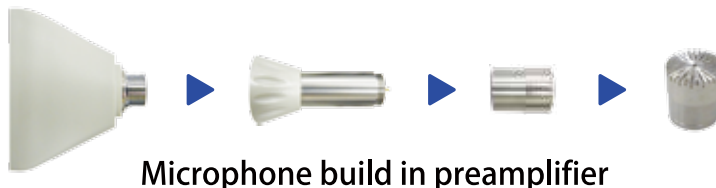


## ST-107S

## Comply with IEC-61672-2002 class 2 CNS NO 7129 Type2 JJG-188-2002-class 2

### Applications

- Evaluation of environmental noise
- Measurements of noise at workplaces
- Assessment of product noise



Microphone build in preamplifier



MICRO SD

### Specifications

Model	ST-107S
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
Applicable specifications	IEC 61672-1:2002 class2 ANSI S1.4 Type2. CNS NO.7129 Type2 JJG-188-2002 class2
Microphone	1/2 pre-polarized condenser microphone build in preamplifier:-32±3dB (250Hz 0dB=1V/Pa), frequency range: 25Hz~12.5KHz, heat noise:<28dB (A)
Measurement items	Lxyp, Lxmax, Lxmin, Lxeq, 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
Maximum peak C sound level Measurement	70~133dB
Time weighting	Fast, Slow, Impulse
Frequency weighting	A/C/Z
Frequency range	20Hz~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
Dimension	285x90x39mm (LxWxH)
Weight	500g (including batteries); 1.35kgs (including package)

## ST-107



MICRO SD

**Easy to use**  
**Competitive price**

**Dynamic range 100dB**

The ST-107 is high performance class 2 integrating sound level meter, It measures LAF, LAS, LAI, LCF, LCS, LCI, LZf, LZS, LZI, LAmax, LCmax, LZmax, LAmin, LCmin, LZmin, 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 1999
Display refresh rate	1 time / second
Major applicable standards	IEC 61672-1:2002
Microphone	1/2 inch electrets condenser microphone
Measurement items	Lxyp, Lxmax, Lxmin, Lxeq, 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	100V~240V to DC 6~9V/0.5A
Dimension	285x90x39mm (LxWxH)
Weight	500g (including batteries);1.35kgs (including package)