

*IEC 61672 class 2, auto range, economical type*

# **SOUND LEVEL METER**

**Model : SL-3113B**

*ISO-9001, CE, IEC1010*



**Lutron**

**LUTRON ELECTRONIC**

***The Art of Measurement***

IEC 61672 class 2, auto range

# SOUND LEVEL METER

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## FEATURES

* Main functions are designed to meet IEC 61672 class 2.
* A weighting networks comply with standards.
* 0.5" standard microphone head.
* Fast time weighting dynamic characteristic modes.
* Auto range.
* Available for external calibration adjustment.
* Condenser microphone for high accuracy & long-term stability.
* Memory function to store the Max. & Min. value.
* Hold functions.
* Operation key used push button.
* LCD display for low power consumption & clear read-out even in bright ambient light condition.
* Using the durable, long-lasting components, including a strong, light weight ABS-plastic housing case.
* Small and light weight design allow one hand operation.

Frequency	31.5 to 8,000 Hz.
Microphone type	Electric condenser microphone.
Range selector	<i>Auto range</i> : 30 to 130 dB.
Microphone size	Out size, 12.7 mm DIA. ( 0.5 inch).
Weighting Network	Characteristics of A.
Time weighting ( Fast & Slow )	Fast - t = 200 ms  * "Fast" range is simulated the human ear response time.  * The "Fast" response range are designed to meet IEC 61672 class 2 requirement.
Calibrator	B & K (Bruel & kjaer), MULTIFUNCTION ACOUSTIC CALIBRATOR 4226.
Calibration VR	Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.
Operating Temp.	0 to 50 °C ( 32 to 122 °F ).
Operating Humidity	Less than 80% RH.
Power Supply	DC 9V battery, 006P, MN1604(PP3) or equivalent.  * <i>Alkaline or heavy duty type.</i>
Power Consumption	Battery power : Approx. DC 10 mA.
Dimension	240 x 69 x 38 mm (9.4 x 2.7 x 1.5 inch).
Weight	437 g/0.96 LB (including battery).
Accessory Included	Instruction Manual ..... 1 PC.
Optional Accessories	<i>94 dB Sound Calibrator :</i> Model : SC-941.  <i>94 dB/114 dB Sound Calibrator :</i> Model : SC-942.  <i>Sound wind shield ball</i> Model : SB-01

## SPECIFICATIONS

Display	40 mm x 32 mm LCD (Liquid crystal display).
Function	dB ( A frequency weighting ), Time weighting ( Fast ), Hold, Memory (Max. & Min. ).
Measurement Range	30 - 130 dB.
Resolution	0.1 dB.
Accuracy ( 23± 5 °C )	* Meet IEC 61672 class 2, tested under Input signal level on 94 dB & frequency range from 31.5 Hz to 8 k Hz.

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

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