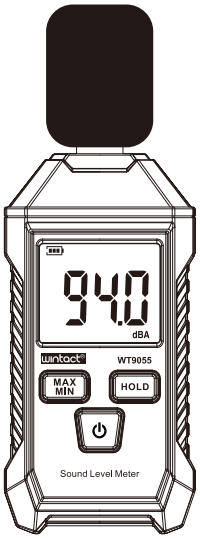
wintact®

MODEL：WT9055

Sound Level Meter
Instruction manual



Version：WT9055-EN-00

A. Introduction

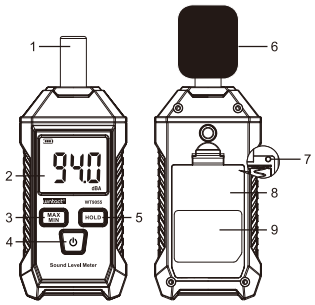
The appearance design of digital sound level meter is novel, small and portable.The sound level meter is applicable for measurement of noise engineering, quality control, health prevention and various environmental noise,including noise measurement in such various places as factories, offices, transporting routes, families, stereo equipment and other places.

B. Product function

1. Sound level measurement(dBA)
2. MIN/MAX/ Lock current value
3. Data Hold
4. LCD backlight function
5. Manual/auto shutoff
6. Backlight alarming

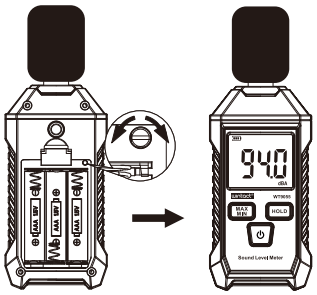
C. Name of parts

1. Electric condenser microphone
2. LCD display
3. Maximum/Minimum button
4. Power /LCD backlight button
5. Data hold button
6. Wind-resistant ball
7. Calibration knob(visible when opening the battery door)
8. Battery door
9. Back sticker



D. Calibration Method

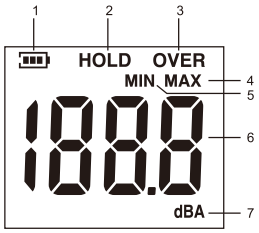
1.Carefully plug the microphone head in 1/2-inch hole of standard sound source (94dB@1KHz);
2.Turn on the power switch of standard sound source (94dB@1KHz), use straight screwdriver to adjust potentiometer located in the opening hole within the machine stick, and make LCD display 94.0.



Notes:
The meter has been adjusted properly; the recommended calibration interval is one year.
Do not adjust the potentiometer if there is no audio source. (This instrument does not come with sound source calibrator.)

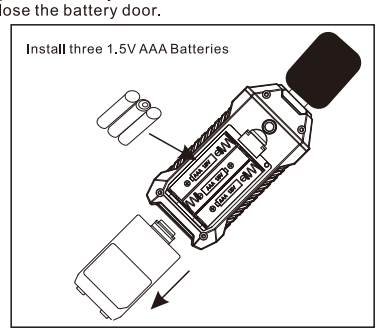
E. LCD Display

1. Battery power
2. Data hold
3. OVER warning sign/reading exceeding measuring range
4. Maximum value
5. Minimum value
6. Sound level value
7. Sound level unit of (A weighting)



F. Operating Instructions

1. Open the battery door, Install three 1.5V AAA Batteries.
2. Close the battery door.



3. Read the sound level:
Press " ⏻ " button, after the 1s full screen of LCD panel, instantly display the sound level value of the current environmental noise, the value changes according to the magnitude of the environmental noise.

4. MAX/MIN mode
Press "MAX/MIN" button, enter MIN measuring mode.The current value will be locked until the minimum value appears and replaces the current value.
Press "MAX/MIN" button again, enter MAX measuring mode,the current value will be locked until the maximum value appears and replaces the current value, press "MAX/MIN" button again, return to measuring mode.

5. Data hold
Press "HOLD" button, the current measuring value will be locked, press "HOLD" button again, quit the lock.

6. LCD backlight
Press " ⏻ " button, LCD backlight is on, press " ⏻ " button again, LCD backlight is off.

7. Shutoff
The meter will automatically power off by default for 10minutes without any operation, or press " ⏻ " button for two seconds, the meter will be turned off by manual,press " ⏻ " button for three seconds when the meter is power-on, the LCD displays [UOF], the meter just can be turned off by manual other than automatic power-off.

8. Backlight alarming setting
(1) After turning on, press the "HOLD" button and the display screen will display [HOLD].
(2) Long press the " ⏻ " button for about 2 seconds. When the [dBA] disappears at the right bottom of the LCD, the alarming setting interface is ready for operation.
(3) Press "MAX/MIN" button or "HOLD" button is to decrease or increase the value of alarming.
(4) Press " ⏻ " button to save the set alarm value. At this time, the measurement interface will be restored, and the alarm value is set. When the measured value exceeds the set alarm value, the backlight will flash.

G. Considerations

1. When the electric power of battery is insufficient,[▭] symbol may appear on LCD to show that the electric power of battery is insufficient;the new battery must be replaced.
2. Please do not use the meter under a high temperature and humid environment.
3. Please take out the batteries when not in use for a long time to avoid electrolyte leakage and damaging the meter.
4. When measuring the noise outside, please mount the wind-resistant ball on the head of the microphone to prevent the microphone from being directly blown by wind and measuring other noise.
5. Regularly wipe the meter with a dry cloth, please do not use solvent to clean up the meter.

H. Technical Parameters

Range	35~130dB(A)
Accuracy	±1.5dB
Frequency Response	31.5Hz~8KHz
Frequency Weighting	A Weighting
Resolution	0.1dB(A)
Working Temperature	0~40℃
Working Humidity	10~80%RH
Storage Temperature	-10~60℃
Storage Humidity	0~90%RH
Power Source	3*1.5V AAA Batteries
Weight	96.38g(Excluding Battery)
External Dimension	53.4*31.4*131.7mm (Excluding Wind-resistant ball)

Specific Declarations:
Our company shall hold no any responisibility resulting from using output from this product as an direct or indirect evidence.
We reserves the right to modify product design and specification without notice.

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