NoiseMeters

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Noise Nuisance Recorder - Noisy Neighbors

Features

- Accurately measures the sound levels
- Record the audio at the complainant's request (remote control button push)
- Powerful hand-held meter for other noise measurement applications
- Software included

Applications

- Neighbor Noise
- Music noise
- Dogs barking
- Shouting and verbal abuse
- Banging
- **Tenant or Homeowner?** See our HomeOwner service

Overview

The Noise Nuisance Recorder measures the sound levels from neighbor noise as well as recording the audio for evidence purposes.

For use by environmental health officers, housing associations and concerned home owners, the recorder includes a precision grade Sound Level Meter, Calibrator and Microphone to provide the following features:

Assessing Neighbor Noise

The Noise Nuisance Recorder is taken to the residence with the problem and carried inside a simple shoulder bag to avoid attracting the attention of the neighbors. It is very quick to set up before being left to measure sound levels continuously.

When the complainant hears the problem noise (dog barking, shouting, music, etc.) they press the button on the remote control to start the audio recording. A light on the case shows that the noise is being recorded. A "pre-trigger" ensures that 30 seconds before the button is pressed is included in the recording - 30 s is the default, it can be changed.

After a suitable period of time, usually a few days to a week, the measurement process can be stopped and the equipment returned to the office for analysis. After downloading the measurements you are presented with a Time History graph showing the sound levels throughout the measurement period. Markers indicate the time audio samples have been recorded. Listening to the audio confirms the source of the noise and is essential for evidence purposes.

Why a Noise Nuisance Recorder?

When a resident complains of excessive noise from a neighbor there is often more happening behind the scenes, such as a neighborly fall out over a number of other issues. In these situations the complainant could be over sensitive to noise that would not normally bother them, or could be falsely exaggerating the noise levels involved. For the authority involved (environmental health, housing association, police, etc.) it can be difficult to separate the genuine complaints from the false ones.

The purpose of the Noise Nuisance Recorder is to give the resident the opportunity to show that the noise levels in question are genuinely excessive or of an abusive or anti-social nature. This is extremely important as excessive neighbor noise is very difficult to live with, causing a loss of sleep, increased stress levels and the resultant damage to health.

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Specifications

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The Noise Nuisance Recorder is made up of the following main parts:

- Sound level meter
- Sound level calibrator
- Peli Case and Carrying Case
- Microphone extension and tripod

Noise Nuisance Recorder

Weight	2.6 kg (including Peli Case, sound level meter and microphone)
Dimensions (Peli Case)	296 x 212 x 96 mm (11.7" x 8.4" x 3.8")
Power	100-240VAC (power adapter included)
Internal Power	4 x AA cells provide > 10 hour operation in case of power failure
Mic Extension Cable	1.5 m
Measurement Range	20 to 140 dB RMS in a single range
Audio Recording	20 hours in standard quality

Optimus Green Sound Level Meter (included)

Standards	IEC 61672 Class 1 or Class 2 IEC 60651 and IEC 60804 Type 1 or Type 2 ANSI S1.4 Type 1 or Type 2
Measurements	LXYMax & Time History of LXYMax LAeq, LCeq, LZeq, LCPeak, LZPeak, LAPeak, LAIeq Time History of LAeq, LCeq, LZeq, LCPeak, LZPeak, LAPeak, LAIeq Ln Values: 14 independent statistical values Audio recording during measurement
Noise Floor	< 18 dB(A) for Type 1, < 21 dB(A) for Type 2
Freq. Weightings	A, C and Z
Time Weightings	Fast, Slow & Impulse
Display	OLED with Ambient Light Sensor & Illuminated Keypad
Time History Rates	10ms, 62.5ms, 125ms, 250ms, 500ms, 1sec, 2sec
Voice Tag	Up to 30 seconds of audio notes with each measurement
Environmental	Operating: -10°C to 50°C, Storage: -20°C to 60°C Humidity: Up to 95% RH Non Condensing

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Web Sites

Main site:
https://www.noisemeters.com

Product shortcut:
https://www.noisemeters.com/product/noise-nuisance/

Tech Support:
https://support.noisemeters.com