

DXmic Pro

High Performance Digital Ground Microphone

DXmic Pro is an advanced electronic ground microphone that combines exceptional sound clarity with smart filtering technology to accurately locate leaks, even on plastic pipelines.

Featuring various filter options that are designed to reduce interference and eliminate unwanted frequencies, DXmic Pro is suitable for use in challenging environmental conditions.

With wireless audio support, USB and app-based data transfer, rechargeable batteries providing up to 25 hours of operation and seamless compatibility with DXmic Pro foot and hand probe sensors, DXmic Pro provides a durable, user-friendly solution for efficient leak detection and data management.



Applications

DXmic Pro allows technicians to record and review leak sounds in the field with built-in recording and playback features. DXmic Pro further provides the advanced ability to log acoustic evidence and upload site reports into DataGate, the secure online platform that empowers users to review, validate and manage data findings centrally, and later use real-world recordings for training purposes.

For operator safety, DXmic Pro includes a Safety Noise Level cut-off feature. This automatically mutes the device should the noise being detected reach an unsafe volume.

Key Features

- **Excellent audio:** high quality digital sound.
- **Resistive colour touch screen:** clear multifunctional graphics for ease of use; can be used with gloves.
- **Wireless capability:** compatible with most wireless headphones.
- **Durable:** robust housing with carry strap fittings.
- **Frequency display:** for each analysis and filter setting.
- **Auto Filter function:** sets filters around peak noise.
- **Flexible:** automatic and manual filters.
- **Upgradable:** compatible with foot and handprobe sensors.
- **USB capability:** for data transfers and firmware updates.
- **Long-life rechargeable batteries:** Li-ion cells with up to 25 hours battery life.
- **Safety Noise Level cut-off:** ensures user is protected should probes be dropped or mishandled
- **Minimum noise level display:** for effective pinpointing of leak noise.

- **Improved automatic filtering:** supported by frequency analysis display.
- **DXmic Pro app:** download results to DXmic Pro app and replay leak noise recordings..
- **Increased memory:** larger capacity to store leak noise recordings.

Standard DXmic units can be upgraded to DXmic Pro. For more information on upgrading contact HWM Global.

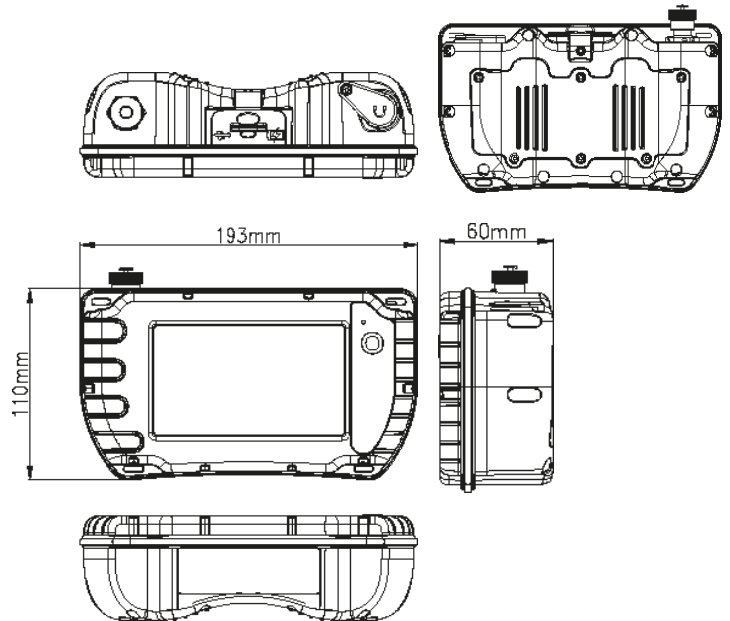


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Features

- Auto Filter Function:** Sets filters around peak noise:
- filter selection with noise level indicator and frequency analysis
- minimum level profiling
- device settings
- Frequency Range:** 0 to 5000Hz
- Battery Life:** 25 hours minimum (battery saving mode), 15 hours (constant)
- Battery Charge:** Maximum 8 hours
- Charger:** Universal 110-240V AC mains charger with 12V DC output (optional in car adapter), all items can charge in case.
- Dimensions:** 193H x 109W x 60D (mm) - 7.5" x 4.2" x 2.3"
- Display:** 5" resistive LCD colour touch screen
- Weight:** 600g (with batteries)
- Operating Temp:** -15 to +50°C (5 to +120°F)
- Ingress Protection:** IP65.
- Headphones:** Bluetooth® compatible or wired headphones are supplied as standard. Studio or aviation quality headphones are available as alternative.
- Audio Protection:** Automatic Safety Noise Level cut-off
- Ground Microphone:** High sensitivity piezo-electric sensor mounted in windproof, nitrile rubber housing
- low noise
- 1.5m cable
- 2.9kg weight
- Hand Probe Attachment:** Hand probe is supplied with a tripod foot and two aluminium probe rods for sounding in soft ground. Each probe rod is 400mm in length.
- DXmic Pro Additional Features:** As above, plus:
- recording of leak noise
- replay of leak noise through App
- increased memory capacity



DXmic Pro App

Data Management

The DXmic Pro App is a convenient way to collect, collate and view data gathered by DXmic Pro devices.

Through the app, audio files and site reports can be securely accessed and remotely transferred.

For more information on the numerous options please contact your local distributor or HWM Global.

