

# SOUND CALIBRATOR

Model : SC-941

*ISO-9001, CE, IEC1010*



## FEATURES

- \* Use to calibrate the " Sound Level meter " precisely.
- \* 1000 Hz frequency .
- \* 94 dB Sound Pressure Level
- \* Suitable for 0.5 & 1 inch microphone.  
Total harmonic distortion : 2 %.
- \* According IEC942, Class 2 Standard
- \* Power by 006P DC 9V battery, 2 PCs.
- \* Durable bench type housing case.
- \* Built-in over input protection.



 **Lutron**

**LUTRON ELECTRONIC**

*The Art of Measurement* 

# 94 dB SOUND CALIBRATOR

Model : SC-941

## FEATURES

Standard 94 dB 1000 Hz sound calibrator, useful to calibrate the " Sound Level meter " precisely.

## SPECIFICATIONS

Frequency	1000 Hz $\pm$ 2 %.
Sound Pressure Level	94 dB $\pm$ 0.75 dB.
Suitable Microphone Type	0.5 inch or 1 inch microphone.
Total harmonic distortion	$\pm$ 2 %.
Standard	According IEC942, Class 2
Operating Temp.	0 to 50 °C (32 to 122 °F).
Power Supply	Heavy duty or Alkaline type, DC 9V battery. 006P, MN1604 ( PP3 ) or equivalent, 2 PCs.
Power Consumption	Approx. DC 7 mA.
Battery Check	Build in " Battery test indicator "
Dimension	Dia 50 mm ( round ) x 145 mm ( length ).
Weight ( including batteries )	Approx. 350 g/0.77 LB.
Accessories Included	Instruction manual..... 1 PC. 0.5" mic. adapter..... 1 PC. Adjust Screw Driver..... 1 PC. Carrying case, CA-03..... 1 PC.

## CALIBRATION PROCEDURES

- 1) If the calibrated " SOUND LEVEL METER " used the 0.5" microphone, then on the " Couple Section " should install the " 0.5" Mic. Adapter " first.  
*Consideration :*  
*If the calibrated " SOUND LEVEL METER " used the 1 inch microphone, then on the " Couple Section " should take away the " 0.5" Mic. Adapter ".*
- 2) Insert the microphone of calibrated " SOUND LEVEL METER " carefully all the way into the coupler section of the Sound Calibrator.
- 3) Set the calibrated " SOUND LEVEL METER " to a range suitable for measuring " 94 dB ".
- 4) Set the " Off/BAT. TEST/On Switch " to " ON " position.  
**A pure 1,000 Hz tone is produced.**
- 5) Adjust the calibration VR (knob) of the " Sound Level Meter ". until that the display reach to 94.0 dB exactly.

\* Appearance and specifications listed in this brochure are subject to change without notice.

0607-SC941

