

NoiseMeters Limited

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CR:514 & CR:515 acoustic calibrators

- > IEC 60942:2003 Class 2 & Class 1 Performance
- > 94dB Sound Pressure Level Output
- > Suitable for use with 1/2" microphone capsules
- > Automatic power switch off with user override
- > Long battery life



The CR:514 and CR:515 are high performance acoustic calibrators designed for the field and laboratory calibration of sound level meters and other noise measurement equipment.

The units are simple to operate and meet the requirements of the latest IEC 60942:2003 standard for Acoustic Calibrators with performance to Class 2 (CR:514) and Class 1 (CR:515).

The calibrators provide an output level of 1kHz at a sound pressure level of 94dB and are suitable for use with 1/2" microphone capsules.



Easy access to the battery for replacement as well as a robust design allow the CR:514 and CR:515 units to be used for both field calibration of sound level meters as well as for precision calibration of other sound measurement equipment.

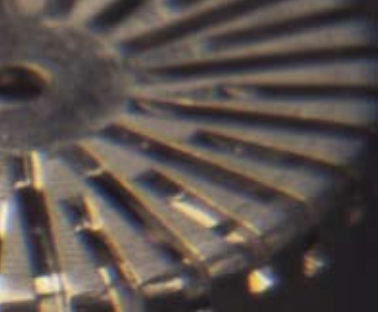
A single push button is used to switch on the calibrator and the unit will automatically switch off after 3 minutes to conserve battery life. The user can override the automatic switch off allowing the unit to be used for longer periods if required.



The calibration of sound level meters and other noise measurement equipment is vital to ensure that any measurements taken are accurate and comply with any regulations and guidelines that are being followed.



dedicated to noise measurement.



CR:514 & CR:515

acoustic calibrators

The CR:514 and CR:515 Acoustic Calibrators provide a simple and reliable method of carrying out both field and laboratory calibration of noise measurement equipment.

CR:514 and CR:515 Acoustic Calibrators can be ordered as individual units and are supplied with a user manual, certificate of calibration and a battery.



specifications

applicable standards	CR:514 IEC 60942:2003 Class 2 CR:515 IEC 60942:2003 Class 1
sound pressure level (re 20µPa)	94dB± 0.4dB (CR:514) 94dB± 0.2dB (CR:515)
frequency	1kHz ±0.2%
distortion	<1%
reference conditions	23°C, 101.3kPa, 65% RH
microphone size	½" (to IEC 1094-4)
battery type	1 x 9v (6LR61, 6F22)
dimensions	138mm x Ø47mm
weight	220 gms with battery
controls	Push button start, Automatic switch off with green LED indication. User override of automatic switch off
CE classification	EMC EN50081-1, EN 50082-1 Safety EN 61010-1, 1993 portable equipment pollution category 2



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