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Outdoor Microphone for Optimus Sound Level Meters

Features

- Weather protection for Optimus microphones
- Mounts on a standard (optional) tripod
- 10m extension cable included
- Windshield and bird-spike included
- Uses the meter's microphone capsule

Applications

- Outdoor noise measurement
- Environmental noise assessment
- Measuring sound level in poor weather
- Construction and industrial sites
- Traffic and transport noise

Outdoor Microphone

The MK170 Outdoor Microphone is for use with an Optimus Green environmental sound level meter, but can be used with some of the other Optimus data logging meters too. It provides weather protection for the microphone capsule and the ability to mount it on a tripod or mast for unattended noise monitoring.

The Outdoor Mic consists of a weatherproof preamplifier, windshield, bird-spike and microphone extension cable. It uses the microphone capsule from the Optimus sound level meter, so no additional capsule is included.

There is no weather protection for the sound level meter itself, which must be mounted indoors or in a weatherproof enclosure. If you need protection for the sound level meter too then please see the range of Outdoor Noise Kits, which are available with or without the meter.

Mounting

At the bottom of the MK170 is a standard thread to mount to a camera tripod (not included, order code **CT1**). This could also be used to mount to a mast or other construction.

What Do I Need?

If you already have an Optimus Green sound level meter (or buying one separately) then you will need:

- **MK170** Outdoor microphone parts to provide protection for your mic capsule.
- **ZL184** 1m interface cable that connects the sound level meter to the 10m outdoor cable.

Outdoor Kit Replacement Microphone

If you have the CK670 Optimus Outdoor Kit (with custom battery pack) and need a replacement microphone with 10m cable then the order code is **MK170**.

If you have the later CK675 or CK685 Optimus Outdoor Kit (with lead acid batteries) then please see the MK172 Outdoor Microphone.