

BHT-8000RF Wireless Thermostat



Suitable for electric heating/water heating/wall-hung boiler/boiler

Thank you for choosing our products!

IN THE BOX YOU WILL FIND

Display panel*1 Receiver*1 Bracket*1
Screw*2 QC passed*1 Manual*1 USB*1

ABOUT YOUR THERMOSTAT

BHT-8000RF is suitable for electric heating, water heating, wall-hung boilers and boiler temperature control systems. It can be used in smart homes, shopping malls and industrial sites. Before use, please confirm the specific model of this product and the corresponding heating equipment. Please refer to the wiring diagram to identify the model or contact the merchant.

Note: The USB and Battery could not supply power in the same time, you could only select only one of them.

FEATURES

1. No need cassette or punch for installation;
2. Move LED panel can be moved at your will;
3. Temperature control accuracy ($\pm 0.5^{\circ}\text{C}$);
4. Support power-off protection, data will not be lost
5. Programming mode, 6 periods a day. Programmable setting, ECO, cost-saving, smarter and more environmentally friendly;
6. Support: **Tmall, Amazon echo, Google Home, Yandex Alice, Xiaomi Smart, Xiaodu Smart;**

MODEL DEFINITION

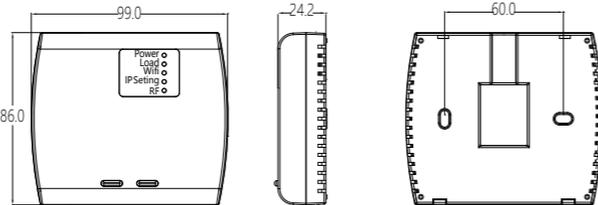
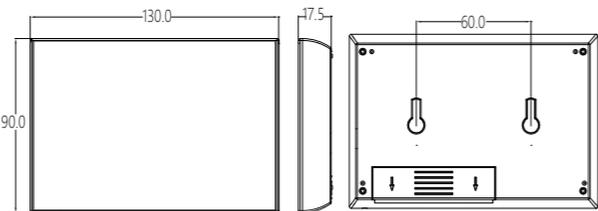
GA: Water heating, 5A
GB: Electric floor Heating, 16A
GC: Water/Gas Boiler, 5A
GBC: Electric floor Heating, 16A & Water/Gas Boiler, 5A
W: Support APP wifi control
Example: **BHT-8000RF-GAW**

TECHNICAL DATA

| | | | |
|-------------------------------|---------------------------------------|------------------------------|--|
| Receiver Power Supply | 95 ~ 240 V AC, 50 ~ 60 Hz | Receiver Current Load | 5 A(water heating/waterboiler/gas boiler); 16 A (electric heating) |
| LED Panel power supply | 2*AA battery/USB | Temperature control accuracy | 0.5°C |
| Temp. Error | $\pm 1^{\circ}\text{C}$ | Sensor | NTC3950,10K |
| Timing Error | <1% | Set Temp. Range | 5 ~ 45°C |
| Working Ambient Temp/Humidity | 0 ~ 45°C, 5 ~ 95% RH (Non Condensing) | Power consumption | <1.5W |
| LED Panel Material | PC+ABS (Fireproof) | Receiver Installation | Wall-mounted |
| Protection Class | IP20 | Buttons | Capacitive Touch Buttons |
| Screen | LED | | |

