

BHT-005 WIFI Heating Thermostat



Electricity/Water/Boiler heating

WELCOME

Thank you for choosing our thermostat. We are committed to bringing together high-end technology, high-quality production technology, safe and reliable materials to produce high-quality and inexpensive products. The new sliding control thermostat helps you creating a comfortable life.

Please read this manual for comprehensive product information. In the same time, ensure that professionals install the thermostat and comply with all local regulations.

IN THE BOX YOU WILL FIND

Thermostat *1 Manual*1 QC Passed* 1 Screw *2 External sensor (optional)* 1

ABOUT YOUR THERMOSTAT

BHT-005 is suitable for electric heating, water heating, wall-hung boilers and boiler-temperature control systems. It can be used in smart controlling houses, shopping malls, and industrial places. Before use, please confirm the specific model of this product and the corresponding heating equipment. Please read the wiring diagram to identify the model or contact the merchant.

FEATURES

On Appearance

1. Piano style sounds like a Chopin's nocturnes;
2. Gradient-color-change-sliding touch;
3. Weather, humidity, and ultraviolet display;
4. PM 2.5 in APP
5. 2.5D arc chamfer;
6. Hidden LCD screen;
7. Unique design & enjoyable touch;
8. Ultra-thin embedded panel, perfectly fit all walls;
9. Suitable for European hidden box;

On Functionality

1. Modbus, WIFI version, etc., to meet all your needs;
2. Temperature control accuracy ($\pm 0.5^{\circ}\text{C}$);
3. Power-off protection to avoid loss of data settings;
4. Weekly 5+1+1 days & 6 period programmable settings; energy-saving, cost-saving, environment-friendly;
5. Support local grouping/sharing, centralize controlling hundreds of products;
6. Support Tmall, Amazon echo, Google Home;
7. APP (ios/android) automatically obtains the local temperature and humidity, PM2.5 and creates smart scenes.
8. It supports all regions and languages of the world and provides comprehensive services.

MODEL DEFINITION

GA: Water heating, 5A
GC: Water/Gas Boiler, 5A
N: modbus version;

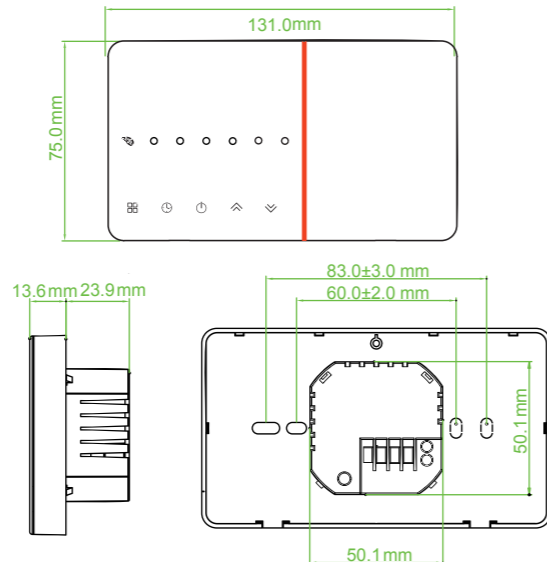
GB: Electric floor Heating, 16A
W: wifi version

Example: BHT-005 GAW

TECHNICAL DATA

| | | | |
|--------------------------------|---|-------------------|--|
| Power Supply | 95~240 V AC, 50~60 Hz | Current Load | 5 A(water heating/ water boiler/gas boiler) 16 A(electric heating) |
| Temp. Error | $\pm 1^{\circ}\text{C}$ | Sensor | NTC3950, 10K |
| Screen | LCD Negative display | Timing Error | <1% |
| Set Temp. Range | 5~45 $^{\circ}\text{C}$ | Power consumption | <1.5W |
| Working Ambient Temp/ Humidity | 0~45 $^{\circ}\text{C}$, 5~95% RH (Non Condensing) | Installation Box | European 60mm Round Box |
| Shell Material | PC+ABS(Fireproof) | Buttons | Capactive Touch Buttons |
| Protection Class | IP20 | | |

