

Easy To Use
Competitive Price.

Dynamic Range 100dB

ST-107

The ST-107 is high performance type 2 integrating sound level meter. It measures LAF, LAS, LAI, LCF, LCS, LCI, LZf, LZS, LZi, LAm_{ax}, LC_{max}, LZ_{max}, LA_{min}, LC_{min}, LZ_{min}, Leq(A,C,Z weight), SPL, SEL, Lc_{peak} functions.

Features :

- Fast, Slow, Impulse response time.
- Wide frequency range : 31.5Hz~8KHz.
- Wide measurement range:30dB~130dB.
- Wide dynamic range : 100dB.
- A/C/Z frequency weighting.

Specifications :

Model	ST-107
USB interface	Yes
Data stored	Up to 37,000 records
Micro SD card	Up to 32G
Bargraph display	Yes
Display	3 ¹ / ₂ digit backlit LCD display with maximum reading of 1999.
Display refresh rate	1 time/second
Major applicable standards	IEC 61672-1 : 2002 Class 2
Microphone	1/2 inch Electrets condenser microphone
Measurement items	SPL, Leq, SEL
Measurement range	30dB~130dB(A) 35dB~130dB(C) 40dB~130dB(Z)
Dynamic range	100dB
Integrate time setup	Randomly , 10s, 1 m, 5m, 10m, 30m, 1h, 8h, 16h, 24h or set in a given range.
Time weighting	Fast, Slow, Impulse, Peak
Frequency Weighting	A/C/Z
Frequency range	31.5HZ ~ 8KHZ
DC output	2Vdc / 130 dB
AC output	2Vrms / 130 dB
Power	LR6 1.5V x4 Alkaline batteries
Battery life	about 30 hours
External power	100V~240V to DC 6~9V/0.5A
Dimensions	285x90x39mm.(LxWxH)
Weight	500g.(including batteries);1.35kgs (including package)

