

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 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 0.8 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.