

HUMIDITY AND TEMPERATURE METER

User Manual



English and Deutsche
Language

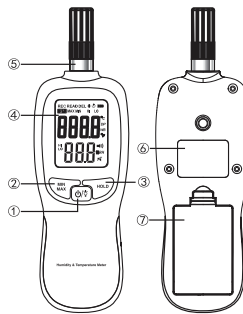


ENGLISH

INTRODUCTION

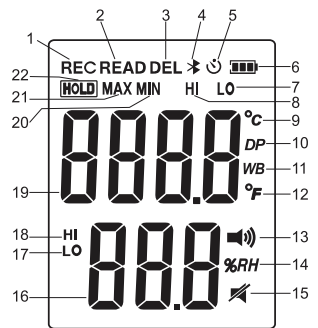
Mini Humidity and temperature meter designed with fashion, small and portable appearance. With safe and reliable performance stability, a low power consumption and high precision, etc

COMPONENTS AND LCD



1. On/off and backlight
2. Max and Min reading
3. Data hold
4. LCD
5. Humidity and temperature sensor
6. Back sticker
7. Battery door

1. Data record
2. Data retrieving
3. Data deleting
4. Bluetooth (for Bluetooth version only)
5. Automatic power off
6. Battery volume
7. Low temperature
8. High temperature
9. Celsius degree
10. Dew point
11. Wet bulb temperature
12. Fahrenheit degree
13. Buzzer alarm
14. Relative humidity unit
15. Turning off buzzer alarm
16. Humidity area
17. Low temperature
18. High temperature
19. Temperature display
20. Minimum value
21. Maximum value
22. Data hold



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COMPONENTS

1. POWER ON

Short press on the "ON/OFF" key and the full screen display appears about 1.5 seconds. And the unit will turn off automatically if there is no further operation for about 15 minutes.

2. POWER OFF

Long press on the "ON/OFF" key turns the unit off.

3. LCD

Short press on the "ON/OFF" key activates the backlight and press on it again to deactivate the backlight.

4. MINIMUM AND MAXIMUM VALUE

Short press on the "MAX/MIN" key to call for the maximum value since powering on, and press again to call for the minimum value, and one more press on the "MAX/MIN" key to exit this mode.

5. VALUE HOLD

Press the "HOLD" key to hold the value and press it again to exit the value hold mode.

6. SWITCH THE UNITS

When the unit is off, press the "UNIT" key and "ON/OFF" key unit the "---C" appears then release the keys, then short press the "UNIT" key to switch the units among the °C, dew point, wet bulb, long press the "ON/OFF" key to turn the units off and save the setup.

7. CANCELLING THE AUTOMATIC TURNING OFF FUNCTION

When the unit is powering off, press the "ON/OFF" key and "ON/OFF" key until the NO appears then release the keys to enter into the measuring mode, finally power off the unit manually to delete the automatic turning off function with an icon "OFF" appears at the right upper of the LCD.

8. DATA RECORD, DATA READING, DATA DELETE FUNCTIONS

In measuring, long press the "REC" key to enter into the mode of data record, access and delete modes selection, with the flashing character RED READ DEL appears at the left upper of the LCD, press the "REC" key to select among data record, data access and data cancel modes then press the "ON/OFF" key to return to normal measuring mode.

a. Data record: in mode selection, press "REC" key to switch to data record mode with REC character flashing, short press the "ON/OFF" key and the flashing stops to confirm the data records can be carried out. The default data interval for temperature and relative humidity is 5 seconds. **Note:** the data is recorded after powering off and can be reviewed after next powering on and repeat the above steps.

b. Data access : by pressing "REC" key to switch to data access mode with the character READ flashing, short press on "ON/OFF" key the flashing stops to confirm the access of the recorded data and the first data

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recorded displays and 1 second later the next data of temperature and RF display. Press the "ON/OFF" key to show the next data and the number of this data recorded appears and 1 second later the RF value appears. Long press on "ON/OFF" key to read at the data rapidly and hold on pressing the key to review the data of 10 pieces at a time.

c. Data cancel: in data mode, short press the "DEL" key to switch to the data delete mode with character DEL flashing and short press the "ON/OFF" key to delete all the data recorded.

9. ACTIVATE THE ALARM FUNCTION

In measuring mode, long press the "Buzzer" key to activate or deactivate the buzzer alarm.

TECHNICAL PARAMETERS

Items	Range	Precision	Max response time
Surrounding temperature	-20°C ~ 70°C (-4°F ~ 158°F)	1°C*	30s
RH range	0% ~ 100% RH	±4%RH**	30s
Dew point	-20°C ~ 50°C	±2°C***	30s
Wet bulb range	-20°C ~ 50°C	±2°C***	30s
Operating current	Without backlight: about 13mA; With backlight: about 17mA		
Powered by	3 x 1.5V AAA batteries		
Size	184 x 56 x 36mm		
Weight	129.2g		

*Temperature Accuracy: ±1% °C between 5 ~ 50° (41 ~ 122°F)

**humidity Accuracy: ±4% RH (25°C(77°F) / 10 ~ 90% RH),

Full range accuracy is ±5%RH.

***Dew point and wet bulb: ±2% °C (5 ~ 50°C(41~122°F) / 10~90%RH).

Warning: Take out the battery if the unit is supposed not in operation for a long time to avoid electrolyte leaks and damage occurs.

Specific declarations:

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

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