

STETHOPHON 04 DIGITAL ACOUSTIC WATER LEAK DETECTOR AT A VERY AFFORDABLE PRICE



When a water pipe is damaged the water leaks into the surrounding ground which causes the pipe and soil to vibrate at the exit point. This vibration, or sound, is transmitted by the pipe and the surrounding material. The Stethophon 04 amplifies these noises allowing the leak location to be pinpointed.

- Advanced Digital Signal Processing has eliminated the “hiss” heard by other devices
- An internal microphone is used for confined work and a detachable external ground microphone for listening on floors, ground and for listening at valves
- **Headphones - Digital Radio or Direct Connection:** Available in two versions: Direct Connection (jack plug) or Digital Radio headphones. The Radio version offers hiss free sound reproduction every bit as good as that of direct connection without the nuisance of a cable connection. The Digital radio headphones are powered by 2 rechargeable AA batteries.
- **Minimum Noise Level:** - A leak noise is constant; it does not get quieter or louder but traffic and wind noise will increase and decrease. The Stethophon 04 ignores all these interfering transient noises digitally displaying only the “quietest” it has been during the time you have been listening.
- **Memory:** - The last Minimum Noise Level value is stored and displayed - Are you closer or further away from the leak in the current listening position compared to the last? Is the leak sound getting louder or quieter? The higher the number on the display the closer to the leak you are
- **Filter function:** - allows the user to listen to the sound at the frequency that best suits their hearing and the particular noise being listened to.
- **Dynamic hearing protection:** - A hearing protection function mutes the headphones when any loud sudden noises are detected protecting the user from discomfort and hearing damage

APPLICATIONS AND COMPONENTS

- Leak detection in water networks
- Examination of house service pipes when the water meter is read

Components:

- Stethophon 04 with 50mm test tip
- Headphones K3 sound protection Radio or Direct connection
- Ground microphone EM 35 (3.5 mm jack)
- Bag S4
- Test rods to listen on valves - Screws onto the EM35 ground mic.

SPECIFICATION ST04

- Display: illuminated, segmented
- Operating time: approx. 8 hours
- Weight: 250 g
- Storage temperature: -25 °C ... +70°C
- Power supply 2 AA batteries
- Operating temperature: 10 °C... +50°C
- Dimensions mm (W x H x D): 50 x 212 x 30
- Protection class: IP 54 (spray protected)