

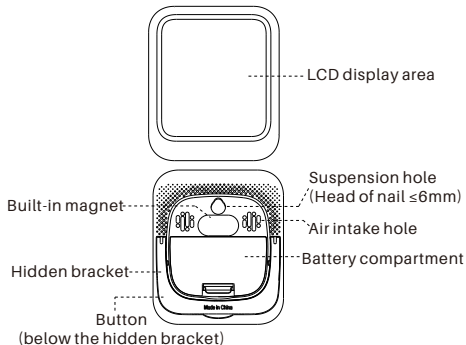
User Manual

Temperature and Humidity Monitor v1.1.0

1. Introduction

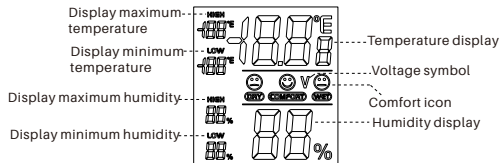
This device measures air temperature and humidity, ideal for use in home kitchens, offices, and bedrooms.

2. Product Schematic



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Full display interface



3. Operation Instructions

(1) Power on/off

Power-on: Insert the battery according to the positive and negative polarity markings inside the battery compartment, and the instrument will automatically power on.

Power off: The device will shut down automatically when the battery level is too low. It cannot be powered off manually.

Note:

- Do not install the battery upside down to prevent short circuits and fires.
- After inserting the battery, securely fasten the battery cover to avoid it popping out.

(2) Key functions

Open the hidden bracket and press the lower-left button briefly to switch temperature units to $^{\circ}\text{C}/^{\circ}\text{F}$. Long-press the button to recalculate the maximum and minimum values of temperature and

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humidity.

(3) Power detection

After the instrument starts up, it displays the voltage of a single battery in the battery compartment. As shown in the figure on the right, the voltage is 1.50V.



4. Comfort icon: 3 icons (☹️, 😊, ☹️)

(1) Humidity below 30%: ☹️ (DRY)

(2) Humidity between 30% and 60%, and temperature between 20°C and 26°C (68°F to 79°F): 😊 (COMFORT)

(3) Humidity above 60%: ☹️ (WET)

Note: If none of the above conditions are met, no icons will be displayed.

5. Precautions

(1) Avoid exposing it to extreme high or low temperatures, as this may cause damage to electronic components and plastic parts.

(2) When the instrument is not in use for an extended period, remove the battery.

(3) Never cause short circuits in instruments or batteries, and never dispose of them in fire. Excessive heat or improper handling may lead to short circuits, fires, or explosions!

6. Technical Parameters

Measuring range	Temperature: -50~70°C (-58~158°F) Humidity: 10%~99%RH
Accuracy	Temperature: $\pm 1^{\circ}\text{C}$ ($\pm 1^{\circ}\text{F}$) Humidity: $\pm 2\%\text{RH}$ (30%~80%) $\pm 3\%\text{RH}$ (other ranges)
Resolution ratio	1°C (1°F); 1%RH
Refresh rate	10 seconds
Comfort icon	DRY: Humidity <30%RH COMFORT: When the temperature is between 20~26°C (68~79°F) and the humidity is between 30%~60%RH WET: Humidity>60%RH If the above conditions are not met, no icon will be displayed.
Usage mode	Bracket placement, hanging hole hanging (Nail width $\leq 6\text{mm}$), strong magnetic attraction
Source	2 pcs of 1.5V AAA dry cell batteries
Outline dimension	66*20*78mm