

Class 2 Sound Calibrator

94 dB



This calibrator is a portable acoustic calibrator compliant with IEC 60942:2017 Class 2. It supports a single frequency of 1000 Hz and a single sound pressure level of 94 dB. Built around an SPL feedback loop, it performs real-time sound pressure monitoring and closed-loop regulation to help maintain a stable and consistent calibration output.

It supports USB-C charging with pass-through operation, quick top-up charging, and long runtime, and features automatic power-off. With a monochrome OLED display, a carbon-fiber housing, and four top-mounted status LEDs, it is suitable for basic calibration and routine verification applications.

Key Features

- Calibrated sound pressure: 94 dB
- Calibration frequency: 1000 Hz
- Compliant with IEC 60942:2017 Class 2
- SPL feedback loop for real-time monitoring and closed-loop regulation
- For 1/2" and 1/4" measurement microphones (with adapter)
- USB-C charging with pass-through operation and automatic power-off
- Monochrome OLED display, readable under strong ambient lighting
- Impact- and scratch-resistant carbon-fiber composite housing with four status LEDs
- 3-year warranty; recommended calibration interval of 12 months

Applications for Sound Level Measurement

- Sound level meter calibration
- Microphone sensitivity testing
- Acoustic measurement system calibration

Technical Specifications

Frequency	1000 Hz
Frequency Accuracy	< 0.5 Hz
Sound Pressure Levels (SPL)	94 dB
SPL Accuracy	< 0.3 dB
Short-term stability	< 0.1 dB
THD+N	< 2.5 %
Supported Microphones	1/2" and 1/4" measurement microphones (with adapter)
Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F)
Operating Pressure	65 kPa to 108 kPa
Operating Humidity	0 to 90 % RH, non-condensing
Storage Temperature	-10 °C to +50 °C (14 °F to 122 °F)
Power Supply	Built-in Li-ion battery, USB-C (5 V, 1 A)
Compliance	IEC 60942:2017 Class 2
Dimensions L x W x H	75 x 75 x 30 mm
Accessories included	1/2" adapter; 1/4" adapter
NTi Audio #	600 000 405

All information is subject to change without notice.

Calibrator manufactured for NTi Audio by Crysound, Type CRY3012 (source datasheet DS326384).