DIMENSION Unit: mm

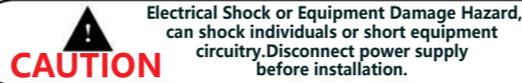
DISPLAY PANEL



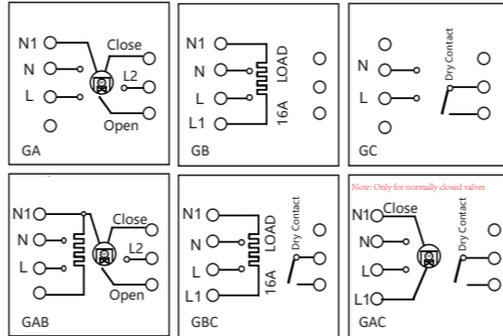
RECEIVER

BEFORE WIRING AND INSTALLING

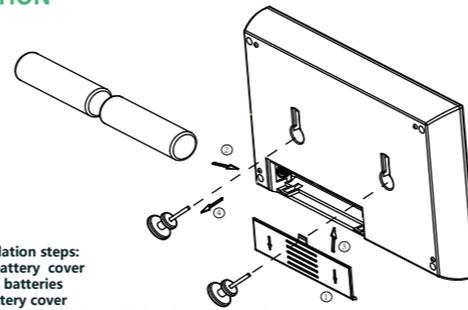
1. Be sure it is suitable for your heating equipment before installation;
2. Be sure to keep the power off before installation or maintenance;
3. Please strictly follow the wiring diagram for wiring installation;
4. When installing to the wall, make sure it is fastened
5. Do not pull the cable hard, it may damage the product;
6. When using a hard plastic wire, please bend it to an appropriate angle;
7. Only Professionals recommended;
8. Please contact the after-sales service for equipment failure, do not repair it yourself;
9. After installation, please refer to this manual to check again to ensure normal safety



WIRING Power supply: 95~220V, 50/60Hz; maximum load : 16A, for electric heating film, cable, tile. maximum load : 3A, for water valve actuator ; maximum load : 3A, for wall-hung boiler;

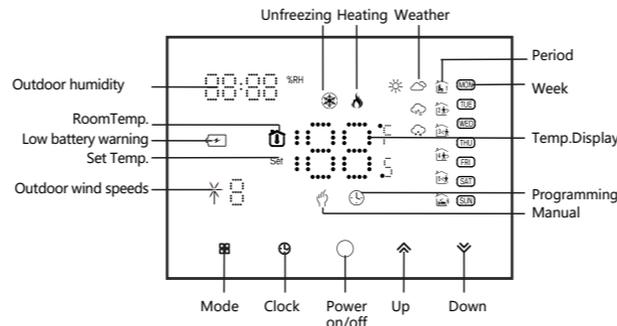


INSTALLATION



LED panel installation steps:
1. Remove the battery cover
2. Install two 5A batteries
3. Install the battery cover
4. Fix the traceless hook on the wall, then hang the product

HOME SCREEN QUICK REFERENCE



1. The wifi version can display weather information. When it is first time connected wifi, the weather data is uploaded to the thermostat after it working for 3-4 minutes. The weather would be updated every 30 minutes after connecting to wifi,
2. When WiFi connected, click the \wedge / \vee button to display the current humidity in the upper left corner

DISPLAY PANEL OPERATION

1. **Power:** Press the \bigcirc to turn on/off of the LED display panel.

Note: When the display panel powered by battery, after 20 seconds of no operation, the LED screen would turn off and enter to the energy-saving state, the APP will be locked, click \mathbb{L} on the APP to unlock the APP; To wake up the display again, press \bigcirc .

When the display panel is powered by USB, the APP will not be locked. The display panel uses 2*AA for power supply. If the battery voltage is insufficient, the screen will display a \mathbb{L} icon. Please replace the battery in time. The display panel power-off and receiver quick power-off are independent of each other.

2. **Manual & programming mode:** Press \mathbb{L} to switch manual mode \mathbb{L} and programming mode \mathbb{L} .
Manual mode: the user sets the temperature by himself;
Programming mode: The thermostat will control the temperature according to the preset value. See "Programming Set" for details.

3. **Temp. Set:** Press \wedge / \vee to set the temperature. Only in manual mode, the temperature can be set arbitrarily.

4. **Time Set:** press \mathbb{L} to enter time setting, press \wedge / \vee to adjust the value, respectively for minutes, hours, and days (the screen displays "1" for Monday, "2" means Tuesday, and so on) for setting. After the adjustment is complete, press \mathbb{L} to exit the time setting
WiFi version, the local network time will be automatically synchronized when connecting to the network for the first time.

