Indoor/Outdoor Wireless Thermo-Hygrometer Kit
Model：TH2+TH3

69.2℃
63.2℃
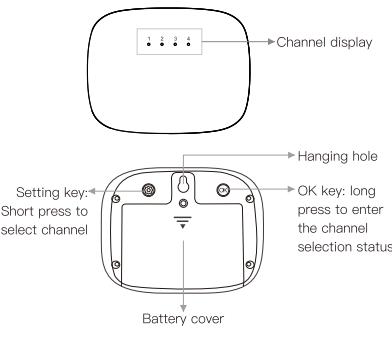OUT
IN
CH1
CH2

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Summary

This kit is an indoor/outdoor wireless Hygrometer. You can know the indoor/ outdoor temperature and humidity in room.
The Host TH2：It is an indoor wireless temperature and humidity meter, which can be used in conjunction with the wireless outdoor unit (Transmitter TH3). The LCD screen displays the current indoor temperature, current humidity, power, and the temperature and humidity information of the 4 outdoor units (Transmitter TH3). TH2 & TH3 can be used for home, office, study, farm, transportation, warehouse, etc.
Transmitter TH3 : It is an outdoor wireless temperature and humidity meter, which needs to be used in conjunction with the wireless indoor unit (Host TH2). It has no LCD screen and regularly reports the current temperature, current humidity, power and other information to the host. The host TH2 & TH3 can be used for home, office, study, farm, and transportation. , warehouse, etc.

Host TH2 Function Display DiagramView

- Battery Display Icon
- Indoor temperature and humidity
- Outdoor temperature and humidity
- Channel Display
- Trendline: Parallel means no change in temperature Up means rising temperature and humidity Descend means a decrease in temperature and humidity
- Wireless Icon
- Hook
- Channel key: short press to switch the level of Outdoor Thermohygrometer
- Temp unit key: short press to switch the temp unit Celsius / Fahrenheit
- Bracket
- Query key: short press to check temperature and humidity maximum/minimum /current level
- Magnet
- Battery cover
- Heat Dissipation Hole (don't cover)

69.2℃
63.2℃
OUT
IN
CH1
CH2

Transmitter TH3 Function Display Diagram

- Channel display
- Hanging hole
- Setting key: Short press to select channel
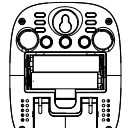- OK key: long press to enter the channel selection status
- Battery cover

Note: Please Install the Battery Before Using the Product

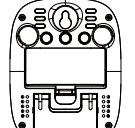### TH2 Battery Installation Steps:

Step 1 : Remove the battery back cover.

Step 2 : Install two AAA batteries. (Notes: Distinguish the positive and negative poles.)
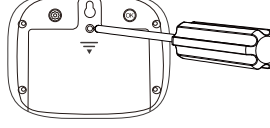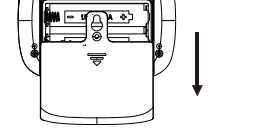
Step 3 : Install the battery cover.

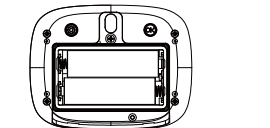### TH3 Battery Installation Steps:

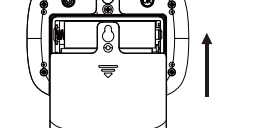Step 1 : Remove the screws on the battery back cover.

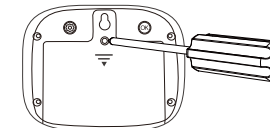Step 2 : Remove the battery back cover.

Step 3: Install two AA batteries.
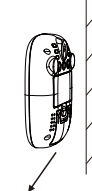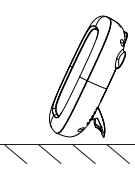
Step 4 : Install the battery cover.

Step 5 : Install the screws on the battery back cover.

Host TH2 Installation Method
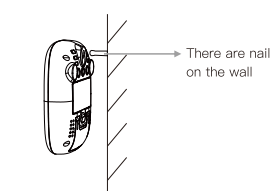
1. Magnetic Adsorption
2. Support Bracket

Magnetic wall
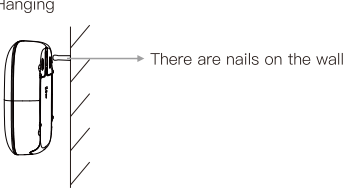
There are nails on the wall

3. Wall Hanging

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Transmitter TH3 Installation Method

Wall Hanging

There are nails on the wall

Product Features

Host (TH2) :
- Measure the ambient temperature and humidity of the host
- Support off–screen display, touch screen on
- Can display the temperature and humidity of the host and multiple transmitters at the same time
- Support to select the channel/channel display mode to be viewed (display a single channel/cycle display)
- Transmitter signal can be searched manually
- Display the Max/Min/Current value of temperature

Transmitter（TH3）
- Measure the ambient temperature and humidity of the transmitter
- Four emission channels can be set
- Connect multiple "Host TH2" wirelessly

Instructions for Use

Host TH2
Start Up: TH2(Host) put on the battery, you can see the signal icon blinking, if there is no blinking, long press the SYNC/CH key until the signal icon blinks, it means that TH2(Host) enters the online pairing state.

Key Description
1. Channel Key（Right 1 Button）:
Short press : Set the way to display the transmitter (cycle display/single display).
Long press : to re–search the current transmitter signal
2. Unit Key (Intermediate Key) :
Short press: You can set the unit of temperature (℃/℉).
3. Query Key (Left 1 Button) :
Short press: You can view the historical Max/historical Min/Current value of temperature and humidity.
Long press: to clear the current channel data.

