HANDHELD THERMOMETER- HYGROMETER MANUAL

1. Summarize

This series is a stable, safe and reliable digital thermo-hygrometer, and we have Bluetooth communication function in one model, widely used in workshop, warehouse, library, office, computer classroom and others to monitor the temperature and humidity of the environment. They have the feature of highly integration, HD LCD, beautiful, clear. It is an ideal substitute for the traditional thermo-hygrometer.

This meter is an industrial grade product, can be used in industrial and household, humidity, and with wide the temperature measurement range , high measurement precision, LCD industrial display screen, it can reliably display the temperature and humidity value in high and low temperature environment.

2. Open-package inspection

Open the packing box and take out the meter. Please check carefully if any items are missing or damaged.

- Operating manual -1pc
- AAA 1.5v battery-3pcs
- Bag-1pc (Please contact with your supplier, if you find out any problems)

3. Product function

- Small, exquisite, stable and reliable
- HD LCD with backlight display
- Support USB Type-C port power supply
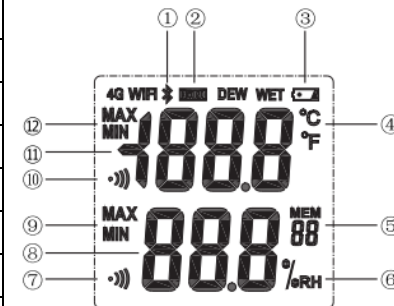- Bluetooth communication function, view data at any time **(Bluetooth model only)**

4. Safety instruction

- Please check the meter and the accessories before using and beware of any damage or abnormal phenomenon. If you find the meter is damaged or the LCD shows nothing, or you consider that the meter could not work properly anymore, please stop using it.
- Observe the operating instructions while measuring.
- This meter has passed CE certification, do not open the meter at will or change internal wiring to avoid damage to the meter.
- When the LCD displays "▭", replace the battery. Remove the battery if you do not use it for a long time.
- Do not store or use the meter in high temperature, high humidity, flammable, combustible, or strong electromagnetic environment.

- In order to save power, without Bluetooth model will shut down automatically after power on for 30 minutes. In order to monitor for a long time easily, Bluetooth model will not shut down automatically. Please manually shut down the meter after use.
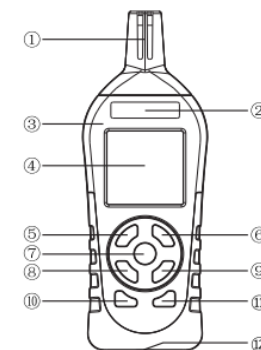
5. Display instruction

①	Bluetooth communication symbol **(Bluetooth model only)**
②	Data hold symbol
③	Low battery symbol
④	Celsius/Fahrenheit unit symbol
⑤	Data storage and group number indication
⑥	Relative humidity unit symbol
⑦	Humidity measurement alarm indication
⑧	Humidity measurement data reading
⑨	Relative humidity: Max./Min. measurement symbol
⑩	Temperature measurement alarm indication
11	Temperature measurement data Reading
12	Temperature measurement: Max./Min. measurement symbol

6. Appearance description

①	Thermo-hygrometer sensor	②	Trademark
③	Shell	④	LCD screen
⑤	Temperature measurement: Max./Min/Alarm switch key		
⑥	Data Hold/value increase button		
⑦	Power switch button/Return to the main screen		
⑧	Humidity measurement: Max./Min/Alarm switch Key		
⑨	Data storage/view/value reduction key		
⑩	Backlight/Temperature and Humidity alarm setting key		
11	Celsius/Fahrenheit unit switch key		
12	USB Type-C port Power supply		

7. Key instruction (Note: Short press less than 2 seconds, long press more than 3 seconds.)

7.1 **Power switch button/Return to the main screen:**

- Power switch button: Long press this key to power on, long press this key again to power off.

- Return to the main screen: a. Set the interface in the alarm value, press this key to return to the main screen; b. View status in the data storage, short press the key to return to the main screen.

7.2 T MAX/MIN: Temperature measurement Max./Min/Alarm switch

- Temperature measurement Max./Min.: Press this key to select the maximum, minimum and normal values to measure when measuring temperature

- Temperature alarm switch: Long press this key to turn on the temperature measurement alarm when measuring temperature; long press again to turn off the temperature measurement alarm.

7.3 HOLD: Data hold/Data increase

- Data hold: Press once to keep the current measurement data When measuring temperature and humidity; Press again to exit data hold

- Data increase: Set the interface in the alarm value, press this key to increase the temperature and humidity alarm value by 0.1; long press this key to quickly increase the value.

7.4 RH MAX/MIN: Humidity measurement Max./Min/Alarm switch

- Humidity measurement Max./Min: Press this key to select the maximum, minimum and normal values to measure when measuring humidity

- Humidity alarm switch: Long press this key to turn on the humidity measurement alarm when measuring humidity; long press again to turn off the humidity measurement alarm.

7.5 MEN: Data storage/Data viewing/data reduction

- Data storage: Long press this key to save a set of current temperature and humidity data when measuring temperature and humidity.

- Data viewing: When measuring temperature and humidity, press this key to view the temperature and humidity measurement data forward. Press the "HOLD" key to view the temperature and humidity measurement data backward (Max.50 groups data).

- Data reduction: Set the interface in the alarm value,, short press this key to reduce the temperature and humidity alarm value by 0.1; Long press this key to quickly reduce the value.

7.6 ☀SET: Backlight/Temperature and humidity alarm value setting

- Backlight: Short press this key to turn on the backlight when measuring temperature and humidity; Press again to turn off the backlight.

- Temperature and humidity alarm value setting: When measuring temperature and humidity, long press this key to enter the alarm value setting interface; On this screen, short press this key to select successively(During the selection, the MAX/MIN symbol corresponding to the temperature and humidity will blink) and adjust setting by the HOLD and MEN key. That is , temperature upper/lower limit(-25 - 75 ° C) and humidity upper/lower limit(0 - 99.9%RH).After setting the alarm value, you can press "ESC" to return to the main interface.

7.7 ℃/℉: Celsius/Fahrenheit

- Celsius/Fahrenheit: When measuring temperature and humidity, short press this key to switch Celsius/Fahrenheit units.

8. Bluetooth instruction (Bluetooth model only)

- Bluetooth is on by default and can't be closed (Bluetooth model only). To connect Bluetooth, you need to install AiLink App on your mobile phone（Note: Once connected to Bluetooth signal, the meter will not automatically shut down, please turn off Bluetooth or the device after use)

- i0S device are available to download the App on App Store, Android device are available to download the App on Play Store, or please scan the QR code below to download.

- Bluetooth App connect with our product: Open the Bluetooth of the product and your mobile phone at the same time, click into the App and press "+" key to search the devices around, and select the corresponding products to be connected in AiLink App.

9. Technical index

LCD Display	4 digits display
Temperature range	-25～75℃ (-13～167˚F)
Humidity range	0~99.9%RH
Temperature accuracy	±0.3℃(15～40℃) other ±1℃
Humidity accuracy	±3%RH (30～80%RH)other ±4%RH
Temperature resolution	0.1℃
Humidity resolution	0.1%RH
Operation temperature/humidity	0-40℃ (<90%RH Non - Condensing)
Storage temperature/humidity	-20-60℃(<75%RH)
Specification	
Power supply	3*1.5V AAA battery
Sampling rate	1times/s
Shell material	ABS
Size	169x56x32mm
Weight	About 150g (including battery)