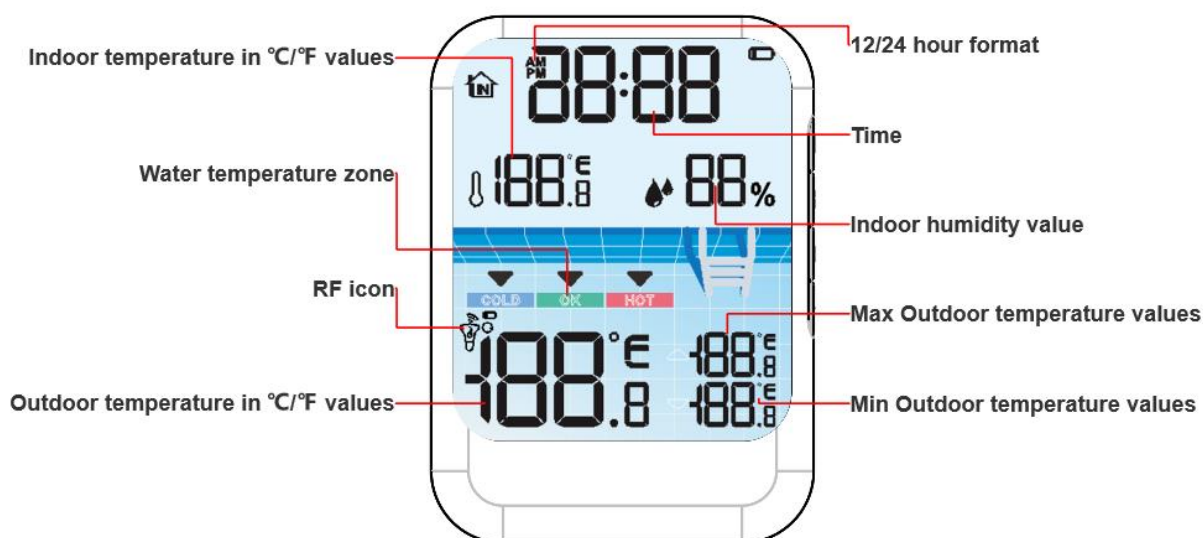


Technical data:

- ▶ Power supply voltage: 2.7V-3.3V (battery: 2x1.5V AAA size alkaline battery).
- ▶ Four function keys: [Set], [RF receive], [+], [-].
- ▶ Time display: hour/minute.
- ▶ Switch temperature unit: °C/°F.
- ▶ Timing format switch: 12/24HR.
- ▶ The indoor temperature resolution is 0.1°C, the detection range is 0°C-50°C, and the detection cycle is 30 seconds.
- ▶ Outdoor temperature resolution 0.1°C, detection range -40°C-70°C, detection cycle synchronous reception every 57 seconds (CH1), 67 seconds (CH2), 79 seconds (CH3) for one data transfer.
- ▶ Query the maximum and minimum temperature values.
- ▶ Outdoor temperature channel switching is displayed.

LCD SCREEN AND SETTINGS:



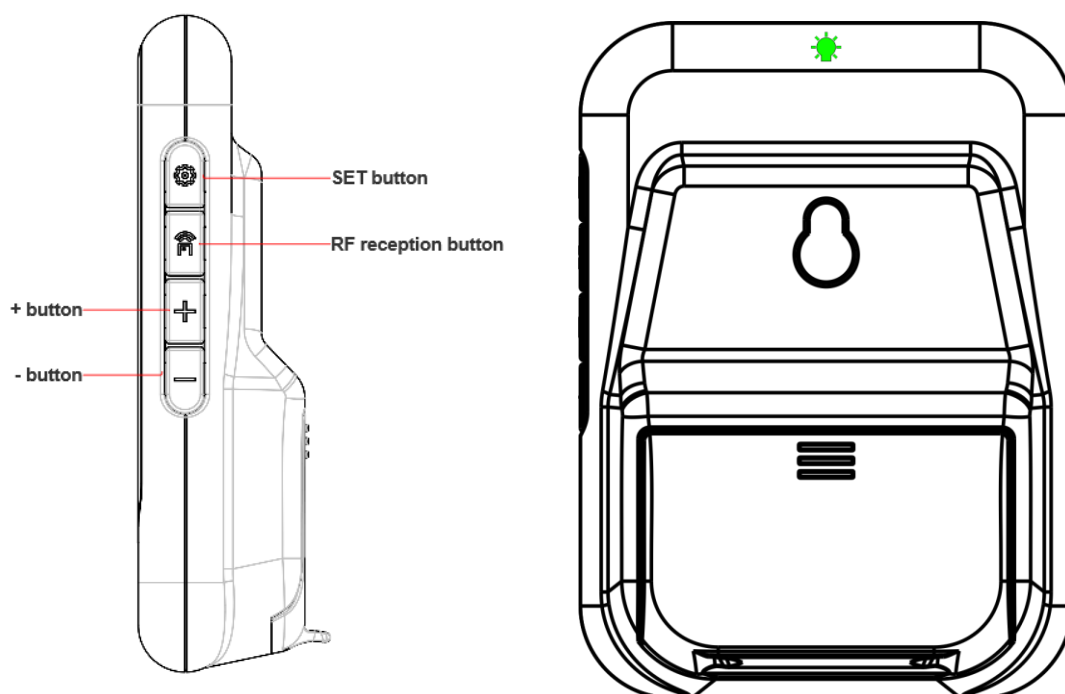
Wireless remote sensor (transmitter)

