



Stethophon[®] 04

Compact sound detector for
water leak detection –
Wireless headphones with digital radio

Applications

- Detecting defects in the plumbing and heating installations of buildings
- Examination of house service lines when the water meter is replaced
- Examination and localisation of damages in compressed air systems
- To be used as a fast leak detector in water networks
- 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)
- Minimum 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
- Ground microphone
- Probe tip
- Chargers
- Transport bag



STETHOPHON 04 KITS

The Stethophon® 04 detects and amplifies structure-borne noise of all types. Even very low levels of noise can be reproduced without distortion. Our selection of Leak Kits include a number of contents as shown below:

STETHOPHON 04 WATER LEAK KIT (Corded Headphone Version)

- LCD display, 8 preset filter stages for better results, last memory function
- Hi quality microphone & electronics giving less background noise
- Sewerin K3 Corded headphones for clear cordless sound
- Compact Soft carry bag, M6 test tip & AC DC Adaptor
- Quality low cost solution for Water Authorities & Councils



STETHOPHON 04 SDR WATER LEAK KIT (Cordless Headphone Version)

- LCD display, 8 preset filter stages for better results, last memory function
- Hi quality microphone & electronics giving less background noise
- Quality HD F8 SDR Cordless headphones for clear cordless sound
- Compact Soft carry bag, M6 test tip & AC DC Adaptor
- Quality low cost solution for Water Authorities & Councils



STETHOPHON 04 SDR PLUMBERS KIT (Cordless Headphone Version)

- LCD display, 8 preset filter stages for better results & last memory function
- Hi quality microphone & electronics giving less background noise
- Sewerin HD SDR Cordless headphones for clear cordless sound
- Compact Soft carry bag, M6 test tip & AC DC Adaptor
- EM35 Ground Microphone & resonating plate
- Quality low cost solution for Water Authorities & Councils



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