Noise Spectrum Analyzer

SL-5868F

Specifications

Microphone	Φ12.7mm (1/2') test condenser microphone
Frequency range	10Hz~20,000Hz
Frequency weighting	A, C, and Lin(Linear)
Range	25dB~130dB (A)
Range control	Manual, three gears, linear range > 60dB
Testing Range	30dB~90dB (dynamic scale display 10~100)
	50dB~110dB (dynamic scale display 30~120)
	70dB~130dB (dynamic scale display 50~140)
Accuracy	In accordance with IEC61672 standard, class 2
Time Weighting	Fast (F), Slow (S), Impulse (I)
Filter	Built in 1/1 and 1/3 octave filter
Display	Large screen dynamic LCD, instantaneous sound level, with analogammeter display.
The output	AC signal output
interface	USB data cable output
Calibration	Use class 1 sound level calibrator
Power Supply	4x1.5V AAA Size (UM-4) Battery
External Power	6V
Weight	185g (Not Including Batteries)
Dimensions	227x63x26 mm
Operating Condition	Temperature: -10~50°C

Standard	Main Unit
Accessories	Windscreen
	Carrying Case(B04)
	Operation Manual
Optional	CD, Data Cable, Bluetooth Data Adapter
Accessories	Bluetooth printer, Printer power adapter
	External power supply (6V)

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Applications

The Noise Spectrum Analyzer is a universal sound level meter that measures the exponential time weighted sound level, an integrated average sound level meter that can measure the time average sound level, and an integrated sound level meter that measures sound exposure. It can also measure Accumulated percentile sound level (statistical sound level), the instrument is also a spectrum analyzer that can measure 1/1 octave filter and 1/3 octave filter, and its performance is in accordance with GB/T3785-2010 standard level 2 And IEC61672:2013 Class 2 sound level meter requirements, but also meet the requirements of IEC1260:2014 Class 2 and GB/T3241-2014 for Class 2 1/1 octave filter and 1 1/3 octave filter. It also meets the JJG 188-2017 standard.

Features

* With built-in 1/1 octave and 1/3 octave filters. Either manual or automatic frequency sweep measurement is available. 12 groups of data can be saved automatically in automatic sweep measurement.
* With the function of integration and statistics, 800 groups of single measurement and 6 days of regular measurement can be achieved. The stored data can be read and printed. The collected data can be checked when the regular measurement ispaused.
* The three time weighting F, S, and I can be selected.
* The digital detection technology is used to replace some traditional sound level meters, the stability and reliability are greatly improved.
* Large screen display is adopted, with clear and intuitive display. With dynamic scale display.
* Optional Bluetooth printer for data printing.
* Use USB data output to connect with PC.
* Provide Bluetooth data output choice.