water leak detection
Wireless headphones with digital radio



Applications

- 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
- Detecting defects in the plumbing and heating installations of buildings
- Check on machine bearings

Characteristics

The **Stethophon® 04** is an acoustic detector for displaying 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 (Sewerin Digital Radio)**. The **SDR** offers a sound transmission quality equal to or better than by 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 analog radio transmissions, the completely digital signal processing does not allow acoustic interferences caused by hissing or re-amplifying.

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's hearing.

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.

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)
- Minimum operating time 8 hours
- Lightweight packaging, the sound detector only weighs 10.23 lbs
- Handy dimensions: just 1.96 x 8.97 x 1.18 inches (W x H x D)

Components

- **Stethophon® 04**
- Wireless headphones F5
- Ground microphone EM 35

Please contact us for a comprehensive quotation, including additional technical specifications and information on accessories.

