Data Sheet

MarMonix MWL 500
Water Pipeline Leakage Detector

Quick Spec Highlights

- **Measurement Area:** Outdoor Pipeline
- **Sensor**: Medium sensor
- **Measurement depth:** 5 m
- **Detection modes:** census mode, positioning mode

Key Features

- **Advanced Acoustic Filtering:** Designed for leaking pressure pipes to filter environmental noise and pinpoint the smallest leakage.
- **Dual Operating Modes:** Seamlessly switch between "General Detection" and "Locating Mode" to identify the most potential leaking area.
- **High-Sensitivity Sensor:** Built-in detection sensor capable of 0.001mV accuracy to capture underground acoustic signals.
- **Clear Visual Spectrum:** Digital LCD display shows a spectral signal that visually guides you to the exact location of the leaking pipe.
- **Exportable Reports:** Locating results and pictures can be exported for professional report making.

Specifications	
Measuring Area	Outdoor Pipeline
Maximum Detection Depth	5.0 m
Sensor Type	Medium Sensor
Frequency Range	1 – 10,000 Hz
Gain / Volume Adjustment	10 Levels Adjustable
Operation Modes	General Detection Mode, Locating Mode
Signal Accuracy	0.001 mV
Display	7-Inch HD Digital Touch LCD Screen
Power Supply	Rechargeable Lithium Battery (USB 5V 2A)
Working Hours	Approx. 15 hours
Operating Temperature	-20°C ~ +50°C
Main Unit Weight	0.7 kg
Model	MWL-500

Ordering Info

- **Part Number** : 7603871
- **GTIN**: 6298043998390

Package Contents

- 1 x MWL 500 Main Unit (Host Machine)
- 1 x Medium Sensor
- 1 x High-Frequency Noise Cancelling Headphones
- 1 x Sensor Handle / Telescopic Pole
- 1 x USB Charger & Cable
- 1 x Aluminium Specialised Flight Case
- 1 x User Manual & Warranty Card

Warranty

This device is covered by a 2-year warranty from the date of purchase, ensuring reliability and long-term support. The warranty applies to defects in materials and workmanship under normal use. It excludes consumables (fuses, disposable batteries) and damage caused by accident, misuse, modification, contamination, or operation outside specified conditions.