

CR:516 Class 2 Dual-Level Acoustic Calibrator

CR:517 Class 1 Dual-Level Acoustic Calibrator

For the field calibration of sound level meters to 94dB and 114dB at 1kHz

What are the CR:516 and CR:517?

The CR:516 and CR:517 are high-performance dual-level acoustic calibrators designed for the field and laboratory calibration of sound level meters and other noise measurement instruments. The units are simple to operate and meet the requirements of the IEC 60942 standard for sound calibrators, with performance to Class 2 (CR:516) and Class 1 (CR:517).

Key features

- IEC 60942 Class 2 and Class 1 performance
- 94dB sound pressure level output
- 114dB sound pressure level output
- Robust case with ergonomic design
- Easy to operate

Technical specifications

Applicable standards	CR:516 IEC 60942:2003 Class 2 CR:517 IEC 60942:2003 Class 1
Sound pressure level (re 20µPa)	94.0 dB ± 0.4dB (CR:516) 94.0 dB ± 0.2dB (CR:517) 114.0 dB ± 0.4dB (CR:516) 114.0 dB ± 0.2dB (CR:517)
Frequency	1kHz ± 1%
Distortion	<2%
Reference conditions	23°C, 101.3kPa, 65% RH
Microphone size	1/2" (to IEC 1094-4)
Calibration adaptor	QD:7 for use with 1/4" microphone capsules
Battery type	1 x 9v (PP3, 6LR61, 6F22)
Dimensions	121mm x Ø47mm
Weight	220 gms with battery
CE classification	EN 61000-6-3:2007+A1:2011 EN 61000-6-1:2007