5. **Programming Set:**
WiFi version can be set in APP.
Non-wifi version, press \mathbb{L} 4 times to enter the programming mode setting. At this time, the screen displays (MON.TUE.WED.THU.FRI), the "minute" of the time flashes, and the period 1 \mathbb{L} . Press \mathbb{L} again to select and set the hour, temperature, and period. Press \wedge / \vee to adjust the corresponding value. Press \mathbb{L} once more to confirm and exit.

Default settings for program schedule:

| Time display | MON.-FRI. (①②③④⑤ shows on scteen) | | SAT. (⑥shows on scteen) | | SUN. (⑦shows on scteen) | |
|--------------|--------------------------------------|-------|----------------------------|-------|----------------------------|-------|
| | TIME | TEMP. | TIME | TEMP. | TIME | TEMP. |
| Period 1 | 6:00~8:00 | 20 | 6:00~8:00 | 20 | 6:00~8:00 | 20 |
| Period 2 | 8:00~11:30 | 15 | 8:00~11:30 | 20 | 8:00~11:30 | 20 |
| Period 3 | 11:30~13:00 | 15 | 11:30~13:00 | 20 | 11:30~13:00 | 20 |
| Period 4 | 13:30~17:00 | 15 | 13:30~17:00 | 20 | 13:30~17:00 | 20 |
| Period 5 | 17:00~22:00 | 22 | 17:00~22:00 | 20 | 17:00~22:00 | 20 |
| Period 6 | 22:00~6:00 | 15 | 22:00~6:00 | 15 | 22:00~6:00 | 15 |

RECEIVER OPERATION

1. **Power:** Press the "left button" to control the receiver on/off. When the Power light is on, it means it is turned on, otherwise it is turned off.
2. When the receiver is turned on, press and hold the "right button" to enter the code matching between the display panel and the receiver. At this time, IP Setting flashes red, see the following "Setting the Functions and Options" for details
When the receiver is off, long press the "right button", the receiver enters the Wi-Fi network configuration state, the Wi-Fi light will flash quickly (AP mode) or the Wi-Fi light will display slowly (EP mode), see the wifi connection process below for details.

Setting the Functions and Options

When the display panel is off, press \mathbb{L} and \mathbb{L} at the same time for 5 seconds to enter the advanced selection setting. Press \mathbb{L} to select the function, press \wedge or \vee to adjust the corresponding value. All advanced option settings will take effect automatically after restarting the thermostat.

Note: Item 1.2.3 of Setting the Functions and Options is the code matching connection setting of the display panel and the receiver.

Code matching connection steps: 1. The first item is set to 1; the second item is the serial number of the thermostat 0-99, as long as the serial numbers of the two thermostats are different; the third item does not need to be set.

After the display panel completes the above operations, when the receiver is turned on, press and hold the right button for 5 seconds, and the IP Setting flashes red light to indicate the start of code matching, and the steady red light indicates that the code matching is completed. Then check the 3rd item of the advanced options on the display panel, and 1 is displayed, indicating that the code is matched successfully.

| Code | Function | Setting and options | Default |
|------|--------------------------|---|------------------------------------|
| 1 | Code confirmation | 00: No code matching 01: start code matching | 0 |
| 2 | Device ID | 0-99 | 0 |
| 3 | Code Matching Succeeded | 00: code matching failed 01: code matching succeed | only reading. |
| 4 | Temperature compensation | -9~9°C | 2 |
| 5 | Deadzone Temp. | 1~5°C | 1 |
| 6 | Min.Set Temp. | 5~15°C | 5°C |
| 7 | Max.Set Temp. | 15~35°C | 35°C |
| 8 | Standby Brightness | 0~7 | 0 |
| 9 | Energy saving Mode | 00:OFF 01:ON | 0 |
| 10 | Energy saving Temp. | 5~30°C | 20 |
| 11 | Restore factory settings | 00: normal mode, 01: factory mode | 0 |
| 12 | Version NO. | | U1 start number, U1... UA... UF |

Standby Brightness: (recommend Max 4, if too high, the LED light would damage, and the LED life time would be short)

ABOUT WIFI

Note that the wifi link process needs to be operated after the display panel and the receiver are connected with the code.

