



CLEAN WATER



Fluid Conservation
Systems

DXmic / DXmic Pro

Ground Microphone

DXmic is the latest generation ground microphone from FCS. Building on the excellent reputation of the Xmic, the DXmic features touch screen operation and a wealth of new innovative features.

The DXmic has the highest sound quality and features such as auto filtering, frequency display (and audio recordings in the DXmic Pro version). The DXmic App* provides for download and transfer of site details and recordings (Pro)

The device is supplied in a robust carry case which can also be used as a charging station for the system.



Key Features and Benefits

- **Excellent audio:** Best in class sound quality
- **Durable:** Robust housing with carry strap fixings
- **Colour touch screen:** Clear multifunctional graphics and ease of use
- **Wireless capability:** For headphones or transfer of audio/configuration data to PC (Wireless or standard headphone options)
- **Frequency display:** For each analysis and filter setting
- **Flexible:** Auto and manual filters
- **Clear upgrade path:** Compatible with Xmic foot and handprobe sensor
- **USB capability:** For data transfer and firmware updates
- **Long battery life:** Li-ion cells with up to 15-25 hrs Battery life
- **User friendly:** Safety Noise Level cut off and leak noise isolation filters
- **Improved automatic filtering:** Supported by frequency analysis display (Pro)
- **App version*:** For download of results and remote transfer (Pro)
- **Minimum level noise recording and display:** For effective pinpointing

DXmic App*

- Android or IOS version
- Uses GPS to give location
- Upload photos from site and add site notes
- DXmic downloads its own reference to add to operator reference
- DXmic Pro downloads sound files to the App
- Everything can be emailed to the office from site, saving travel and providing immediate detailed, remote reports
- After download benefit from transfer and printing facilities for reports

Applications

DXmic is the latest generation ground microphone, giving the highest sound quality for accurate location of leaks on site.

The latest digital features, such as auto-filtering (Pro) and frequency analysis means it can be used in the most challenging environments and in low frequency noise (plastic) situations.

The colour touch screen makes the unit easy to use whilst enabling multiple signal and frequency displays.

Compatibility with Xmic sensors gives an upgrade path for existing HWM ground microphone users.

MONITORING ASSETS, DELIVERING DATA, BRINGING CONTROL

www.fluidconservation.com

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Ground Microphone

Features

Frequency range	0 to 5000Hz
Battery life	Minimum 25 hours (with battery saving) 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 be charged in case .USB socket for lead phone charging
Weight	600g (with batteries)
Temperature	Operating temperature range -15C to +50C
Dimensions	193H x 109W x 60D mm (7.5"H x 4.2"W x 2.3"D).
Keypad	Touch screen LCD
Display	5.0 inch TFT LCD color
Ingress protection	IP65
Headphone connection	Wireless or cable connection. With safety noise cut off
Headphones	Bluetooth linked or Studio quality headphones are supplied as standard Aviation quality headphones are available as an option
Rmic ground microphone	High sensitivity piezo-electric sensor mounted in windproof, nitrile rubber housing. Low noise 1.5m cable Weight: 2.9kg
Hand probe Attachment optional	The 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
Displays	- Filter selection with noise level indicator and frequency analysis - Minimum level profiling - Device settings

DXmic Pro
(As above plus)

- Recording of leak noise
- Replay of leak noise and download to App
- Increased memory capacity to maximise recordings



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