- ▶ Transmitter frequency: 433.92 MHz.
- ▶ Range of transmission is up to 50m (164 feet).
- ▶ Insert the 2 batteries in to the transmitter, Pay attention to observe the correct polarity.

Initial operation:

- ▶ Open the battery compartment on the rear side of the outdoor remote sensor and insert the batteries. Pay attention to observe the correct polarity. Select the °C/°F display by pushing the button inside the compartment. Close in the battery compartment.
- ▶ Open the battery compartment on the rear side of the receiver and insert the batteries. Pay attention to observe the correct polarity. Close the battery compartment.
- ▶ When you insert the batteries, all the icon on the LCD display will briefly light up for 3 seconds.
- ▶ The receiver will now start to make a connection to the outdoor remote sensor. This operation takes about 3 minutes and is displayed by a flashing reception RF antenna symbol in the "OUTDOOR" display area on the receiver.

FUNCTION KEYS AND DESCRIPTIONS:



- ▶ Button “”
 1. In standard mode, short press has no function; press and hold for 3 seconds to enter the time setting mode.
 2. In time setting mode, The set item will blink at 1HZ after entering time set mode. Set the sequence to 12/24→hour→minute→exit. Pressing this key once during setup will determine the setup result
- ▶ Button “”
 1. In standard mode, short press this key to switch the outdoor temperature display channel (1-3); Long press this key to clear the outdoor signal channel and search for signals again.
 2. In time setting mode, no function.
- ▶ Button “+”
 1. In standard mode, short press this key to switch temperature unit °C/°F; long press has no function.
 2. In time setting mode, short press once an hour or minute will step forward; long press for 3 seconds to enter step 8 / SEC; 30 seconds If no effective operation is performed, the saved value automatically exits the setting mode.
- ▶ Button “-”
 1. In standard mode, short press has no function; Long press this key for 3 seconds to clear the current stored maximum and minimum values and the current temperature value in the room. "--.-" will be displayed for 3 seconds when clearing.
 2. In time setting mode, Short press once for an hour or minute to step back; Long press for 3 seconds to enter 8 steps/second backward; 30 seconds If no effective operation is performed, the saved value automatically exits the setting mode.
- ▶ Button “”
 1. In standard mode, the trigger is to light the backlight for 10 seconds and then turn it off.
 2. In time setting mode, the trigger is to light the backlight for 10 seconds and then turn it off.

Power supply:

- ▶ After the battery is loaded, the LCD displays for 2 seconds, detects the ambient temperature of the Sensor in the machine, and then automatically enters the RF reception for 3 minutes; In RF long receiving mode, if 3 channels are received within 3 minutes, the long receiving mode exits and changes to synchronous receiving mode.
- ▶ Default unit of temperature: °C;
- ▶ The default time is 12HR.
- ▶ The default time is AM12:00.
- ▶ The temperature is displayed as the indoor temperature and humidity on the top and RF temperature on the bottom.

