



LeakTuner
Acoustic Leak Listening Device

echo↔**logics**
www.echologics.com

LeakTuner – Hear the Difference

LeakTuner continues the Echologics' tradition of innovative excellence in leak detection equipment. LeakTuner is a robust, full-featured acoustic leak listener with simple menu driven controls. This sophisticated high-end acoustic leak listening device provides the user with superior sound quality to make finding leaks even more accurate than ever before.

The LeakTuner operation is based on continuously adjustable filters, capable of being set to the operator's exact preference. The desired frequency range can be set to best hear the leak noise, or to eliminate other noise sources interfering with optimum listening conditions. LeakTuner has the ability to substantially reduce electronic "white" noise as well as environmental background noise. This reduction of ambient and electronic noise provides LeakTuner with superior sound quality. Now users have the ability to clearly hear leak sounds with reduced interference from background noise so even the quietest leaks can be heard more easily.

Users can listen for leak noise by directly attaching the high sensitivity sensor to pipes, hydrants, valves or fittings or by using the hand probe with extension rods. A tripod is included to listen for leaks on ground surfaces including loose or uneven ground.

The LeakTuner base model is supplied with a high sensitivity sensor, ground tripod, cable, hand probe with extension rods, combination shoulder/belt strap, charger, hard Pelican™ case and instruction manual.

The optional EchoFoot ground microphone can be added to the base model for improved sensitivity to ground based leak noise. It is designed for use when dealing with wind noise, soft ground surfaces and ambient noise such as road traffic, airplane noise, pump stations and more. The rubber skirt at the base of the EchoFoot shields wind noise.

Key Features

- › Continuously adjustable high and low frequency filters
- › High quality audio amplifier for superior acoustic quality
- › Specifically designed to reject ambient noise
- › Anti-clipping circuit for hearing protection
- › Ground tripod with high sensitivity sensor
- › Hand probe with extension rods
- › Simple to use menu driven controls
- › Easy to read digital noise level meter
- › Pelican™ carrying case with lifetime warranty from manufacturer
- › Optional: external noise reducing EchoFoot ground microphone with EMI immune circuitry

LeakTuner, acoustic leak listening device



TECHNICAL SPECIFICATIONS

Specifications*

- › External high sensitivity piezo-electric sensor, 1V/g
- › Infinitely adjustable filters:
 - Low Pass Filter adjustable from 14 Hz to 350 Hz
 - High Pass Filter adjustable from 140 Hz to 3500 Hz
- › Microprocessor controlled, with upgradeable firmware
- › Digital high/low temperature capable backlit LCD Display
- › Waterproof to IP 67
- › High impact rubber boot for shock resistance to 500g
- › Long life rechargeable Lithium-Ion Battery providing 50 hours of continuous use on a single charge (15 hours with back light operating)
- › Rugged passive noise reduction Koss® headphones
- OR optional active noise cancellation Koss® headphones

EchoFoot Ground Microphone (Optional)

- › EMI immune design
- › Acoustically designed to reject external noise and isolate the sensor
- › Low noise ground microphone circuitry

Supplied Headphones (Koss® QZ 99)

- › Frequency response 40 - 20 kHz +/- 3 dB
- › Sensitivity: 102 dB SPL/ 1mW
- › Distortion: <0.3%
- › Impedance: 60 ohms
- › Large ear cups for operator comfort and ambient noise reduction
- › Volume control on ear cup
- * Subject to availability

Options/Accessories

- › High quality, active noise reduction Koss® headphones
- › Replaceable ear pads for Koss® headphones

Warranty

Oneyear limited warranty. Warranty does not cover failure resulting from misuse, accident, modification, field maintenance and unsuitable physical or operating environment.

* Specifications are subject to change without notice

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