



CA111 & CA114

Sound Calibrator for Measuring Microphones



Sound generator device CA111 and CA114 for calibration of measuring microphones:

Sound calibration devices of the CA1xx series are very stable class 1 and 2 precision calibrators for technical acoustics. The devices can be used with 1/4" and 1/2" microphone's.

The internal reference microphone and control loop circuit, guarantees a microphone type independent precise calibration.

TECNICAL SPECIFICATIONS

sound level 94/114dB
automatic switch off
durable device
operation display via LED
delivery with calibration test report
high accuracy through internal reference microphone and microprocessed controlling

CALIBRATION SIGNAL CA111 SPECIFICATIONS

accuracy class 1 by IEC60942:2003, AN-SI S1.40-1984 and GB/T 15173-1993
sound pressure level 94dB/114dB switchable
accuracy ± 0.3 dB
frequency 1000Hz $\pm 0.5\%$
harmonic distortion THD $< 2\%$

All informations including product design are subject to errors or changes. 01/2020.

REFERENCE CONDITIONS

ambient temperature	25°C
ambient pressure	101,3 kPa
humidity	55% RH
effective load volume	250mm ³
equivalent free-field level	-0,2dB for 1/2" Microphone
stabilization time typic	<10s

OTHER CHARACTERISTICS

storage temperatur	-25..+70°C
working temperatur	-10..+50°C
working pressure	65..108kPa
humidity	10%..90%RH (non condensing)
power supply	2x AA alkaline batteries
lifetime with one set of batteries	40h
dimensions	75x70x46mm ³
weight	310g incl. batteries