

Dual-Level Acoustic Calibrator

Field Calibration for
Sound Level Meters
& Dosimeters

The CR:516 (Class 2) and CR:517 (Class 1) are high-performance dual-level acoustic calibrators designed for the field calibration of noise measurement equipment. Both can calibrate to either 94dB or 114dB at 1kHz, allowing you to use one instrument to calibrate both sound level meters and noise dosimeters. The CR:516 and CR:517 are incredibly simple to operate and meet IEC 60942: 2017.

Key features:

- Simple to use
- Calibrates to 94dB and 114dB
- Calibrates both sound level meters and noise dosimeters
- Suitable for use with ½" microphone capsules
- Automatic power switch off with user override giving longer battery life
- Lightweight and ergonomic design

Technical Specifications

Applicable standards	CR:516 IEC 60942:2017 - Class 2 CR:517 IEC 60942:2017 - Class 1
Sound pressure level (re 20µPa)	94.0dB ± 0.4dB (CR:516) 94.0dB ± 0.2dB (CR:517) 114.0dB ± 0.4dB (CR:516) 114.0dB ± 0.2dB (CR:517)
Frequency	1kHz ± 1%
Distortion	< 2%
Reference Conditions	23°C, 101.3kPa, 65% RH
Microphone size	½" (to IEC 1094-4)
Calibration adaptor	QD:7 for use with ¼" microphone capsules
Battery type	1 x 9v (PP3, 6LR61, 6F22)
Dimensions	121mm x ø47mm
Weight	220 gms with battery
Controls	Push button to start and set to 94dB. Push again to calibrate at 114dB. Automatic switch-off with green LED indication. User override of automatic switch-off.
CE classification	EN 61000-6-3:2007+A1:2001 EN 61000-6-1:2007



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