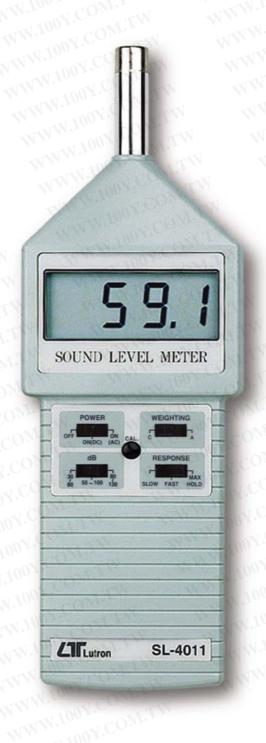
## IEC 61672 class 2

## SOUND LEVEL METER

Model: SL-4011 *ISO-9001, CE, IEC1010* 



勝 特 力 材 料 886-3-5753170 胜特力电子(上海) 86-21-34970699 胜特力电子(深圳) 86-755-83298787 Http://www.100y.com.tw







The Art of Measurement

## **DIGITAL SOUND LEVEL METER**

Model: SL-4011

FEATURES		
* Large LCD display, easy to read.	* Max. Hold function for stored the maximum value on display.	
* Frequency weighting networks are designed to meet the	* Warning indicator for over and under load.	
IEC 61672 class 2.	* LCD display for low power consumption & clear read-out ever	
* A & C weighting networks are conformity to standards.	in bright ambient light condition.	
* Time weighting(FAST & SLOW) dynamic characteristic modes.	* Used the durable, long-lasting components, including a strong	
* AC/DC output for system expansion.	light weight ABS-plastic housing case.	
* Build in adj. VR is available for easy calibration.	* Small and light weight design allow one hand operation.	
* Condenser microphone for high accuracy & long-term stability.	* Low battery indicator.	

	SPECIFICATIONS	
Display	18mm (0.7") LCD (Liquid Crystal Display), 3 1/2 digits.	WWW.TCON.COM
Function	dB (A & C frequency weighting), Time weighting(Fast, Slow), Max. hold, AC & DC output.	
Measurement Range	3 ranges, 30 to 130 dB, input signal only.	
Resolution	0.1 dB.	
Accuracy (23 $\pm$ 5 $^{\circ}$ C)	Frequency weighting meet IEC 61672 class 2, calibrating input signal on 94 dB(31.5 Hz to 8 kHz), then the accuracy of frequency weighting is specified as following: $31.5 \ Hz - \pm 3.5 \ dB, \ 63 \ Hz - \pm 2.5 \ dB, \ 125 \ Hz - \pm 2.0 \ dB$ $250 \ Hz - \pm 1.9 \ dB, \ 500 \ Hz - \pm 1.9 \ dB, \ 1 \ kHz - \pm 1.4 \ dB$ $2 \ kHz - \pm 2.6 \ dB, \ 4 \ kHz - \pm 3.6 \ dB, \ 8 \ kHz - \pm 5.6 \ dB$	
	Characteristics of A & C.	N. M. M. CO. C.
Frequency Weighting Network	A weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, if making the environmental sound level measurement, always select to A weighting.	
WWA	C weighting - The characteristic is near the "FLAT" responsive of machinery (Q.C. check) & knowing equipment.	7 1 0
Frequency	31.5 Hz to 8,000 Hz.	
Calibrator	B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model : 4226.	
Microphone type	Electric condenser microphone.	
Size of microphone	1/2 inch standard size.	
Range selector	30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, with over & under range indicating.	
Time weighting (Fast & Slow)	Fast - t= 200 ms, Slow - t = 500 ms,  * "Fast" range is simulated the human ear response time "Slow" range is easy to get the average values of vibra	
Calibration	* Build in external calibration VR, easy to calibrate by external screw driver.	
Output Signal	AC output - AC 0.5 Vrms corresponding to each range step.  DC output - DC 0.3 to 1.3 VDC, 10 mV per dB.  Out put impedance - 600 ohm.	
Output terminal	3.5 mm phone output terminal is provided for connection with analyzer, level recorder, tape recorder.	
Operating Temp.	0 $^{\circ}\mathrm{C}$ to 50 $^{\circ}\mathrm{C}$ ( 32 $^{\circ}\mathrm{F}$ to 122 $^{\circ}\mathrm{F}$ ).	1002.
Operating Humidity	Less than 80% RH	勝 特 力 材 料 886-3-5753170
Power Supply	006P DC 9V battery(heavy duty type).	胜特力电子(上海) 86-21-34970699
Power Consumption	Approx. DC 6mA.	胜特力电子(深圳) 86-755-8329878
Dimension	255 x 70 x 28 mm (10.0x2.8x1.1 inch).	Http://www.100y.com.tw
Weight	280 g/0.62 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.	
	Hard carrying case, Model : CA-06.	
* Annoquence and annotifications !	isted in this brochure are subject to change without notice	0807-\$14011

 $<sup>^{\</sup>star}$  Appearance and specifications listed in this brochure are subject to change without notice.