

SOUND CALIBRATOR *94 dB and 114 dB*

Model : SC-942

ISO-9001, CE, IEC1010



FEATURES

- * Useful tool to calibrate the Sound Level meter precisely.
- * Frequency : 1000 Hz \pm 5 %.
- * Sound Pressure Level : 94 dB and 114 dB.
- * Suitable Microphone Type : 0.5 inch or 1 inch microphone.
- * Power : 2 PCs 006P DC 9V batteries.



Lutron

LUTRON ELECTRONIC

The Art of Measurement

94 dB & 114 dB SOUND CALIBRATOR

Model : SC-942

FEATURES

Standard 94 dB and 114 dB/1000 Hz sound calibrator, useful to calibrate the " Sound Level meter " precisely.

SPECIFICATIONS

| | | |
|--------------------------------|--|----------------------|
| Frequency | 1000 Hz \pm 2 %. | |
| Sound Pressure Level | 94 dB range | 94 dB \pm 0.75 dB. |
| | 114 dB range | 114 dB \pm 0.9 dB. |
| Suitable Microphone Type | 0.5 inch or 1 inch microphone. | |
| Total harmonic distortion | 94 dB range | \pm 2 %. |
| | 114 dB range | \pm 5 %. |
| 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 | Round 50 mm dia. x 82 mm. | |
| 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

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|----|---|
| 1. | Insert the microphone of " SOUND LEVEL METER " carefully all the way into the coupler section of the SC-942. |
| 2. | Set the " Sound Level Meter " to a range suitable for measuring " 94 dB " or " 114 dB ". |
| 3. | Set the " OFF/94 dB/114 dB " to " 94 dB " or " 114 dB " position. A pure 1,000 Hz tone is produced. |
| 4. | Adjust the calibration VR (knob) of the " Sound Level Meter ". until that the display reach to 94.0 dB or 114.0 dB exactly. |

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

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