



Sound Level Meter Calibrator

Model: 72-2680

IMPORTANT SAFETY INFORMATION

Please read these instructions carefully before use and retain for future reference.

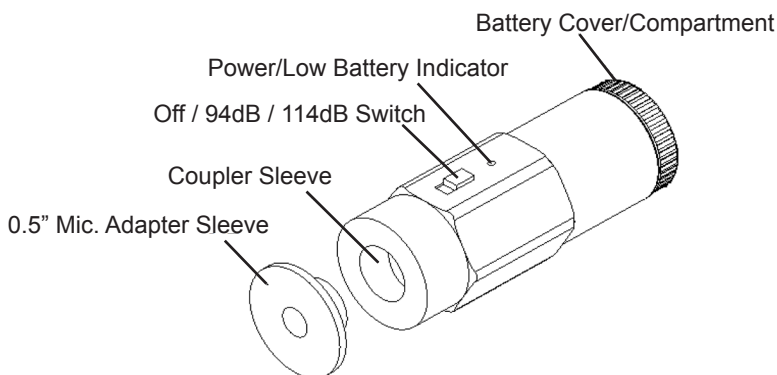
- Please operate according to this manual, otherwise the calibration provided by the device will be impaired or fail.
- Check the condition before using. If you find any cracking, breakage, damage or abnormality, or you consider the device broken, stop using the device immediately.
- Do not store or operate the instrument at high temperature and high humidity environment.
- Keep the calibrator dry and avoid severe vibration.
- Replace the batteries as soon as indicated by the low battery warning.
- Remove dead batteries from the meter or if it is not going to be used for a long time.
- Never mix old and new batteries together, or different types of batteries.
- Never dispose of batteries in a fire, or attempt to recharge ordinary batteries.
- Before replacing the battery, turn off the calibrator.
- To prolong battery life turn off the calibrator after use.

WHAT'S INCLUDED

- Sound level meter calibrator and batteries
- 0.5" microphone adaptor
- Screwdriver
- Instruction manual
- Storage case

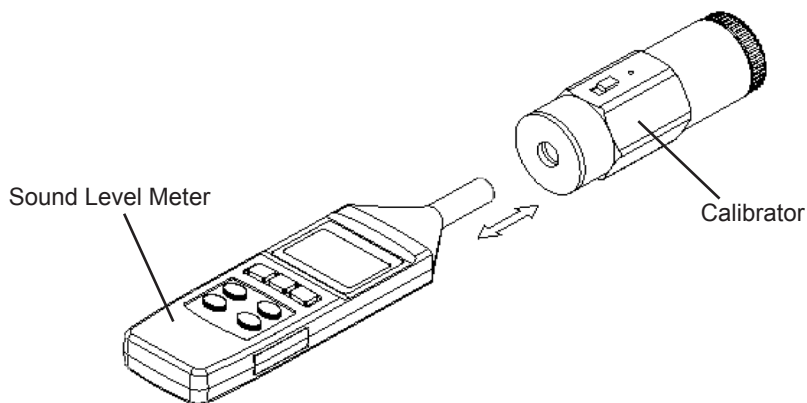
FEATURES

- This Sound Level Meter Calibrator has been designed to meet the measurement requirements of safety Engineers, Health, Industrial safety offices and sound quality control in various environments.
- 94dB or 114dB calibration settings.
- Can be used with 0.5" or 1.0" diameter sound level meter microphones.
- Low battery indicator.



CALIBRATION FUNCTION

- If the sound level meter to be calibrated has a 0.5" microphone, fit the supplied adaptor sleeve to the coupler on the Calibrator. 1.0" microphones fit directly without the adaptor.
- Insert the microphone of the meter to be calibrated carefully all the way into the coupler section of the Calibrator.
- On the sound meter to be calibrated, set the range suitable for either 94dB or 114dB.
- Set the Calibrator to either 94dB or 114dB as required.
- The Calibrator will output a pure 1000Hz tone at the specified level.
- Adjust the calibration potentiometer on the sound level meter (screwdriver supplied) until the sound level meter displays precisely the correct level (see operation manual for the sound level meter for detailed instruction).
- When calibration is complete, switch off both devices and remove the sound level meter from the calibrator.



MAINTENANCE

Changing the battery

- Under normal operation, when the Calibrator is switched on the Power/Low Battery Indicator will illuminate to indicate the battery voltage is normal. If the Battery Indicator does not light up, then the batteries are under the minimum required voltage for correct operation and should be replaced.
- To install or change the 9V batteries, open the battery compartment. Replace only with the same type of batteries noting the correct polarity.
- Replace the battery cover before use.

Cleaning the casing

- Wipe using a damp cloth or sponge. Do not use solvents as these may damage the casing. Do not immerse in water.

SPECIFICATION

Frequency	1000Hz $\pm 2\%$
Calibration Sound Pressure Level	94dB ± 0.75 dB 114dB ± 0.9 dB
Suitable Microphone Type	1" mic. & 0.5" mic using adaptor.
Distortion	94 dB range harmonic distortion $\pm 2\%$ 114 dB range harmonic distortion $\pm 5\%$
Operating Temperature	0 to 50°C (32 to 122°F)
Power Supply	DC 9 V battery (006P, 6F22) x 2 off * Recommend use of Alkaline or heavy duty type
Power Consumption	Approx. DC 7mA
Battery Check	Build in low battery indicator
Weight	Approx. 350g / 0.77lb (include the batteries)



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT

These symbols indicate that separate collection of Waste Electrical and Electronic Equipment (WEEE) or waste batteries is required. Do not dispose of these items with general household waste. Separate for the treatment, recovery and recycling of the materials used. Waste batteries can be returned to any waste battery recycling point which are provided by most battery retailers. Contact your local authority for details of the battery and WEEE recycling schemes available in your area.



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