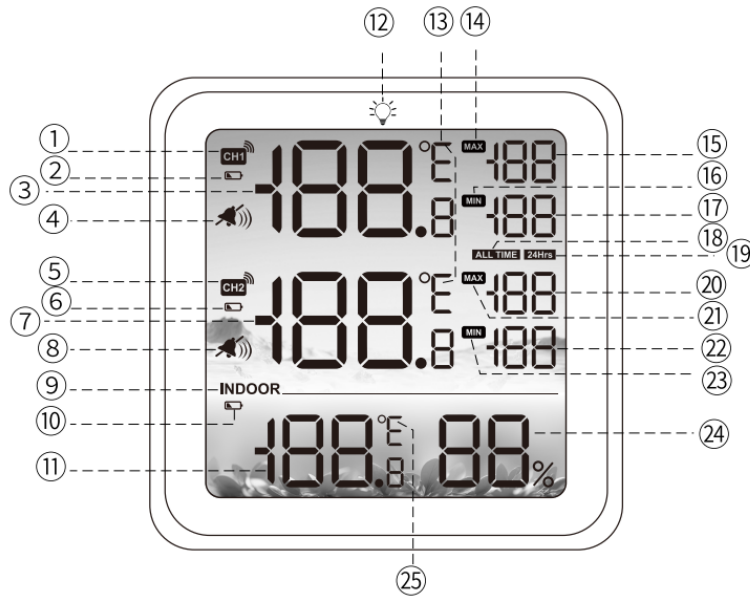


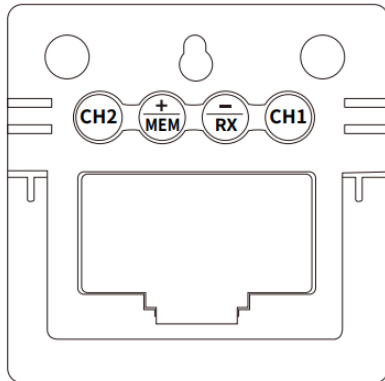
TS-8082 Dual Channel Wireless Thermometer Hygrometer for Cold Storage





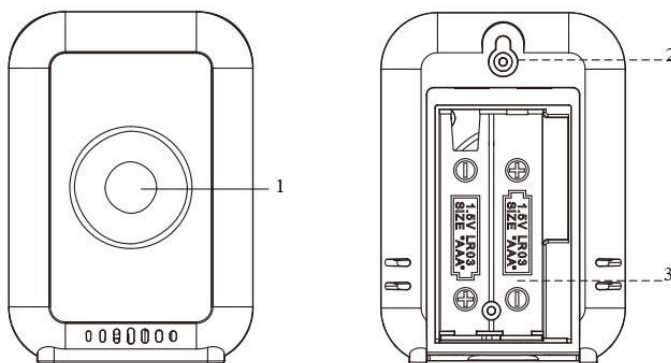
- ① Transmitter 1 channel icon
- ② Transmitter 1 low battery alert
- ③ Transmitter 1 temperature display
- ④ Transmitter 1 alarm icon
- ⑤ Transmitter 2 channel icon
- ⑥ Transmitter 2 low battery alert
- ⑦ Transmitter 2 temperature display
- ⑧ Transmitter 2 alarm icon
- ⑨ Receiver display area
- ⑩ Receiver low battery alert
- ⑪ Receiver temperature display
- ⑫ Backlight and °C/°F switch button
- ⑬ Temperature display unit
- ⑭ Transmitter 1 maximum value icon
- ⑮ Transmitter 1 maximum value display
- ⑯ Transmitter 1 minimum value icon
- ⑰ Transmitter 1 minimum value display
- ⑱ Max. & min. values recorded throughout the entire period
- ⑲ Max. & min. values recorded with a 24-hour period
- ⑳ Transmitter 2 maximum value display
- ㉑ Transmitter 2 maximum value icon
- ㉒ Transmitter 2 minimum value display
- ㉓ Transmitter 2 minimum value icon
- ㉔ Receiver humidity display
- ㉕ Temperature display unit

Receiver button



- CH2** Turn on/off the alarm for Transmitter 2
Alarm value settings for Transmitter 2
- + MEM** Switch between 24Hrs & ALL TIME record
Clear maximum and minimum value
Increase button
- RX** View maximum and minimum alarm values
Resend signal
Decrease button
- CH1** Turn on/off the alarm for Transmitter 1
Alarm value settings for Transmitter 1

