

## Outdoor Environmental Noise Measurement Kit



### Features

- Weatherproof case and outdoor microphone
- Sound level meter and Calibrator
- 12 day battery or external power
- All measurements made simultaneously
- Audio recording
- All parts & software included

### Applications

- Environmental noise surveys
- Community noise assessments
- Construction and demolition sites
- Factory and industrial site boundary noise
- Road traffic and other transport noise

### Overview

The WPK Outdoor Noise Measurement Kits are designed for outdoor applications, where a meter needs to be left unattended in poor weather conditions to monitor for up to a week:

These noise measurement kits include a Sound Level Meter that was designed specifically for environmental noise measurement. The meter meets the sound level meter standards to Type 1 and makes all the measurements required by most such surveys, including the periodic LAeq and the statistical Ln parameters (L10, L90, etc).

The meter makes automatic repeating measurements, providing the tables of periodic results typically needed for this type of survey.

### Our Recommendation

For most environmental noise surveys we recommend the **WPK1710** Outdoor Kit, which is the lower cost version of the Type 1 kits. The meter in this kit includes the environmental noise parameters (Leq, Ln, etc), automatic timed measurements and audio recording.

For an overview of the other meters available please see the **Which Meter** tab.

### Audio Recording

The sound level meter can be set to record the audio when certain conditions are met (a threshold level for example). Listening to a recording makes it easier to identify to source of the noise - road traffic? people talking? machinery?

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### Specifications

Noise Measurements	See Optimus Environmental Specifications
Connectors	Microphone input from MK:172 Outdoor Microphone External Power Connector
External power	12-18v DC
Dimensions	465 x 180 x 355 mm
Weight	14.1 kg / 31 lbs including: 2 x batteries, charger & outdoor microphone

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#### Head Office

NoiseMeters Inc  
3233 Coolidge Hwy  
Berkley  
MI 48072  
USA

Telephone **888 206 4377**  
Fax **888 584 2230**

Email: **info@noisemeters.com**  
Support: **support@noisemeters.com**

#### Web Sites

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

Product shortcut:  
<https://www.noisemeters.com/p/wpk1710/>

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