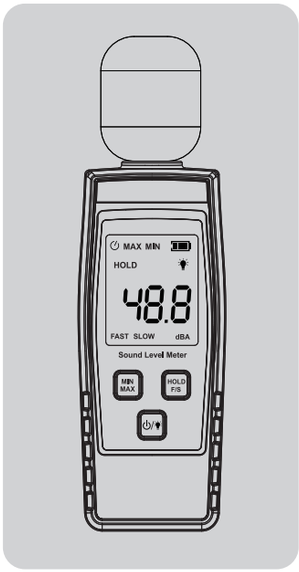
174.00 mm

58.00 mm

138.00 mm

Sound Level Meter Instruction manual



⚠ Before using the instrument,please read this manualcarefully,and save it well for future using.

Version No: EN-1359-00

I. Introduction

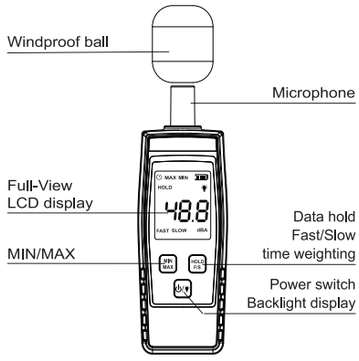
The digital sound level meter features a novel, compact and portable design. It is suitable for noise measurement in engineering, quality control, occupational health protection and various environmental noise assessments, including applications in factories, offices, transportation routes, households, audio equipment testing and other scenarios.

Product Features:

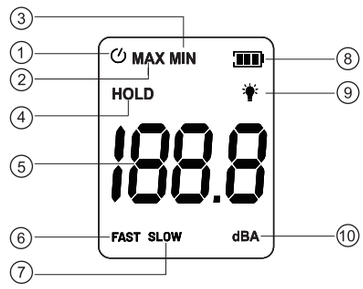
- Sound level measurement.
- MIN/MAX reading.
- Data Hold function.
- Full-view HD backlight display.
- Manual / Auto power-off.
- Fast / Slow time weighting selection.
- Upgraded soft silicone protective cover.

II. Name of Each Component

(1) Product details



(2) Display



① Automatic power off	⑥ Fast (F) time weighting
② Max value	⑦ Slow (S) time weighting
③ Min value	⑧ Battery level
④ Data hold	⑨ Backlight display
⑤ Sound level	⑩ Measurement unit

III.Operation

1.Press the “⏻/☀” button to turn on the meter.

2.After powering on, the meter will display readings and enter the measurement mode automatically.

3.Hold the meter with its microphone facing the sound source to be measured.

4.Read the measured value from the display screen.

5.Press and hold the Power key “⏻/☀” to turn off the meter.

正面

IV.Data Hold

Press the “HOLD F/S” key once to activate the data hold function.

Press the “HOLD F/S” key again to deactivate the function and return to normal measurement mode.

V.Max/Min

1.Press the “MIN MAX” button once to activate the MAX/MIN mode.The meter will display the highest reading recorded while this function is enabled, and the “MAX” icon will appear on the screen.

2.Press the “MIN MAX” button again to display the lowest reading recorded while this function is enabled, and the “MIN” icon will appear on the screen.

3.Long press the “MIN MAX” key to return to normal measurement mode.

VI. Fast/Slow Time Weighting Selection

Long press the “HOLD F/S” button to select the FAST (125 ms) or SLOW (1sec) time weighting. The “FAST” or “SLOW” icon will appear on the display.

Select the FAST response to capture noise peaks and emerging noise. Select the SLOW response to monitor steady-state noise levels and average out rapidly changing noise.

For most applications, the FAST response is recommended as the default setting.

VII.Backlit Display

Press the “⏻/☀” button once to turn on the LCD display backlight.

Press the button again to turn off the backlight.

VIII.Auto Power Off

This meter features an auto power-off function. When enabled, the “⏻” icon will appear on the LCD display. The meter will automatically shut down after 10 minutes of inactivity.

To cancel the auto power-off function, follow these steps:

1.Before turning on this meter, press “HOLD F/S” and keep holding. Then press “⏻/☀” by another finger. Finally release both buttons at the same time to turn on this meter. “⏻” will not be showed on display, which means Automatic Power Off has been cancelled.

2.When this meter is restarted, Automatic Power Off will be enabled again.

IX.Notice

1.When the battery is low, the battery symbol will appear on the LCD display. Replace the batteries immediately.

2.Do not use the meter in high temperature or high humidity environments.

3.If the meter will not be used for an extended period, remove the batteries to prevent electrolyte leakage that may damage the unit.

4.When measuring noise outdoors, attach the windscreen to the microphone to minimize wind interference and ensure accurate readings.

X.Technical Specifications

Measuring Range		30 dB – 130 dBA
Accuracy		±1.5 dB (94 dB, 1 kHz) ± 5 dB (94 dB, 8 kHz)
Freauency		30Hz-8KHz
Frequency weighting		A weighting
Time weighting		FAST: 125ms; SLOW: 1sec
Microphone		Electret condense microphone
Full-View LCD Display		35 × 30 mm
Dimensions		49*33*159mm
Power Supply		3 × AAA Alkaline Batteries
Operating Conditions	Temperature Range	0 °C – 40 °C (32 °F – 104 °F)
	Humidity	10 % – 80 % RH
Storage Conditions	Temperature Range	-10 °C – 60 °C (14 °F – 140 °F)
	Humidity	0 % – 90 % RH

XI. Maintenance

- Do not use corrosive agents or solvents to clean the meter, as these may damage the device.
- Clean the instrument regularly with a soft cloth slightly dampened with mild detergent or a dedicated cleaning solution.

RoHS CE FC MADE IN CHINA

反面

YT1359英文中性说明书

物料编码：60-YT1359-0002-nonbrand-00

材料：157g双铜

规格：174*138mm

公差：±1.0mm

单色双面印刷，风琴三折