WI-FI CONNECTION

Before using your Wi-Fi thermostat for the first time, you must configure the Wi-Fi signal and settings through your smartphone or tablet. This will allow communication between your connected devices.

Step 1 Download your APP (Fig1-1)



Fig 1-1



Fig 1-2 IOS



Fig 1-3 Android

Search for "Smartlife" in Apple Store or Google Play or use a browser to scan the QR code above (Figure 1-2), and complete account registration and installation according to the guidance of the APP.

Step 2. Connect the thermostat

Check the tutorial below to complete the connection and setup.

Method 1: Scan the QR code to configure the network guide (Fig 2.1-Fig 2.3)

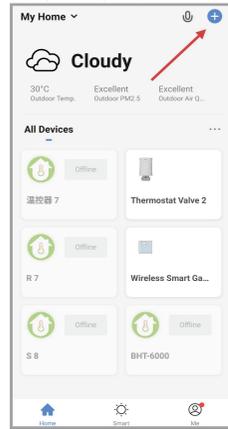


Fig2.1

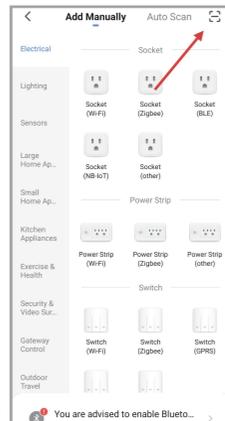


Fig2.2

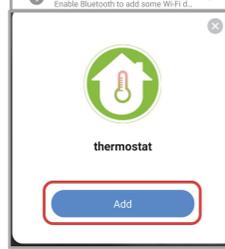


Fig2.3



Scan this QR code

Method 2: Ordinary distribution network guidance (Fig. 2. 1&Fig. 2.3.1)

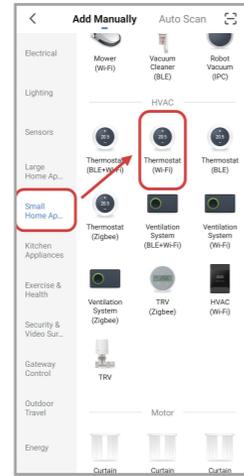


Fig2.3.1

Network distribution mode

1. EZ Mode

With the receiver turned off, press and hold the "right button" until the wifi light of the receiver flashes quickly, and then operate according to the following figure (Fig 2.4-Fig 2.7).

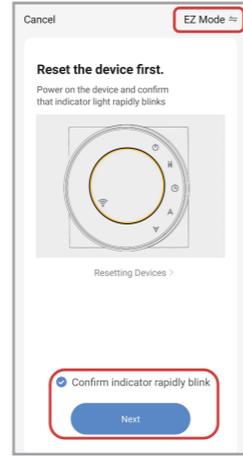


Fig2.4

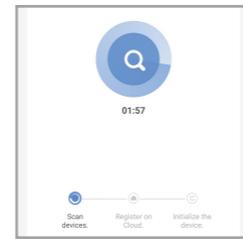


Fig2.6

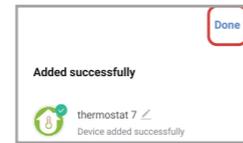


Fig2.7

2.AP Mode

With the receiver turned off, press and hold the "right button" until the wifi light flashes slowly, and then follow operate as shown in the figure below (Fig 2.8-Fig 2.14).



