

A range of measurement kits are available for the CR:800 and CR:700 series Sound Level Meters to allow measurements to be made outdoors. The kits provide different levels of weather protection for the sound level meter and microphone capsule.

HEAVY DUTY OUTDOOR MEASUREMENT KITS CK:407 & CK408

The heavy duty kits use an Outdoor Microphone called the MK:437 or MK:438.

This outdoor microphone uses the same technology used on the CR:243/3 Environmental Noise Analyser and provides rain and wind protection for the microphone capsule and preamplifier. It has a built in tripod and comes complete with a carrying tube. A ZL:410 10m cable is used to connect the microphone to the weatherproof case.

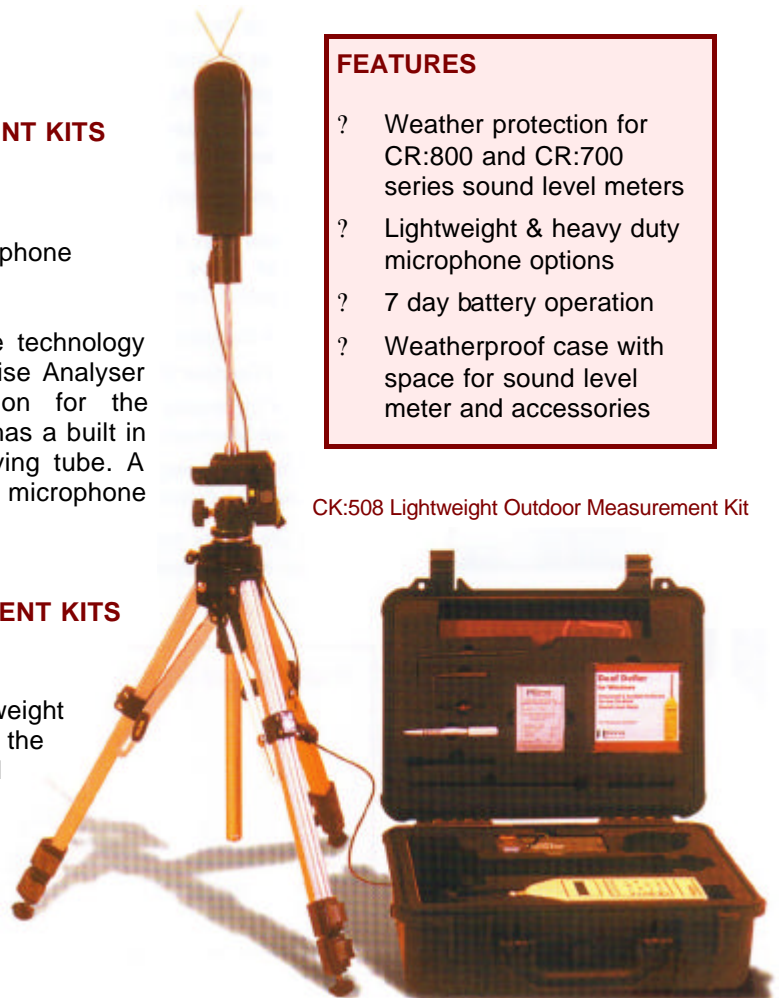
LIGHTWEIGHT OUTDOOR MEASUREMENT KITS CK:507 & CK:508

The lightweight kit uses the MK:429 Lightweight Outdoor Microphone. This MK:429 utilises the MV:200 preamplifier from the Sound Level Meter, and has been designed to be used overnight or for short periods of time. It provides protection for the microphone capsule from rain, but does not give the same level of protection as the heavy duty MK:437 or MK:438 units.

FEATURES

- ? Weather protection for CR:800 and CR:700 series sound level meters
- ? Lightweight & heavy duty microphone options
- ? 7 day battery operation
- ? Weatherproof case with space for sound level meter and accessories

CK:508 Lightweight Outdoor Measurement Kit



OUTDOOR MEASUREMENT KITS

APPLICATIONS

The CK:407 & CK:408 Heavy Duty Outdoor Measurement kits have been designed to be used for up to 7 days. This allows noise measurements to be made over long periods of time. This type of measurement is often used where the trend of noise levels is important, for example when measuring the noise generated by road traffic or an airport over a week.

Measurements are also made using this type of equipment where the weather conditions are adverse and the maximum protection is required for the microphone capsule.

The CK:507 & CK:508 Lightweight Outdoor Measurement Kits have been designed to be used for short periods of time, such as for a few hours or overnight. This type of measurement is often used for the measurement of noise nuisance, noise from construction sites or where the noise source is mobile.

The lightweight kits should only be used for short periods of time as the weather protection given to the microphone capsule is limited by the performance of the windshield and the connections to the preamplifier. For longer durations, the MK:429 Microphone should be replaced by the MK:437 or the MK:438 units (as appropriate).



CK:408 Heavy Duty Outdoor Kit

ACCESSORIES

The Outdoor Measurement Kits are supplied, as standard, with the following accessories:

- » Battery Pack
- » Battery Charger
- » 10m Mic. Cable (ZL:410 for CK:407 & CK:408, ZL:510 for CK:507 & CK:508)
- » Outdoor Microphone System (MK:429, MK:437 or MK:438 depending on version)
- » Operating Manual
- » Extended Warranty Card
- » Miscellaneous Accessories (Screwdriver, Alan Keys, Pen)

The kits **do not include**:

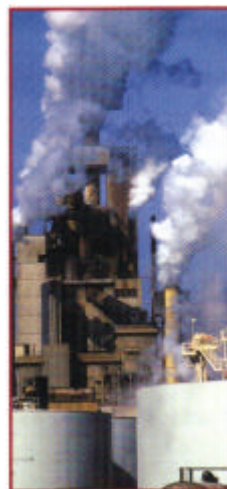
- » Tripod for the Lightweight kits (heavy duty kit includes tripod legs)
- » Microphone capsule (the capsule on the sound level meter should be used)
- » Preamplifier for lightweight kits (that from the sound level meter is used)

ORDERING INFORMATION

Please note that a Sound Level Meter that is to be used with any of the Outdoor Measurement Kits must have a removable preamplifier. Contact NoiseMeters for further details. The different versions of the outdoor measurement kits are:

- » CK:407 Heavy Duty, for use with CR:703B Sound Level Meter
- » CK:408 Heavy Duty, for use with CR:800 series Sound Level Meters
- » CK:507 Lightweight, for use with CR:703B Sound Level Meter
- » CK:508 Lightweight, for use with CR:800 series Sound Level Meters

Please note that the sound level meter and acoustic calibrator are not included with the Outdoor Measurement Kits.



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