

A high performance easy to use electronic listening stick



Key Features

- High quality, clear audio monitoring.
- Lightweight and easily portable.
- Long battery life from replaceable cells
- Memory store of sound level for visual comparison of previous and current noise levels.
- LED displays noise level indication, comparison with previous noise level, battery status and Bluetooth pairing status.
- Mute sound off/on
- Easy push button operation.
- Range of adapters supplied to suit different applications.
- Supplied in a small transit case.
- Built in LED light – for night work or dark chambers
- Wireless transmission of leak noise via Bluetooth headphones.

Tmic is a highly cost effective mini water leak detection unit with visual and audible indication of the leak. The unit fits conveniently into a pocket, making it perfect for any water specialist or plumber for instant, 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.

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 a 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. The LED also displays the battery level and Bluetooth pairing status. An LED torch is incorporated into the unit for use at night or to investigate dark chambers.

The unit and its accessories are supplied in a case with precision cut foam compartments to protect in transit.

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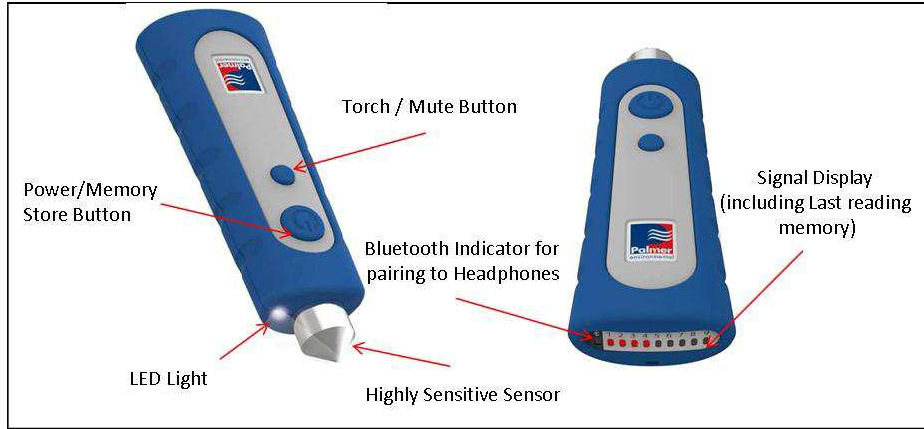
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Construction	Hand held ergonomically designed case made from PC-ABS (Polycarbonate) with a TPE over-mould for added grip and durability.
Sensor	Piezoelectric high sensitivity sensor mounted in a stainless steel head.
Display	Noise levels displayed 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.
Temperature	Operating temperature range -10°C to +40°C
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 replacement based on typical usage.
Ingress Protection	IP54
Dimensions	170 x 52 x 31 mm (LxWxD)
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

Order Codes	
TMICPAL	Portable Electronic Listening Stick
Optional Accessories	
PC0205	12v Car charger / USB adapter for Charging Headphones