Transmitter indication



- 1. Built-in red signal light
- 2. Wall hole
- 3. Battery compartment

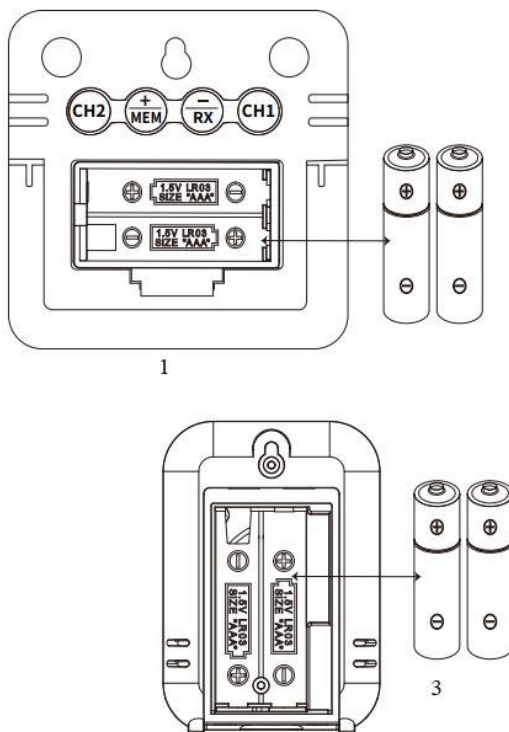
Main functions

- Indoor temperature and humidity display
- Dual-channel temperature display
- °C/°F switch
- Low battery alert
- Backlight
- High/low temperature alarm
- Dual-channel temperature max. &min. values
- Records max. & min. values within 24 hours

Power supply method

Receiver power supply: USB to DC power cable/2pcs AAA batteries (batteries is not included in shipment);

Transmitter power supply: 2 pcs AAA batteries (batteries are not included in shipment).

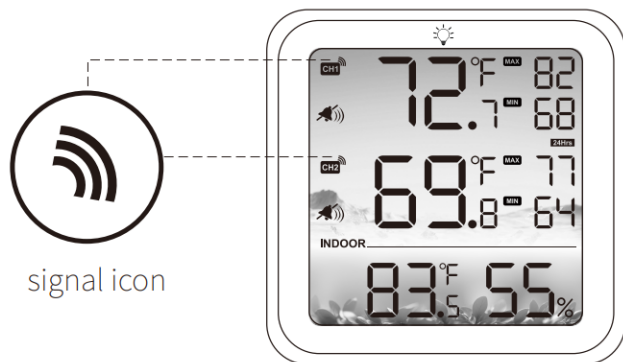


1. Receiver: 2pcs AAA batteries (batteries not included)
2. USB to DC power cable
3. Transmitter: 2pcs AAA batteries (Batteries not included)

Power-on & reset

After the receiver is powered on, the LCD display will show “DI” and enter the normal display mode. The receiver will automatically detect and display the current temperature & humidity values in the area, and enter into a 3-minute channel signal reception mode

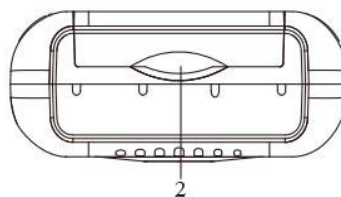
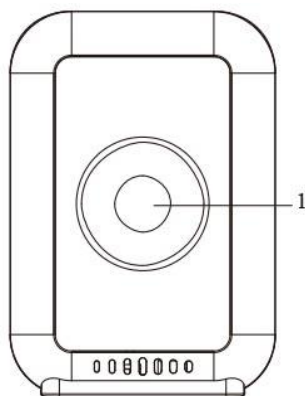
(“” icon flashing). When signal reception is successful, the icon will display normally.



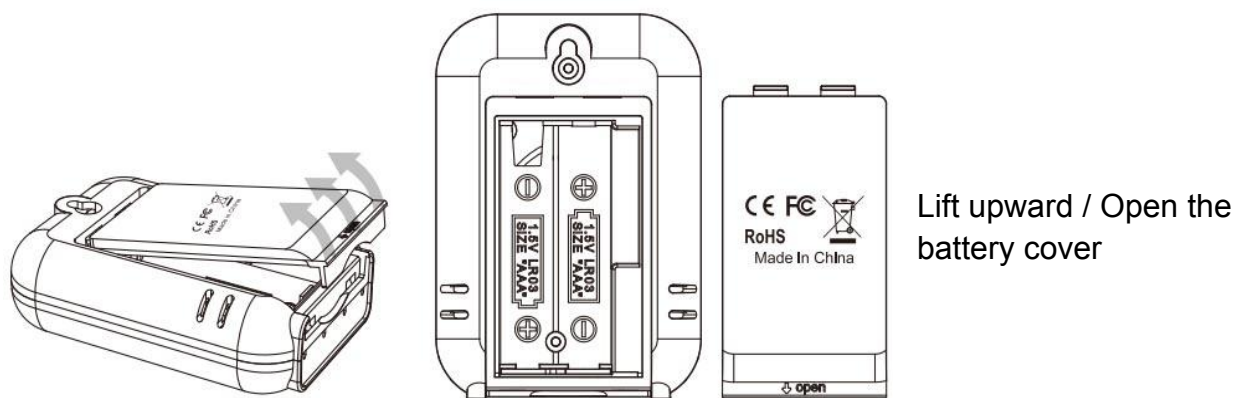
Note: If no signal is received in 3-minute channel signal reception mode, press and hold “” to keep receiving the signal until it is successfully received!

