

Stethophon® 04



**Compact sound 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 localisation 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 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 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 analogue radio transmissions, the completely digital signal processing does not allow to occur acoustic interferences caused by hissing, re-amplifying or others.

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.

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, the sound detector only weighs 290 g
- Handy dimensions: just 50 x 228 x 30 mm (W x H x D)

Components

Stethophon® 04

- Wireless headphones F5
- Ground microphone EM 35



Please contact us for a detailed quote or more information.