RF reception:

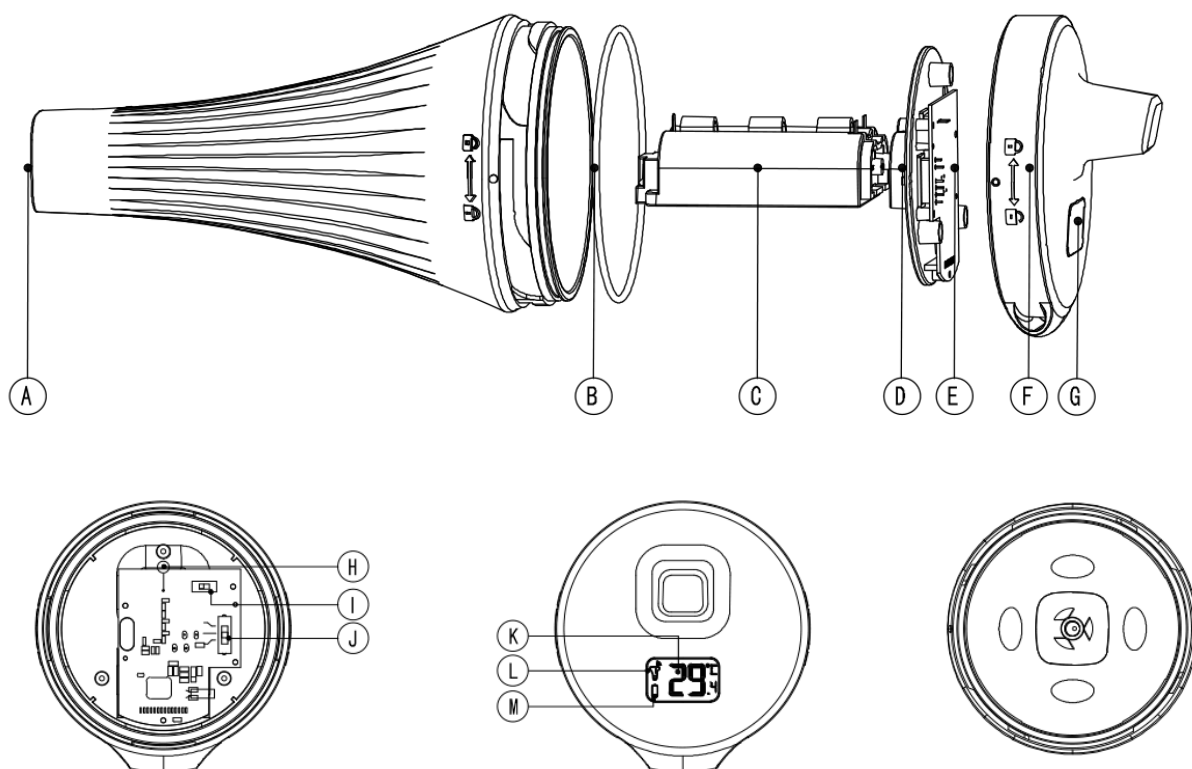
- ▶ When entering the receiving mode, the “” will flash, the outdoor temperature and the maximum/minimum value will be displayed as --, and exit the RF receiving mode after 3 minutes or after receiving 3 channels.

- ▶ The total number of RF receiving channels is 3CH, and all three channels are received successfully or after 3 minutes, the exit long reception is converted to synchronous reception mode.
- ▶ During synchronous receiving, data is transmitted every 57 seconds (CH1), 67 seconds (CH2), and 79 seconds (CH3), and the open time is up to 3 seconds (the actual reception will be turned off immediately, usually the reception is normal, only about 1 second). After each reception is opened and the reception is successful, "  " will be displayed all the time, and the OUT temperature will be updated. If the receiving fails, "  " is not displayed, indicating that the receiving fails this time. The OUT temperature is displayed according to the last value. When either channel receives updates, "  " flashes.
- ▶ When no signal is received in any RF channel for 60 minutes, RF automatically enters the 3-minute long reception, but does not clear the ID number (when the transmitter is powered on, an ID number will be randomly generated, the ID number is unique, and the host will only update the temperature after receiving the signal of the ID). When the outdoor temperature and humidity are updated, the RF receiving mode returns to the original RF receiving time and mode. If no signal is received, the symbol "  " disappears and is displayed as the last received value, and the temperature value flashes every 3 seconds. At the same time, the synchronous RF receiving mode is turned off.
- ▶ When no signal is received in any RF channel for 120 consecutive minutes, the OUT temperature is displayed as --.-, and the ID will be automatically cleared every hour, and the RF long receiving mode will be entered for 3 minutes once. If the channel is not full all the time, it has entered the long receive mode for 24 consecutive times and still has not received the signal, it will no longer automatically enter the 3-minute RF long receive mode.
- ▶ In the standard mode, press and hold the "  " for about 3 seconds to automatically clear the ID of the channel, and the displayed temperature value will be cleared at the same time, and the display will be --.-°C or --.-°F. Turn on RF again for 3 minutes to receive the signal again. After receiving for 3 minutes, the RF reception will be automatically turned off. If the signal is received, the RF reception function will be automatically timed. If no signal is received, the RF reception will be processed as if no signal is received.
- ▶ When the temperature exceeds the range at the low end, it will display LL.L, and when the temperature exceeds the range at the high end, it will display HH.H.
- ▶ Outdoor temperature displays  below 20°C (68°F),  between 20°C (68°F) and 30°C (86°F) (including both endpoints), and  above 30°C (86°F).
- ▶ RF receiving temperature
 1. Indoor temperature detection range 0°C-50°C; The detection period is 30 second; Resolution 0.1°C.
 2. Outdoor temperature detection range -40°C-70°C; Detection cycle Data is transmitted every 57 seconds (CH1), 67 seconds (CH2), and 79 seconds (CH3) during synchronous reception; Resolution 0.1°C; The minus sign shifts when the temperature is negative.