Transmitter power-on

After the transmitter is powered on, the red indicator light flashes once and automatically transmits the signal to the receiver. The transmitter battery cover can be opened as shown in the figure below:



1. Built-in red signal light
2. The opening at the bottom of the transmitter



Temperature & humidity measurement range

Indoor temperature range: -9.9 to 60°C (-14.2°F to 140°F) Temperature accuracy: $\pm 1^{\circ}\text{C}$;
 When indoor temperature is below -9.9°C, it displays “LL.L”; when above 60°C, it displays “HH.H”

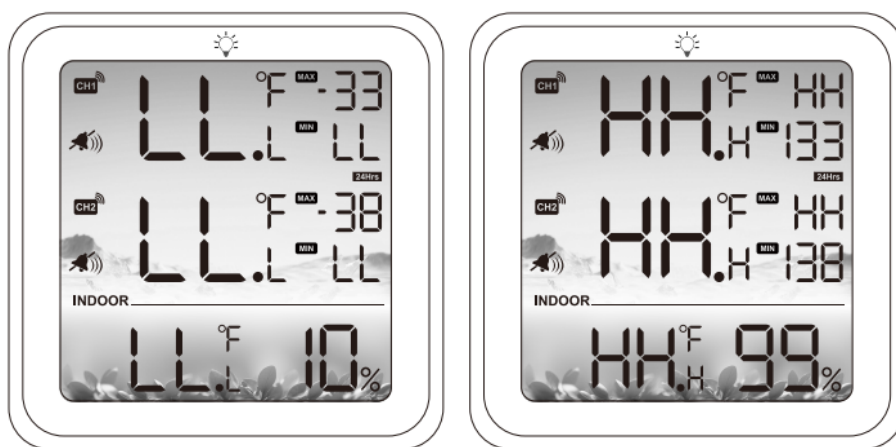
Indoor humidity range: 10% to 99% RH

Humidity accuracy: $\pm 5\%$

Below 10% displays 10%, above 99% displays 99%.

Outdoor temperature range: -40 to 60°C (-40°F to 140°F)

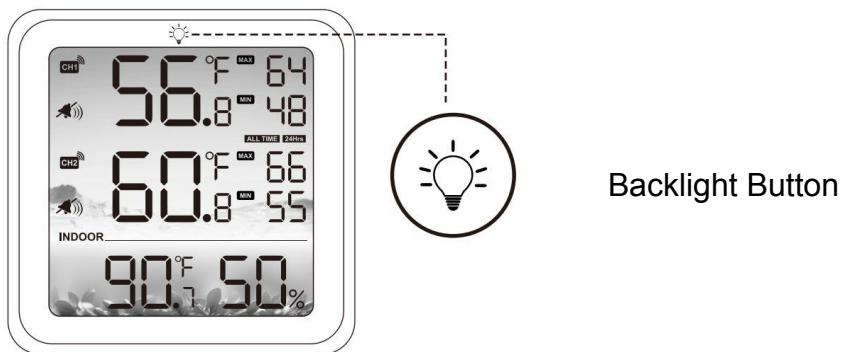
When outdoor temperature is below -40°C, it displays LL.L; when above 60°C, it displays HH.H.



Below temperature display / Above temperature display

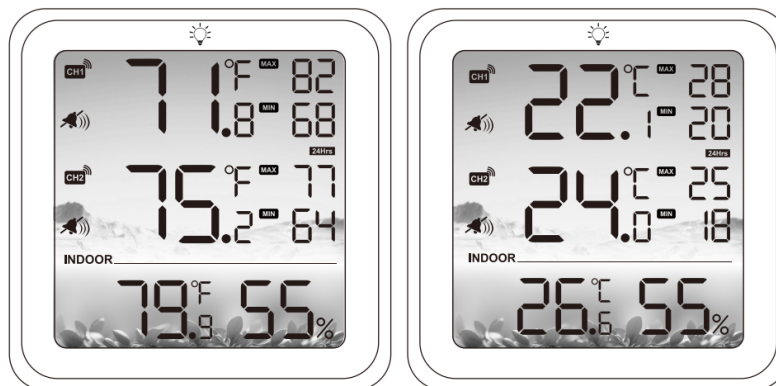
Backlight function

When powered by the battery, short press the “” button to turn on the backlight for 8 seconds. If no operation is done in 8 seconds, the backlight will turn off. When powered by a DC power cable, the backlight will keep on. Short press the “” key to turn off the backlight.



