

ST-106



Comply with IEC-61672-2013 class 1

Easy to use

competitive price

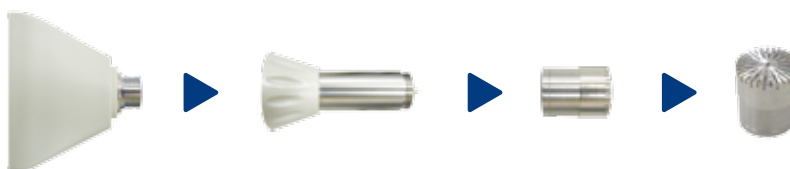
Dynamic range 110dB

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 $\mu$ 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 $\mu$ 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)