



SONITUS
SYSTEMS



NOISE

EM2030 SOUND LEVEL MONITOR



Automated operation with
online analysis



Extended measurement range
with remote controlled setup



Frequency analysis tools for detailed
sound source investigation



Flexible and automated audio
sample recording options



Low power mode to extend
battery life

- Continuous remote monitoring with
no manual interaction
- Reliable measurement for any application
- 1/1 and 1/3 octave analysis options
- Remotely capture audio clips to
identify noise sources
- Ready for long term remote
measurement projects

EM2030 SOUND LEVEL MONITOR



TECHNICAL SPECIFICATION

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: 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

Power Consumption: 8 - 16V DC (battery option)

Maximum Current: 2.4W

COMMUNICATIONS

Wi-Fi (user interface)

4G 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