DIMENSION



BEFORE WIRING AND INSTALLING

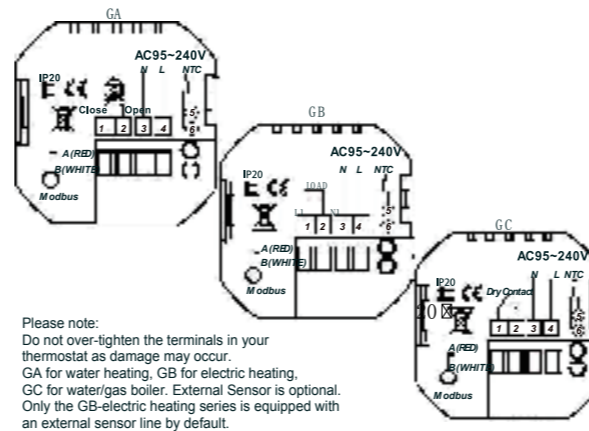
Precautions before installation

1. Be sure this product is suitable for your heating equipment before installation;
2. Be sure to keep the power off before installation or maintenance;
3. Follow the wiring diagram for wiring strictly;
4. Be sure that it is fastened and suitable when installing to the wall,
5. Do not pull the cable hard, it may damage the product;
6. Bend it to an appropriate angle first, if hard plastic wire is used in installation,
7. Only professionalist can install;
8. Please contact the after-sales service for any equipment failure, please do not try to repair it yourself;
9. After installation, please read this manual to double check normal safety;

CAUTION

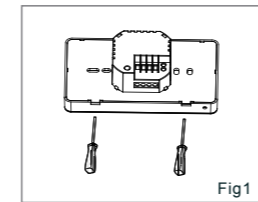
Electrical Shock or Equipment Damage Hazard. Can shock individuals or short equipment circuitry. Disconnect power supply before installation.

WIRING

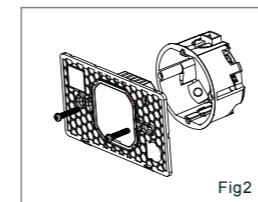


INSTALLATION

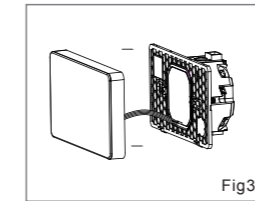
Step 1: Use a screwdriver to pry open the mounting plate along the buckle position. After prying open, connect the cable to the screen and the power box without removing the cable. (Fig1).



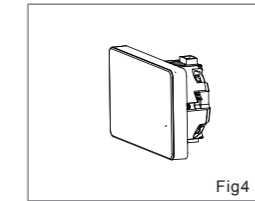
Step 2: Make sure that the wires are without electricity, connect the thermostat with the wires according to the wiring diagram, and then fix the mounting plate on the cassette with (Fig2).



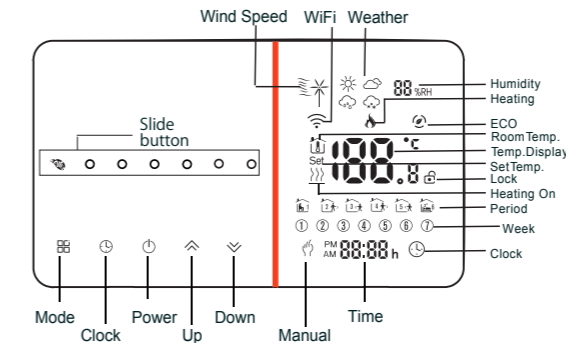
Step 3: Snap the thermostat screen and the mounting plate together to complete the installation. Power on for testing. (Fig3)



Step 4: Installation complete. (Fig4).



HOME SCREEN QUICK REFERENCE



1. Display humidity, weather.
2. The weather data uploaded to thermostat 3-4 minutes after thermostat is connected to the Internet. It would be updated every 30 mins.

Operation

1. **Power On/Off:** Press \uparrow to control the thermostat on/off.
2. **Manual & programming mode:** Press \square to switch manual mode \uparrow , programming model \downarrow .
3. **Temp. set:** In manual mode, press the " \wedge " or " \vee " to adjust the temperature. After the screen light goes out, the thermostat starts to set the temperature.
4. **Time set:** The wifi version synchronizes the network time every hour after connecting to the Internet, and there is no need to manually set the time; **Non-wifi version**-press " \downarrow " to select the minute, hour, week, and press the " \wedge " or " \vee " to set Numerical value. After the adjustment is complete, press " \square " to exit the time setting.
5. **Lock** \square : Press and hold both " \wedge " and " \vee " for 5 seconds, the thermostat will enter lock mode. You can set the full lock and half lock in the advanced options, please refer to the description of the advanced options below.
6. **5+1+1 programming set:** WiFi version can be set in APP. **Non-wifi version**, press " \downarrow " 4 times to enter the programming mode setting. At this time, the screen displays (1)(2)(3)(4)(5), the "min." of the time flashes, and the period 1 " \downarrow ". Press " \downarrow " again to select and set the hour, temperature, and period. Press " \wedge " or " \vee " to adjust the corresponding value.

