

hybrid power, Patent

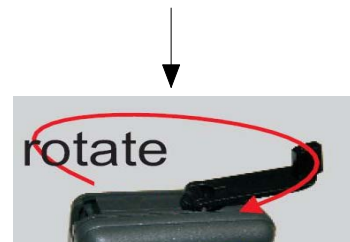
GREEN POWER SOUND LEVEL METER

Model : SL-3113G

ISO-9001, CE, IEC1010



No battery,
Generator power



Lutron

LUTRON ELECTRONIC

The Art of Measurement

GREEN POWER SOUND LEVEL METER

Model : SL-3113G

FEATURES

* Hybrid power, power supply from green power (handy generator) or battery. If power source come from " Green power ", battery is no need. Operate the generator 30 seconds will offer several minutes energy typically.
* 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.

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 ($23 \pm 5 \text{ }^\circ\text{C}$)	* Meet IEC 61672 class 2, tested under Input signal level on 94 dB & frequency range from 31.5 Hz to 8 k Hz.

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 - $t = 200 \text{ ms}$ * "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 $^\circ\text{C}$ (32 to 122 $^\circ\text{F}$).
Operating Humidity	Less than 80% RH.
Power Supply	Green power : * <i>Hybrid power</i> Power from the handy generator, battery is no need. Battery power : 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 1.1.5 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

PATENT	CHINA : ZL200620012764.3	GERMANY : Nr.202006007329.9	TAIWAN : M299401
	JAPAN : 3130269	U.S.A. : PENDING	

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

0801-SL3113G