

EM2030 Sound Level Monitor

Simplicity and precision



Automated operation and simple online analysis

Continuous remote monitoring with no manual interaction



Extended measurement range with remote controlled setup

Reliable measurement for any application



Frequency analysis tools for detailed sound source investigation

1/1 and 1/3 octave analysis options



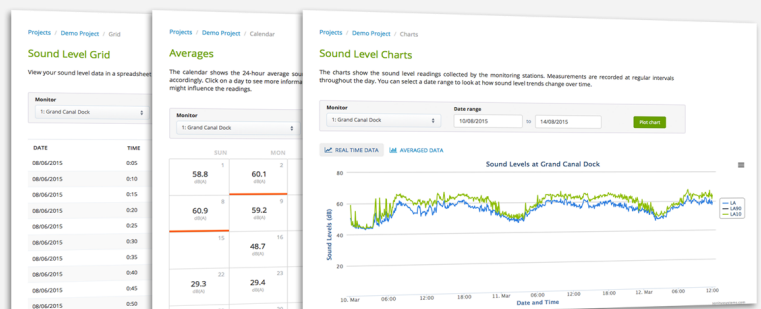
Flexible and automated audio sample recording options

Remotely capture audio clips to identify noise sources



Low power mode to extend battery life

Ready for long term remote measurement projects





TECHNICAL SPECIFICATIONS

SOUND LEVEL MEASUREMENT

Accuracy: IEC 61672 Class 1

Dynamic range: 17 to 121dB(A)

Frequency range: 20Hz to 20kHz

Frequency weighting: A and C weighting

Parameters: LEQ, L05, L10, L50, L90, L95, LMAX

LOGGING

Measurement period: 1, 5, 10, 15 or 30 minutes

Data storage capacity: 5 years (5 minute logging)

Procedure: Automatic measurement and logging

INTERFACE

The EM2030 and online interface are accessed using any standard web browser

POWER REQUIREMENTS

Power input: 110V-240V AC

EM2030: 8 - 16V DC (battery option)

Power consumption: 2.4W

COMMUNICATIONS

Wi-Fi (user interface)

3G SIM card supplied with each monitor

MICROPHONE

Sensitivity: 50mV/Pa

Connection: BNC to BNC (3m cable as standard)

Power supply: Constant current ICP, 18V 4mA



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