

CR:518 Class 2 Acoustic Calibrator with 114dB output



Overview

The CR:518 is a high performance acoustic calibrator designed for the field and laboratory calibration of sound level meters and other noise measurement equipment.

The CR:518 is simple to operate and meets the requirements of the latest IEC 60942:2003 standard for Acoustic Calibrators with performance to Class 2.

The CR:518 is part of the CR:510 Acoustic Calibrator family which also includes the Type Approved CR:515 (94dB Class 1) and CR:514 (94dB Class 2) instruments.

Specifications

Applicable standards

IEC 60942:2003 Class 2

Sound pressure level (re 20 μ Pa)

114dB \pm 0.4dB (CR:518)

Frequency

1kHz \pm 1%

Distortion

<2%

Reference conditions

23°C, 101.3kPa, 65% RH

Microphone size

1/2" (to IEC 61094-4)

Calibration adaptor

QD:7 for use with 1/4" microphone capsules

Features

- IEC 60942:2003 Class 2
- 114dB Sound Pressure Level Output
- Suitable for use with 1/2" microphone capsules
- Automatic power switch off with user override giving longer battery life
- Lightweight design
- Robust case with ergonomic design

Battery type

1 x 9v (PP3, 6LR61, 6F22)

Dimensions

121mm x \varnothing 47mm

Weight

220 gms with battery

Controls

Push button start, Automatic switch off with green LED indication

User override of automatic switch off

CE classification

EN 61000-6-3:2007+A1:2011

EN 61000-6-1:2007



CR518/07/17/r3EN



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