



Introduction

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 economic 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.



USER
FRIENDLY
DESIGN

GROUND
MIC &
PROBE

PORTABLE

CLEAR
SOUND

Features

- Lightweight hand-held unit
- Low cost
- Excellent acoustic performance – (similar to Gmic using broad band filters)
- Simple "trigger" operation
- Versatile – ground microphone and hand probe configurations
- Military specification connectors
- Rechargeable battery pack with long operation between charges

Scope of supply

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.

PRODUCT SPECIFICATION

LMIC

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
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 1.5m cable (detachable) 4-pin Amphenol connection to control unit Weight: 400g
Foot attachment	Cast metal tripod for ground contact
Hand probe attachment	2 stainless steel extension rods (each 400mm long) Weight: 150g
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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