Press " \square " once more to confirm and exit. Default settings for program schedule

| Time display | MON.-FRI. (①②③④⑤ shows on screen) | | SAT. (⑥ shows on screen) | | SUN. (⑦ shows on screen) | |
|--------------|--------------------------------------|-------|-----------------------------|-------|-----------------------------|-------|
| | TIME | TEMP. | ON TIME | TEMP. | ON 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 |

7. Check the external sensor temp.

Press " \vee " for 5 seconds, the screen will display the temperature of external sensor. If the external sensor is not connected, "err" will be displayed.

Setting the Functions and Options

When the power is off, press " \downarrow " and " \square " at the same time for 5 seconds to enter the advanced selection setting. Press " \square " 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.

| Code | Function | Setting and options | Default |
|------|-------------------------------|---|---------|
| 1 | Temperature compensation | -9 to 9 $^{\circ}\text{C}$ | -3 |
| 2 | Deadzone Temp. | 1-5 $^{\circ}\text{C}$ | 1 |
| 3 | Button Locking | 00: All buttons are locked except power button. 01: All buttons are unlocked. | 1 |
| 4 | Sensor typer | In: Internal Sensor (to control the temp.) Ou: External Sensor (to control the temp.) AL: Internal&External Sensor (Internal sensor to control the temp., external sensor to limit the temp.) | AL |
| 5 | Min. Set Temp. | 5-15 $^{\circ}\text{C}$ | 5 |
| 6 | Max. Set Temp. | 15-45 $^{\circ}\text{C}$ | 35 |
| 7 | Temp. display | 00: Display set Temp. and Room Temp. 01: Only display set Temp. splay | 0 |
| 8 | Low temp. protection setting | 0-10 $^{\circ}\text{C}$ | 0 |
| 9 | High temp. protection setting | 25-70 $^{\circ}\text{C}$ | 45 |
| A | Energy saving Mode | 00: OFF 01: ON | 0 |
| B | Energy saving Temp. | 0-30 $^{\circ}\text{C}$ | 20 |
| C | Standby Brightness | 3-99 | 0 |

ABOUT WIFI

WI-FI CONNECTION

When first time using Wi-Fi thermostat, you must configure the Wi-Fi signal and settings on your smartphone or tablet. This will allow communication of 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 scan the QR code above (Figure 1-2) by browser to complete account registration and installation according to the guidance of the APP.

Step 2. Connect the thermostat

Follow the steps 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



Scan this QR code

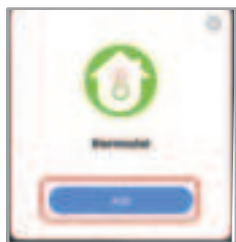


Fig2.3

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



Fig2.3.1

Network distribution mode:

1. EZ Mode
When the thermostat is off, press and hold the "V" until the thermostat screen flashes quickly and displays the "Wi-Fi" icon, and then operate according to the following figure (Fig 2.4-Fig 2.7).



Fig2.4



Fig2.8



Fig2.9



Fig2.5



Fig2.6



Fig2.7



Fig2.10



Fig2.11

2.AP Mode

When the thermostat is off, press and hold the "V" until the thermostat screen flashes slowly and the "Wi-Fi" icon appears. (if the "Wi-Fi" icon appears, continue to press the "V" until the thermostat screen Flashes slowly and displays the "Wi-Fi" icon), and then operate according to the following figure (Fig 2.8-Fig 2.14).



Fig2.12



Fig2.13

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



Fig2.14

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.

External sensor temp.

Power

SIMPLE EXCEPTION HANDLING

| No. | Phenomenons | Handling |
|-----|--|--|
| 1 | Power is on but without display. | * Check if the terminals between LCD panel and Power Unit Box is loosen. |
| 2 | Without output but display works. | * Use a new LCD panel or new Power Unit Box to replace the old one. |
| 3 | Room Temp. Is a little different from the actual | *Do temperature calibration in item 1 of high senior options |

SERVICE

24-months warranty since date of purchase
Service beyond the warranty period may need charge.
More details, please contact us.