Sound Level Calibrator
Operation Manual



INTRODUCTION

Thank you for purchasing the sound calibrator, it is an accurate and easy to operate in house, make sure you have read the manual carefully before starting to operate calibration

FEATURES

1.Setting standard sound levels at 94dB and 114dB.
2.1/2" microphone adapters provided.
3. With power indicator.

DESCRIPTION

(1) Power and output level select switch.
(2) Cavity of Sound-Level Calibrator.
(3) Battery cover.
(4) Power indicator.
(5) The ½" adapter. (Fixed on the calibrator)



SPECIFICATION

1. Standard: ANSI S1.40-1984 and IEC942 1988 Class2.
2. Output sound level: 94dB and 114dB.
3. Output frequency: 1kHz ±4%.
4. Accuracy: ±0.5dB.
5. Battery: 9V, 006P or IEC 6F22 or NEDA 1604.
6. Power indicator: The LED indicator will be off, if battery voltage is low.
7. Battery life: App. 20 hrs. (Alkaline)
8. Dimension: D48x 125mm , 285g weight
9. Operation:0~40ºC(32~104ºF), 10~70%RH
10. Storage:-10~60℃,10~90% RH.

BATTERY REPLACEMENT

Replace with new battery in order to get accurate calibration result once red LED indicator light is off.

Counterclockwise rotate the top black part(label side) carefully, insert with a new 9V battery and clockwise close gently.



Step 1



Step 2



Step 3

TEST PROCEDURES

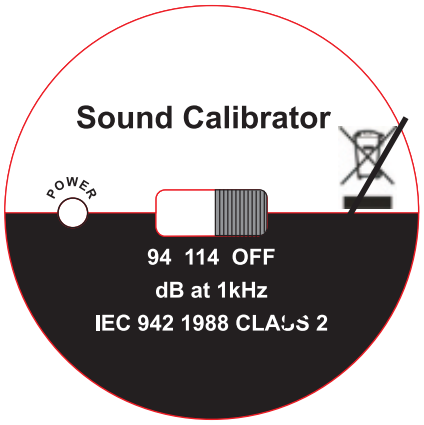
(1)Open the battery cover, and insert the battery in position.

(2)Make sure you are using a ½'' electret microphone sound meter and plug into the Sound-Level Calibrator.(See below photo)

(3)Turn on power switch and set sound level to 94dB or 114dB position.(See below photo)

(4)Read the level on the microphone instrument under test and adjust the sensitivity control for the correct indication of the Sound-Level Calibrator level selected in step.





NOTICE

(1)Use the Sound-Level Calibrator as specified in this manual; otherwise, the protection provided by this meter may be impaired.

(2)When using Sound-Level Calibrator, environment noise level should be less than 10dB of output sound.

(3) Environment conditions:
a. Altitude up to 2000 meters.
b. Relative humidity up to 90%.
c. Operation ambient 0~40℃ (32~104℉)

(4) For long time unused, recommend to take out the battery to prevent the battery leaking which could damage the Sound-Level Calibrator.

STANDARD PACKING

Package supplied with:
1. Sound calibrator
2. Operation manual
3. Battery
4. Deluxe carrying case

P.S. Meter in the photo is optional