Transmitter（TH3）
Start Up: Th3 (Transmitter) installs the battery, it will reset to channel 1,need set the channel first, long press OK button, then short press the setup【◎】button to select the one of No. 1,2,3,4 channel,

Display Description：

1. Wireless Icon: Blinking means receiving data, always on means searching and receiving data has been completed.
2. Battery Power Icon: Full grid means normal battery power, empty space means low power and needs to replace the battery.
3. IN means to display the temperature and humidity of the host;
OUT means to display the temperature and humidity of the transmitter
4. MAX means to display the maximum value of historical temperature;
MIN means to display the minimum value of historical temperature.
5. Trend Line: Parallel means no change in temperature and humidity; upward means rising change in temperature and humidity range; downward means falling change in temperature and humidity range.
6. CH1/CH2/CH3/CH4: Channel display.

Transmitter（TH3）
Start Up: Th3 (Transmitter) installs the battery, it will reset to channel 1,need set the channel first, long press OK button, then short press the setup【◎】button to select the one of No. 1,2,3,4 channel,

(Every TH3 Transmitter set up different channel），then short press OK key to exit.

Connection Instructions

First, long press the "OK Key" on the back of the TH3 device, when the red LED light is on, then short press the "Setting Key" to select channel 1/2/3/4, after the selection is completed, short press the "OK Key" on the back to confirm ;After the channel selection is completed, short press the "CH/SYNC Key" on the back of the TH2 device, and select the same channel as the TH3 that needs to be connected to complete the connection.

Replace The Battery：

TH2 (Host) replace battery: no need to operate, the signal icon will flash automatically.
TH3 (Transmitter) replace battery: after install the new battery, TH3 (Transmitter) will reset to channel 1, you need to set the channel, long press OK button, then short press setup【◎】 button to select the one of No. 1,2,3,4 channel, (Every TH3 Transmitter set up different channel), then short press OK key to exit. Meanwhile, Th2 (Host) long press SYNC/CH key until the signal icon blinks, it means TH2(Host) enters the online pairing state.

Technical Parameters

Host TH2

Recommended Use	Aquarium/Incubator/Glass Container /Bathroom/Indoor/Refrigerator
Battery	2 x AAA batteries (Not include)
Standby Current	<40uA
Temperature Range	–20℃ ~ 70 ℃ (–4°F ~ 158°F)
Humidity Range	10%~90%
Accuracy	0.1℃ & 1%
Error Range	Temperature: ±1℃, Humidity: ±5%
Reusability	Reusable
Shape	Rectangle
Energy Source	Battery Powered
Installation	Magnetic Adsorption/Support Bracket/Wall Hanging
Include Components	Indoor Thermometer*1, User Manual*1
Battery Type	AAA Battery
Maintenance Instructions	Don't Soak
Panel Type	LCD Display
Detection Interva	30S
Temperature Display	°F/℃
Switching Method	Press °F/℃ Key to Switch

Low Battery Reminder	When the voltage is lower than 2.6V, the low battery icon will be displayed.
Trendline Display	Parallel, Ascend, Descend
Material	ABS
Standby Time	About 15 Months
Dimension	L*W*H=69.92mm*92mm*23.5mm
Weight	105g (0.23lB)
Receive Distance	>100M (Open Area)

Transmitter（TH3）

Battery	2 x AA batteries (Not include)
Standby Current	< 10uA
Emission Current	< 20mA
Work Current	< 10mA
Transmitting Distance	>100米 (Open Area)
Temperature Range	–35 ~ 70℃ (–22°F ~ 158°F)
Humidity Range	10%~90%
Accuracy	0.1℃ & 1%
Error range	Temperature: ±1℃, Humidity: ±5%
Reusability	Reusable
Shape	Rectangle
Energy Source	Battery Powered
Installation	Wall Hanging

Include Components	Indoor Thermometer*1, User Manual*1
Battery Type	AA Batteries
Maintenance Instructions	Don't Soak
Waterproof Grade）	Ip66
Material	ABS
Standby Time）	3 Years
Dimension	L*W*H=85.81mm*66.28mm*22.3mm
Weight	91.7g (0.21 lb)

Common Problems and Solutions When Using the Product

Q : What should be paid attention to when using the temperature and humidity meter?
A : The temperature and humidity meter should be hung in a well–ventilated place, avoid hanging on the wall exposed to direct sunlight, and ensure that the indoor wireless temperature and humidity meter (indoor unit) is within the transmission distance from the outdoor wireless temperature and humidity meter (outside unit), and the obstacles are the smallest ;Do not block the heat dissipation hole of the thermometer and hygrometer; do not expose the thermometer and hygrometer to rain, and must not be installed in a corrosive gas environment.

Q : How often do I need to replace the battery? What will happen if the battery is not replaced for a long time?
A : When the battery icon is【▭】, it means that the battery should be replaced in a timely manner to avoid affecting measurement accuracy.
Q : Is there any difference between the temperature and humidity of the thermo–hygrometer and the display of weather forecast and meteorological software?
A : The temperature and humidity meter shows the temperature and humidity of the surrounding environment, while the weather forecast and meteorological software show the temperature and humidity range of an area.

RoHS

Made in China

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FCC Warning

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 inte rference received, including interference that may cause undesired operation.

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 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 interferenceto 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.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.