Fig2.8

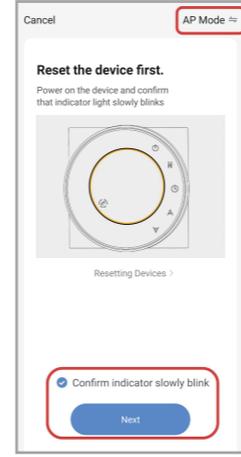


Fig2.9

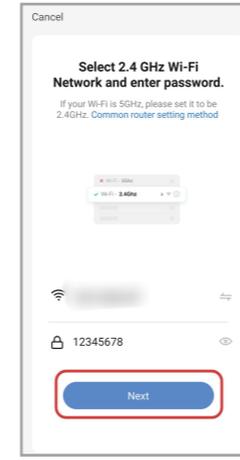


Fig2.10

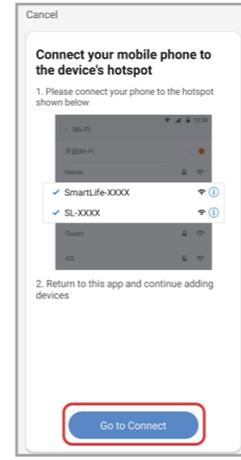


Fig2.11

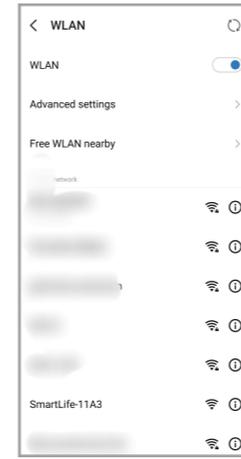


Fig2.12

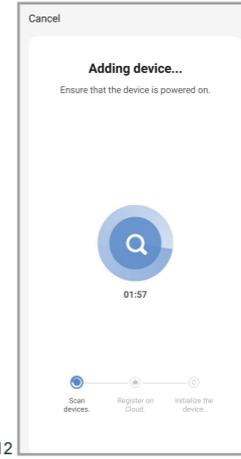


Fig2.13

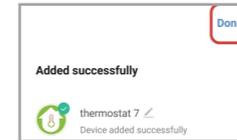
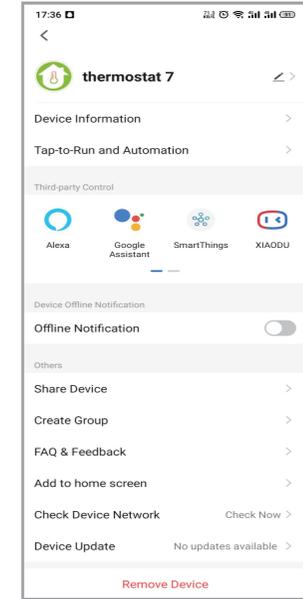


Fig2.14

After connecting to this hotspot, return to the "smartlife" APP

MORE SETTINGS



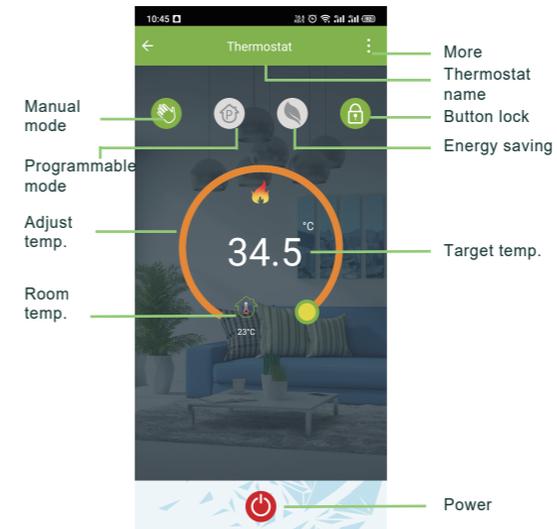
Modify the name of the thermostat
View the virtual ID of the thermostat

Connect smart voice audio guide

Share the thermostat with your family

Group multiple thermostats for management

APP OPERATION INTERFACE DESCRIPTION (HEATING THERMOSTAT)



Manual mode

Programmable mode

Adjust temp.

Room temp.

More Thermostat name

Button lock

Energy saving

Target temp.

Power

SIMPLE EXCEPTION HANDLING

| No. | Phenomenons | Handling |
|-----|---|--|
| 1 | The display panel can be operated but the receiver does not respond | Check advanced option item 3, display panel and receiving |
| 2 | The phone cannot control the thermostat | Check if the APP is locked, click "lock" |
| 3 | Room temperature is different from actual temperature | Adjust temperature compensation in item 4 of advanced settings |

SERVICE

Your thermostat carries a 24 months warranty from date of purchase. Service outwith the warranty period may incur a charge. More detail please contact with us directly.