

ST-107



Easy to use

Competitive price

Dynamic range 100dB

The ST-107 is high performance class2 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, Lcpeak 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 9999
Display refresh rate	1 time / second
Major applicable standards	IEC 61672-1:2002
Microphone	1/2 inch electrets condenser microphone
Measurement items	L _{xyp} , L _{xmax} , L _{xmin} , L _{xeq} , SEL, Lcpeak, RT60
Measurement range	30dB~130dB (A) 35dB~130dB (C) 40dB~130dB (Z)
Dynamic range	100dB
Integrate time setup	Randomly, 10s, 1m, 5m, 10m, 30m, 1h, 8h, 16h, 24h or set in a given range
Time weighting	Fast, Slow, Impulse
Frequency weighting	A/C/Z
Frequency range	31.5Hz~8KHz
DC output	2Vdc /130dB
AC output	2Vrms / 130dB
Battery life	About 30 hours
Power	LR6 1.5Vx4 Alkaline batteries
External power	AC 100V~240V to DC 6~9V/0.5A
Dimension	285x90x 39mm (LxWxH)
Weight	500g (including batteries);1.35kgs (including package)