Features:

- ▶ Swimming pool temperature detection
- ▶ 3 Channels selectable
- ▶ Temperature display in optional °C /°F
- ▶ Temperature measurement ranges: -40°C (-40°F) ~ 70°C (158°F)
- ▶ RF transmitting frequency : 433.92MHz
- ▶ Power Supply: 2 x1.5V AM-3 AA LR6

Appearance description:



TX

A: Temperature sensor

B: Waterproof rubber ring

C: Battery box

D: Battery compartment securing module

E: Main control module

F: Locking cover

G: Lens

H: Transmitting antenna

I: °C/°F selection switch

J: Channel selection switch

K: Temperature value

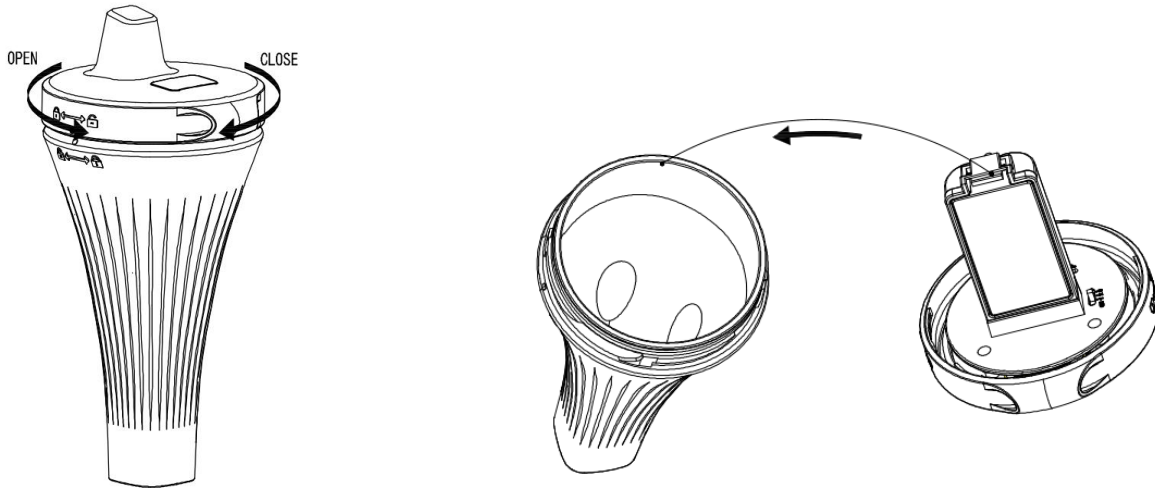
L: Channel

M: Battery Bot

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Initial operation

- ▶ Open the battery box, Insert 2 x AA batteries observing polarity 【 “+” and “-“ marks】 , Choose the temperature unit and channel you need.
- ▶ The temperature unit °C/°F can be selected by turning the switch “I” , the channel can be selected by turning the switch “J”



- ▶ After disassembly, do not touch other components, especially the antenna“H”, pay attention to the direction of the slot when installing the battery box. After setting, cover the lens and waterproof ring, and lock the cover tightly.
- ▶ This pairing mode only takes 3 minutes, if the pairing fails after more than 3 minutes, you need to press and hold the “**CH**” button for 2 seconds to re-enter 3 minutes pairing mode.
- ▶ After successful pairing, the remote sensor can be put into the swimming pool to detect its water temperature.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may

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cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.