

INTEGRATING SOUND LEVEL METER

COMPLY WITH IEC-61672-2002 CLASS 1

ST-106

Easy To Use
Competitive Price
Dynamic Range 110dB
Excellent Quality

The ST-106 is high performance class 1 integrating sound level meter.

It measures Lxyi, Lxyp, Lxeq, Lxmax, Lxmin, LAE, Lcpeak, Lzpeak functions simultaneously

FEATURES

- Fast, slow, Impulse response time.
- Sampling frequency: 20.8μs(48KHz).
- Wide frequency range: 10Hz~16KHz.
- Wide measurement range: 30dB~130dB.
- Wide dynamic range: 100dB.
- A/C/Z frequency weighting.



Specifications

Model	ST-106
Display	LCD with Green Yellow Backlight (240x 160 dots) Real time clock, Year, Month, Minute
Display refresh rate	1Hz for value; 10Hz for graph
Major Applicable Standards	IEC 61672-1: 2002 Class 1
Other Standards	IEC60651:1979 TYPE 1 IEC606804:2000 TYPE1
Microphone	½ pre-polarized condenser microphone build in preamplifier: 40mV/Pa, frequency range: 10Hz~16kHz, heat noise: 20dB(A)
Measurement Items	Lxyi, Lxyp, Lxeq, Lxmax, Lxmin, LAE, Lcpeak, Lzpeak, remark: X is A, C, Z and Y is F, S, I
Measurement Range	30dB~130dB(A) 35dB~130dB(C) 40dB~130dB(Z)
Integrate time setup	Randomly, 10s, 1m, 5m, 10m, 20m, 30m, 1h, 2h, 4h, 8h
Time Weighting	Fast, Slow, Impulse, Peak
Frequency Weighting	A/C/Z
Frequency Range	10HZ ~16KHZ
Sampling Frequency	20.8μs(48KHz)
Analog Output	AC 20mV/dB
Starting Time	<10 Seconds
Power Requirement	LR6: 4Alkaline batteries (8 hours)
AC Adapter	Input: 100V~240V, Output: 6V DCV
Size	285 (L) x 90(W) x 39(H) mm,
Weight	500g (including Batteries)