

# Environmental Sound Level Meter

optimus+  
sound level meters

POWER  
GENERATION

MOTORSPORT  
NOISE

CONSTRUCTION  
NOISE

AVIATION  
NOISE

The Optimus+ Green is the most advanced variant in our popular Optimus+ range. Built as an environmental noise meter, the Optimus+ Green measures all noise parameters, including the option for both 1:1 and 1:3 octave bands. It can also record noise at tenth-of-a-second intervals, making it perfectly suited to monitoring wind farm noise.

“The Optimus Green is the best sound level meter due to its complete ease of use...”

Chris Selkirk, Noise Consultant, Sustainable Festivals, UK

## Specifications in brief

Applicable standards	IEC 61672-1:2013 Class 1 or Class 2 IEC 61672-1:2002 Class 1 or Class 2 Group X IEC 60651:2001 Type 1 I or Type 2 I ANSI S1.4 -1983 (R2006)
Instrument	Class 1 or Class 2 available
Display	High-resolution LCD display with light sensor and illuminated keypad
Memory	4GB (expandable) for up to 10,000 measurements (data logging version only)

## Understanding Optimus product codes

CR:17XX - Optimus+ Green sound level meter

CR:171X - Class 1 instrument

CR:17X0 - Features audio recording & data logging

CR:17XB - Features audio recording, data logging, 1:1 & 1:3 octaves

CONSTRUCTION  
NOISE

## Key features:

- Simple to use
- Bluetooth® enabled
- Can be used with a smartphone
- Measures all noise parameters simultaneously
- Can be used for any application
- No complicated setup procedure
- DC and AC out
- Long battery life

## Why choose Cirrus Research?

- 1) Providing sound solutions since 1970
- 2) UK-based in-house team of experts on-hand to offer help, support, guidance and training
- 3) Rental options available
- 4) Bespoke turn-key solutions available
- 5) We supply quality equipment that is trusted by customers all around the world

CK:17XX - Optimus+ Green measurement kit

CR:172X - Class 2 instrument

CR:17XA - Features audio recording, data logging & 1:1 octave bands

CR:17XC - Features audio recording, data logging, 1:1, 1:3 octaves & tonal noise detection



## The ultimate tool for occupational and environmental noise

The Optimus+ Green features everything you could ever need for both occupational and environmental noise. It captures data on every noise parameter simultaneously and meets international standards governing noise measurement. The sound level meter has been designed with you in mind and helpful features like VoiceTag, help you capture and analyse all vital information, easily.

### Available as a standalone meter or as a measurement kit

The Optimus+ Green is available as a full measurement kit or as part of an outdoor measurement kit. The weatherproof design of the optional kit means you can leave your instrument outside for short-term environmental measurements, ensuring you don't miss a thing. The standard kit includes:

- Your sound level meter
- An acoustic calibrator
- A software USB
- A windshield
- A USB cable
- Batteries

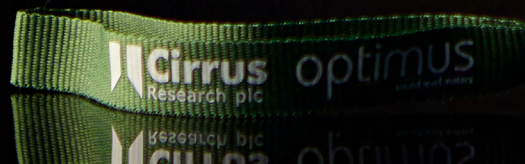
### Comply with regulations, anywhere in the world

Because the Optimus+ Green records all noise parameters, the data it provides can be used to create reports that meet regulations from almost anywhere in the world, including UK and EU directives, and OSHA and MSHA in the United States.

### Licence-free software, that's complimentary\*

With Bluetooth® connectivity, the Optimus+ can connect to any iOS or Android mobile device through the dBActive application. You can start, stop and pause measurements as well as view live noise data from up to 10 metres away, meaning that the Optimus+ can be used in areas with limited accessibility.

To ensure you get the most out of your investment, all our sound level meters are supplied with our licence-free data download, analysis and reporting software. NoiseTools allows you to review measurement data and create easy-to-understand reports that can be used to influence decisions when it comes to controlling/reducing noise levels.



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\*software capabilities are dependent on the functionality of your sound level meter

For our full range visit  
[cirrusresearch.co.uk](http://cirrusresearch.co.uk)

