

Comply With IEC-61672-2002 Class 1

ST-109

Competitive price **USB**

Applications :

Evaluation of environmental noise

Measurements of noise at workplaces

Assessment of product noise

Wide frequency
range: 10Hz~20KHz

Microphone build in preamplifier.

USB interface	Yes
Data stored up	37,000 records
Micro SD card	Up to 32G
Bargraph display	Yes
Display	3 1/2 digit backlit LCD display with maximum reading of 2000
Display refresh rate	1 time / second
Applicable standards	IEC 61672-1 : 2002 Class1 ANSI S1.4 Type 1 CNS NO.7129 Type1 JJG-188-2002 Class1
Microphone	1/2" pre-polarized condenser microphone build in preamplifier : -26 ±2dB (50mV / Pa), frequency range: 10 Hz ~ 20 KHz, heat noise : <28 dB(A)
Measurement items	SPL, Leq, S _{EL} , Max, Min , RT60
Measurement range	30dB ~ 130dB (A) 35dB ~ 130dB (C) 40dB ~ 130dB (Z)
Dynamic range	100 dB
Integrate time setup	randomly, 10s, 1m, 5m, 10m, 30m, 1h, 2h, 4h, 8h, 16h, 24h or set in a given range)
Maximum peak C sound level	measurement 70~133 dB
Time weighting	Fast, Slow, Impulse, Peak
Frequency weighting	A / C / Z
Frequency range	10Hz~20KHz
DC output	2Vdc / 130dB
AC output	2Vrms / 130dB
Battery life	30 hours
Power	LR6 1.5V x4 Alkaline batteries
External power	AC 100V ~ 240V to DC 6~9V/0.5A
Dimension	285x90x39mm.(LxWxH)
Weight	550g (including Batteries) ; 1.35kgs (including package)

