

The Lmic is an easy-to-use, low cost, electronic listening stick and ground microphone combined. It is ideal for general leak sounding operations and can be fitted with either a tripod foot (for use as a ground microphone) or probe rods (for sounding at fittings or in soft ground).

The control unit is hand-held with a 'trigger' operation and a volume/sensitivity rotary control. An LED indicates operation and battery status. This lightweight unit can be used to confirm the position of underground leaks audibly from ground level, sound pipe fittings penetrate soft ground to listen for leaks and carry out traditional acoustic surveys.

The new Lmic "i" gives additional electrical insulation by inserting an acetol disc between the shaft and the hand-piece, and adding insulation to the shaft for extra protection.

The Lmic is supplied with a hand held control unit, microphone unit with cable, tripod unit, 2 probe rods, AC adapter, headphones, carry bag and instruction manual. The Lmic "i" is supplied with all of the above, plus an acetol isolation block and insulation for the 2 probe rods.

WARNING: The Lmic is designed for use on water pipes only. HWM cannot guarantee full protection against electric shock. Whilst the Lmic "i" has been designed to provide additional protection, operators must always ensure the safety of their own operation at all times.



Photographs showing the new Lmic "i" with additional insulation properties



KEY BENEFITS

- Lightweight hand-held unit for long term ease of use.
- Low cost.
- Excellent acoustic performance
- Simple "trigger" operation.
- Versatile – ground microphone and hand probe configurations.
- Military specification connectors.
- Rechargeable battery pack with long operation between charges.
- Additional protection from electric shock (Lmic "i" only)



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Halma Water Management

• FLOW MEASUREMENT • DATA LOGGING • LEAK DETECTION • PRESSURE CONTROL • ENVIRONMENTAL MONITORING • AMR • ENERGY MANAGEMENT

Lmic Hand Held Unit/Sensor Housing	Piezoelectric high sensitivity sensor mounted in PC-ABS (polycarbonate) housing Single headphone/charger input socket with automatic sensing of device connected <i>Acetol insulation block – providing electrical isolation between the hand piece and probe rod (Lmic “i” only)</i>
Connectors	Amphenol military specification connectors for microphone and headphone/charger connections
Charging	Universal 110-240V AC charger with 12V DC output. Car cigarette lighter adapter with 12V DC output (optional accessory) 4-pin Amphenol connectors to control unit Charge time: Overnight charge
Microphone Housing	High sensitivity piezo-electric sensor mounted in rubber housing with integral strain relief Low noise 0.75m cable (detachable) 4-pin Amphenol connection to control unit Weight: 400g
Foot Attachment	Cast metal tripod for ground contact
Hand Probe Attachment	2 aluminum extension rods (each 400mm long) Weight: 150g <i>Heavy duty insulation along length of rods (Lmic “i” only)</i>
Headphones	Lightweight high quality headphones Impedance: 16 Ohms 4-pin Amphenol connector to control unit
LED	Green = normal operation Red = low battery power

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HWM reserves the right to change any product specification without prior notice