

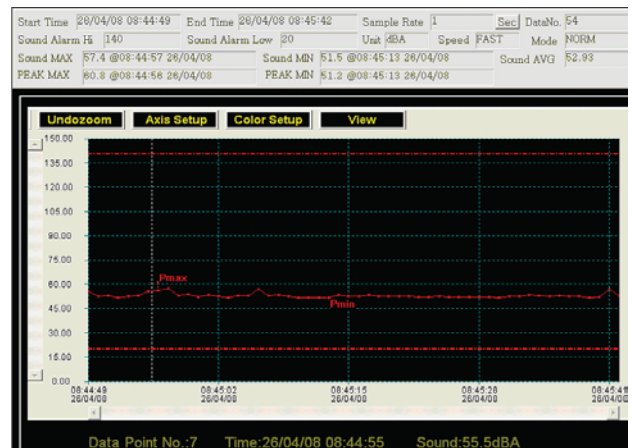
FUNCTIONS DESCRIPTION

This SLD (SOUND LEVEL DATALOGGER) is designed for noise project; quality control; illness prevention and cure and all kinds of environmental sounds measurement. It is applied to the sounds measurement at factory; school; office; traffic access and household, etc.

- This unit conforms to the IEC61672-1 CLASS2 for Sound Level Meters.
- NORM (Normal) & PEAK mode
- Over range indication
- A & C Weighting
- FAST & SLOW response
- Manual & Automatic start

Note:

1. In NORM mode, 20 data will be picked (one datum per 50ms) and the average value of the 20 data will be stored. At the same time, a PEAK MAX. & a PEAK MIN. will be picked within all the sampling data. If sampling rate > 10s, the periphery power will be off before reaching sampling time to save battery energy, This time just need only 30uA electric current.
2. In PEAK mode, DataLogger will always measure data with 50ms spacing. PEAK value means the MAX. and MIN. reading in the whole measurement but not the MAX. and MIN. sampling value. The stored sampling value is the MAX. of the 20 sampling data but not the average.



Data Downloaded from the Instrument

SPECIFICATION

Standard applied	: IEC61672-1 CLASS2
Accuracy	: ± 1.4dB
Frequency range	: 31.5Hz ~ 8kHz
Dynamic range	: 50dB
Measure range	: 30dB~130dB
Data memory	: 129920 data
Sampling rate	: 1 second to 24 hours
Frequency weighting	: A and C
Time weighting	: FAST 125MM, SLOW 1SECOND
Microphone	: 1/2 inch electret condenser microphone
Operating indication	: green LED flash
Memory full indication	: yellow LED flash
Data output	: USB data traffic
Power	: one 3.6V battery, specs:14250 or 1/2AAA
Electric current	: when measuring,5.5mA; when periphery power is off or stop measuring:30uA
Battery life	: About 200 hours
Operation temperature and humidity	: 0°C ~40°C, 10%RH~90%RH
Storage temperature and humidity	: -10°C ~+60°C, 10%RH~75%RH
Dimension	: 144.12mm x 27.33mm x 14.06mm
System requirement	: Windows 2000 or Windows XP or Vista
Minimum hardware requirement	: 8M EMS memory,2M hard disk,a free USB jack
Accessories	: instruction manual, battery, windscreen, transparent cap, CD 1.

*Technical Specifications & Appearance are subject to change without prior notice