Tmic

Leak detection unit

Tmic is a pocket-sized water leak detection unit with visual and audible
indication of the leak. It is the perfect tool for on the spot leak monitoring.

Lightweight and portable, Tmic assists technicians to hear sounds on the water network which would otherwise be inaudible to the human ear. The unit is operated with a simple push button and displays a visual indication of noise levels together with excellent sound reproduction through high quality Bluetooth headphones.

Key Features and Benefits

- **Easy to use:** Simple operation with clear audio output

- **Lightweight:** Comfortable to carry and easily portable

- **Easy comparison:** Memory store of sound level for visual comparison of previous and current noise levels.

- **Dependable:** Long battery life with replaceable cells

- **Wireless:** Transmission of leak noise via Bluetooth headphones

- **Accessible display:** Shows noise level indication, comparison with previous noise level, battery status and Bluetooth pairing status.

- **Flexible:** Range of adapters supplied to suit different applications

- **Portable:** Supplied in a small transit case

- **Built in LED light:** For night work or dark chambers

Applications

The sensor tip can be connected to a meter long rod or placed directly on the pipe or fittings. Sensitivity levels are far beyond what is possible with mechanical listening sticks.

Tmic's memory will store noise level and show it on its LED display. By visually comparing the current and previous noise level the operator can quickly identify where the noise is loudest.
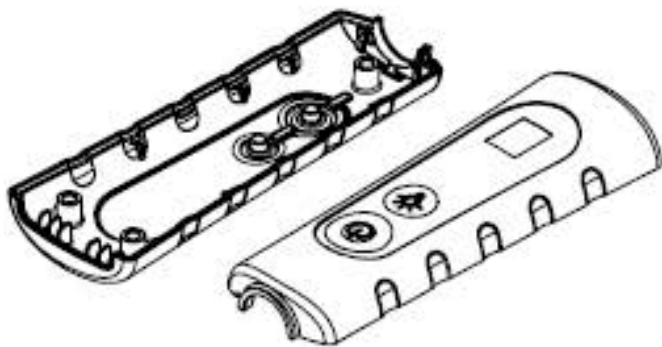
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Logger Features

Construction	Hand held ergonomically designed case made from PC-ABS (Polycarbonate) with a TPE over-mould for added grip and durability.
Sensor	Piezoelectric high sensitivity sensor mounted in a stainless steel head.
Display	Noise levels displayed on linear LED display using Red/Green LEDs with Peak Hold level indication feature.
Communication	Bluetooth wireless technology transmits the detected audible noise to the Bluetooth headphones supplied.
Dimensions	170H x 52W x 31D mm (6.6"H x 2.0"W x 1.2"D).
Temperature	Operating temperature range -10oC to +40oC
Power	3 x AAA Alkaline 1.5V (LR03 AM4) batteries supplied. (Note rechargeable batteries must not be used).Can be used for up to a month between battery replacements based on typical usage
Ingress Protection	IP54
Weight	180g (with batteries)
Headphones	Lightweight, high quality stereo headphones. Bluetooth connectivity range up to 10m. Frequency response 20Hz – 20KHz. Powered by internal rechargeable lithium ion battery 3.7V 300mA. Recharging by connection to a computer USB port using cable provided or by using a 12V USB car adaptor available as an optional extra. Charge time 1 – 2 hours (initial charge 3 hours). Can be used for up to a week between charges based on typical usage. Operating time is approximately 9 hours of continuous use.
Extension Poles	3 x aluminium extension rods (each 330mm long) can be assembled to the Tmic using a magnetic coupling to provide an extended length up to 1m long. (Total additional weight 275g)
Transit Case	Durable plastic with precision cut foam compartments for content's protection. External dimensions = 340x275x83mm. Fully loaded weight with Tmic and accessories is 1.25Kg
Wrist Strap	Nylon-woven. Length 150mm. HWM recommends that this is always worn when using the Tmic to prevent damage

HWM

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