



Class 1 Sound Level Calibrator

The CAL601, Class 1 Sound Level Calibrator, is used for the calibration of the pressure sensitivity of the microphone and sound level measuring equipment. The design of CAL601 is based on a feedback arrangement to ensure a high stable sound pressure level. The performance is very stable; it does not require revision to the microphone equivalent volume. CAL 601 conforms to the standard of IEC60942 (2003) Class 1.

Features

- Easy to use interface
- Compact design
- Included carrying/storage case



Call Outs



Description Of Calibrator

1. Metal silver battery cover.
2. Power ON red LED.
3. Power ON and -20dB button.
4. $1/2$ " adapter.
5. 0.936 " internal cavity of calibrator.

Specifications

Standard	IEC 60942(2003) and ANSI SI.40 (1984)
Sound Pressure Levels	94 and 114 dB (reference of $2 \times 10^{-5} \text{PA}$)
Accuracy	94 ± 0.3 dB and 114 ± 0.5 dB
Frequency	1000 Hz $\pm 1\%$
Distortion	$\leq 1\%$
Stable Times	3 s
Battery	9 V 006P or IEC6F22 or NEDS 1604
Operating Temperature	14 to 122°F (-25 to 50°C)
Storage Temperature	-13 to 158°F (-25 to 70°C) <90%
Atmospheric Pressure	65KPa to 100KPa
Weight	about 250 g (including $1/2$ " adapter and battery)
Dimensions	$\varphi 2.08$ " x 4.6" (53 x 117 mm)

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