

*IEC 61672 class 2, economical type*

# **SOUND LEVEL METER**

**Model : SL-4010**

*ISO-9001, CE, IEC1010*

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**LUTRON ELECTRONIC**

***The Art of Measurement***

# DIGITAL SOUND LEVEL METER

## Model : SL-4010

### FEATURES

* Large LCD display, easy to read.	* LCD display for low power consumption & clear read-out even in bright ambient light condition.
* Characteristic of " A " frequency weighting network are designed to meet IEC 61672 class 2.	
* " Fast " time weighting characteristic mode.	* Used the durable, long-lasting components, including a strong, light weight ABS-plastic housing case.
* Build in adj. VR is available for easy calibration.	
* Condenser microphone for high accuracy & long-term stability.	* Small and light weight design allow one hand operation.
* Hold function to freeze the display value.	* Low battery indicator.
* Warning indicator for over and under range.	* High quality with economical cost.

### SPECIFICATIONS

Display	18 mm ( 0.7" ) LCD ( Liquid Crystal Display ), 3 1/2 digits.
Measurement Range	35 to 130 dB, 3 ranges : <i>range 1 - 35 to 80 dB, range 2 - 50 to 100 dB, range 3 - 80 to 130 dB,</i> <i>Each range with warning indicator for over &amp; under load.</i>
Resolution	0.1 dB.
Measurement Frequency	31.5 Hz to 8,000 Hz.
Frequency Weighting Network	Characteristics of " A " frequency weighting network. <i>The " A weighting " characteristic is simulated as "Human Ear Listing" response.</i>
Time Weighting	Default to " Fast " time weighting characteristics. <i>" Fast time weighting " is simulated the human ear response character.</i>
Accuracy (23 ± 5 °C)	Characteristics of " A " frequency weighting network meet IEC 61672 class 2. Under 94 dB input signal, the accuracy are : <i>31.5 Hz - ± 3.5 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB</i> <i>250 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 1 kHz - ± 1.4 dB</i> <i>2 kHz - ± 2.6 dB, 4 kHz - ± 3.6 dB, 8 kHz - ± 5.6 dB</i>
Calibrator	B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model : 4226.
Microphone type	Electric condenser microphone.
Size of microphone	1/2 inch standard size.
Calibration VR	Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.
Data Hold	Hold function to freeze the display value.
Operating Temp.	0 °C to 50 °C ( 32 °F to 122 °F ).
Operating Humidity	Less than 80% RH
Power Supply	006P DC 9V battery ( heavy duty type ).
Power Consumption	Approx. DC 6 mA.
Dimension	225 x 70 x 28 mm ( 8.9 x 2.8 x 1.1 inch ).
Weight	250 g/0.55 LB ( including battery ).
Standard Accessories	Instruction Manual ..... 1 PC.
Optional Accessories	94 dB Sound Calibrator, Model : SC-941.
	94 dB/114 dB Sound Calibrator, Model : SC-942.
	Sound wind shield ball, Model : SB-01.
	Hard carrying case, Model : CA-06.

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

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