Temperature unit switch

Under normal mode, press and hold the “” button to switch between °C and °F.



Fahrenheit display / Celsius display

Channel temperature upper & lower limitation alarm function

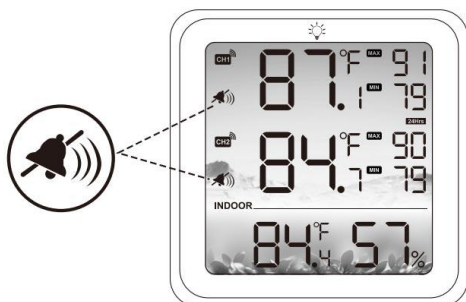
1. Under normal mode, long press the “CH1” or “CH2” button to enter the corresponding channel alarm value setting mode, the corresponding value will flash, then short press the button to switch the setting items. The setting sequence is: upper limit alarm temperature value setting → lower limit alarm temperature value setting → exit setting mode.



Upper limit alarm value setting / Lower limit alarm value setting

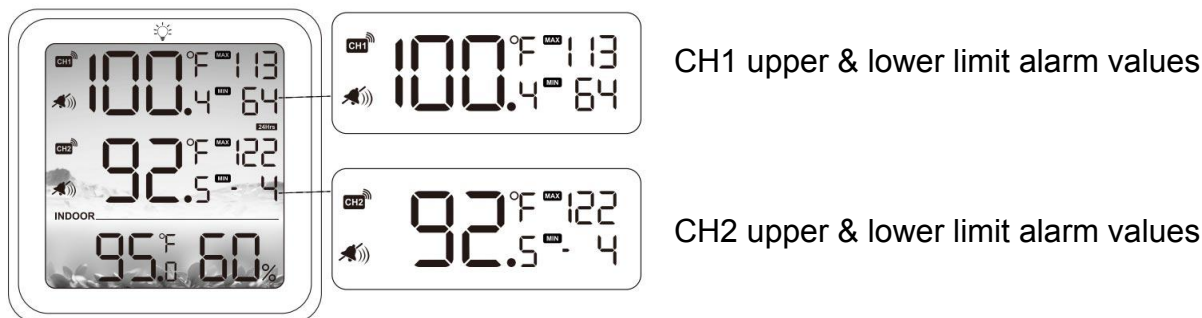
During setting, the display is in degrees Celsius. Short press the “+MEM” button to increase the value, press and hold the “+MEM” button to increase the value quickly. Short press the “-RX” button to decrease the value, press and hold the “-RX” button to decrease the value quickly.

2. When the temperature detected by the corresponding channel reaches the setting alarm value, the receiver turns on red backlight and flashes with alarm sounds (“BIBIBI”) (flashing and sounds for 20 seconds every minute, can stop by any button pressed or until the upper & lower temperature falls below the alarm value). The corresponding channel alarm icon & value icon keep flashing until the upper & lower temperature falls below the alarm value).
3. Under normal mode, short press the “CH1” or “CH2” button to turn on/ off the channel alarm function.



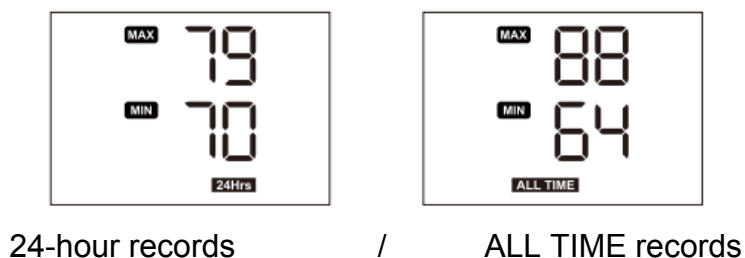
Turn on or off alarm icon

4. Under normal mode, short press the “” button to view the upper and lower limitation alarm temperature settings.



Channel maximum/minimum value function

Under normal mode, short press the “” button to switch between 24Hrs and ALL TIME history records.



Under normal mode, press and hold the “” button to clear the maximum and minimum value records and start recording again.

Low battery alert

When low battery power is detected, the low battery power icon “” will appear on the corresponding area of the screen, needing to replace the battery immediately.

