

**sisco**

# ***Sound Level Meter***

***MODEL : S8607***

## ***Instruction Manual***



*Thank you for your patronage!*

*Before you use this product, please read this manual carefully, it will teach you the correct operation method and how to protect the instrument, in order to play the excellent performance of the instrument.*

## ***Summary***

*S8607 noise meter is the use of environmental sound level instrument, can be widely used in such as factories, workshops, schools, residential, office areas, traffic roads, audio and other occasions of sound level measurement. Also suitable for noise engineering, product quality control, health prevention and control.*

## ***Safety Attentions***

*The noise meter is designed and manufactured in strict accordance with iec-651 standard. Please use the noise meter in accordance with the specifications.*

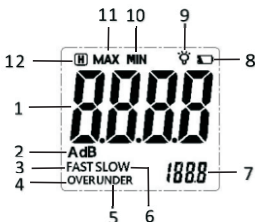
*Operating environment:*

- altitude < 2000 m*
- relative humidity  $\leq 90\%rh$*
- operating temperature  $0\sim +40\text{ }^{\circ}C$*

## ***Features***

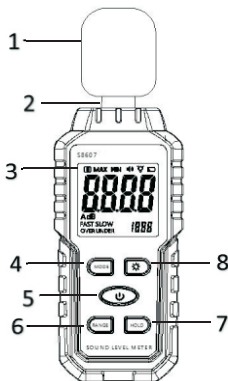
- A Weighted network (automatic switching range display)*
- F/S (fast/slow mode selection)*
- Maximum (MAX) measurement*
- Minimum value (MIN) measurement*
- The measurement result (HOLD) function*
- Sound level OVER or UNDER indicates*
- LCD with Backlight*
- Auto Power Off function*
- Low-battery indicator*

## LCD Display Description



1. Sound level numeric display area
2. A sound level frequency meter weight
3. FAST 4. OVER 5. UNDER 6. SLOW
7. Measuring time (seconds)
8. Low battery symbol
9. Backlight symbol 10. MIN 11. MAX
12. Data holding symbol

## Panel Instruction



1. *Sponge sleeve with dummy head*
2. *Head bracket (built-in head)*
3. *LCD display monitor*
4. *F/S mode selection key*
5. *Power off key*
6. *MAX/MIN measuring key*
7. *Data hold key*
8. *Backlight on key*

## ***Technical Index***

<b><i>Frequency Response</i></b>	<i>31.5Hz~8KHz</i>
<b><i>Measuring Range</i></b>	<i>30~130dB</i>
<b><i>Accuracy</i></b>	<i>±1.5dB( 94dB@1KHz )</i>
<b><i>Display Resolution</i></b>	<i>0.1dB</i>
<b><i>Frequency weighting characteristic</i></b>	<i>A-weighting</i>
<b><i>Battery</i></b>	<i>3 x 1.5V AAA 7#</i>
<b><i>Operating Temperature</i></b>	<i>0~+40℃</i>
<b><i>Operating Humidity</i></b>	<i>10~90%RH</i>
<b><i>Storage Temperature</i></b>	<i>-10~60℃</i>
<b><i>Storage Humidity</i></b>	<i>10~75%RH</i>
<b><i>Boundary Dimension</i></b>	<i>150x50x30mm</i>
<b><i>Weight</i></b>	<i>Net weight: 81g Gross weight: 121g</i>
<b><i>Accessory</i></b>	<i>Instruction manual, sponge cover</i>

## ***Measuring Method***

- *Install the battery: OPEN the battery cover on the back of the instrument, and load 3 No. 7 1.5V batteries according to the battery polarity label in the battery box. Pay attention to the battery polarity, do not install the battery backwards.*

- Press the middle power switch button to enter the automatic measurement state after starting up. The lower left corner of the display displays FAST (fast response mode), the lower right corner value is the current measurement time (unit: second), and the middle display value is the measured field sound level. If the display displays "UNDER" or "OVER" characters, the sound level is lower than 30dB or higher than 130dB.
- Press the MODE key, you can convert the response speed of the noise meter, FAST fast, SLOW slow; Press RANGE key to measure the maximum value of MAX and minimum value of MIN; Press the HOLD key to hold the measured sound level value. Press the backlight button to turn on/off the backlight
- After power-on, the backlight will automatically light up and turn off after 30 seconds. Press the backlight button to turn on the backlight.
- In the boot state, press the power switch and the instrument will shut down immediately.
- Automatic SHUTDOWN: 3 minutes after the stop button, the meter will automatically shut down to save power.
- Low power indicator: When the battery voltage decreases to a certain extent, the battery symbol in the upper right corner of the display will light up. In this case, the battery should be replaced.

## **Warm Prompt**

- Do not use in high temperature and humid place.
- Remove the battery if not used for a long time to avoid battery leakage and damage to the instrument.
- For outdoor sound level measurement, put a windproof sponge on the head holder to avoid airflow noise caused by the wind.
- If the battery symbol is displayed in the upper right corner of the screen, the battery voltage is too low. Replace the battery.

## ***Particulars Furnished***

- *Meters are handled in accordance with local laws and regulations.*
- *The company reserves the right to update and modify the product design specifications and instructions without prior notice.*



RoHS

