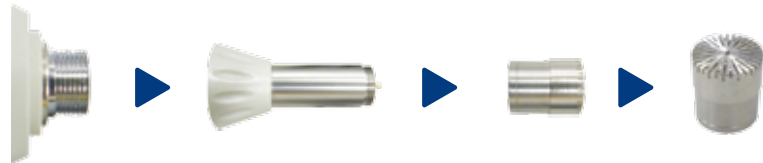


ST-109R

Comply with IEC-61672-1:2002 class 1

Applications:

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



Microphone build in preamplifier

Wide frequency
20Hz~16KHz



Micro SD

USB interface	Yes
Data stored up	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 standards	IEC 61672-1:2002 class 1 ANSI S1.4 Type 1 CNS NO.7129 Type 1 JJG-188-2002 class 1
Microphone	1/2 pre-polarized condenser microphone build in preamplifier: -26 ± 2dB (50mV/Pa), frequency range: 10Hz~20KHz, heat noise: <28dB (A)
Measurement items	Lxyp, Lxmax, Lxmin, Lxeq, LAE, Lcpeak
Measurement range	30dB~130dB (A) 35dB~130dB (C) 40dB~130dB (Z)
Range	30dB~90dB (L) 50dB~110dB (M) 70dB~130dB (H), manual
Dynamic range	60dB
Integrate time setup	Manual, 10s, 1m, 5m, 10m, 30m, 1h, 2h, 4h, 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~16KHz
DC output	10mV/1dB
AC output	1Vrms(±10%)/130dB each range
Battery life	30 hours
Power	LR6 1.5Vx4 Alkaline batteries
External power	AC 100V~240V to DC 6~9V/0.5A
Dimension	285x90x39mm (LxWxH)
Weight	550g (including batteries); 1.35kgs (including package)

ST-106



Comply with IEC-61672-2013 class 1

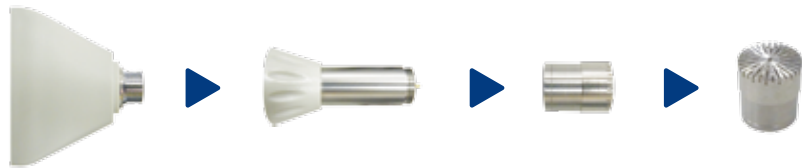
**Easy to use
Competitive price**

**Dynamic range 110dB
Excellent quality**

High performance it measures Lxyi, Lxyp, Lxeq, Lxmax, Lxmin, LAE, Lcpeak, Lzpeak functions simultaneously

Features

- Fast, Slow, Impulse response time
- Sampling frequency: 20.8 μ s (48KHz)
- Wide frequency range: 10Hz~16KHz
- Wide measurement range: 30dB~130dB
- Wide dynamic range: 110dB
- A/C/Z frequency weighting



Microphone build in preamplifier

Specifications

Model	ST-106
Display	LCD with green/yellow backlit (240x160 dots)
Display refresh rate	1Hz for value;10Hz for graph
Major applicable standards	IEC 61672-1:2013 class 1
Other standards	JJG-188 class 1/ ANSI S1.4 Type 1
Microphone	1/2 pre-polarized condenser microphone build in preamplifier:40mV/Pa, frequency range:10Hz~16KHz, heat noise:20dB (A)
Measurement items	Lxyp, Lxmax, Lxmin, Lxeq, SEL, Lcpeak
Measurement range	30dB~130dB (A) 35dB~130dB (C) 40dB~130dB (Z)
Dynamic range	110dB
Integrate time setup	Randomly, 10s, 1m, 5m, 10m, 20m, 30m, 1h, 2h, 4h, 8h
Time weighting	Fast, Slow, Impulse
Frequency range	A/C/Z
Frequency weighting	10Hz~16KHz
Sampling frequency	20.8 μ s (48KHz)
Analog output	AC 20mV/dB
Starting time	<10 seconds
Power	LR 6 1.5Vx4Alkaline batteries
External power	AC 100~240V to DC 5V
Dimension	285x90x39mm (LxWxH)
Weight	500g (including batteries); 2.5kgs (including package)