Smart Wireless Hub

BHT-901Y-W



Scan the QR code to watch the operation video

2006RF HUB

8000RF HUB

Before wiring and installing

1. Please confirm that this product 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, please confirm that it is fastened and suitable for this product;
5. Do not pull the cable hard, otherwise it will cause damage to the product;
6. If a hard plastic wire is used in the installation process, it must be bent to an appropriate angle in advance;
7. Please arrange professional installation;
8. Please contact the after-sales service for equipment failure, please do not try to repair it yourself;
9. After installation, please refer to this manual to check again to ensure normal

About your hubs

The BHT-901Y-W wireless hub supplies 220V power to up to 8 thermal actuators, with safe and user-friendly wiring. It is equipped with zone control indicator lights for easy real-time status monitoring.

Features

On Appearance

1.Safe and convenient wiring design.

2.Clearly labeled controls and indicators for easy operation and status monitoring.

On Function

1.Wireless transmission range of up to 50 m (164 ft), even through up to three walls.

2.Dual-app support:

The Hub App allows users to monitor actuator status, enable cloud-priority control, activate the 7-day anti-scale function, and view the real-time status of each output channel.

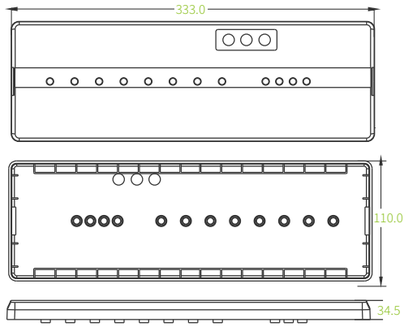
In the box you will find

Hub*1; Screw*2; QC passed*1; User Guide*1; RF Antenna*1

Technical data

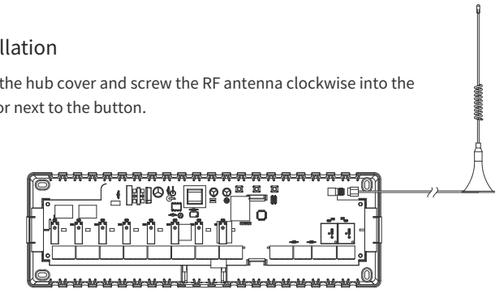
Hub operating voltage	95~230V，50/60Hz	Water pump output current	95~230V，Max10A
Actuator output current	95~230V，Max5A	Environment humidity	5~95% No condensation
Boiler output current	95~230V，Max10A	Shell Material	PC+ABS

Dimension

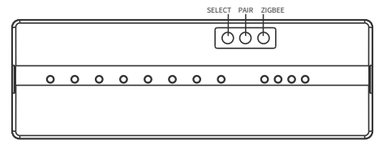


Installation

Remove the hub cover and screw the RF antenna clockwise into the connector next to the button.



Front Panel Overview



Button Labels

SELECT (Short Press)

Select Channels 1–8. The selected channel LED flashes rapidly. Press again during pairing to return to channel selection.

PAIR (Short Press)

Start pairing for the selected channel. The LED changes to slow flashing during pairing (max. 10 minutes). Press again to exit pairing.

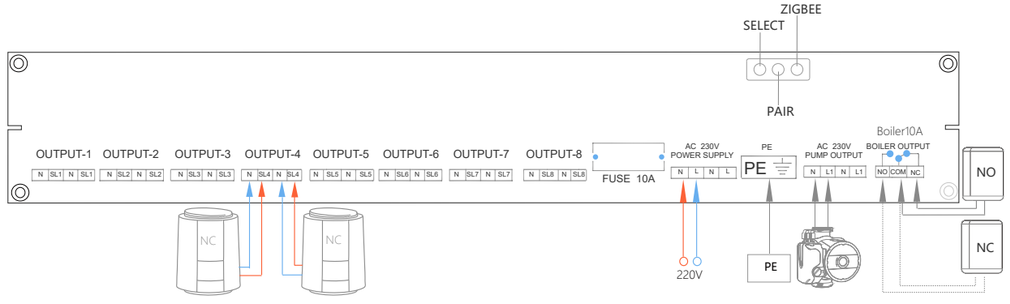
ZIGBEE (Press & Hold >8s)

Enter network pairing mode. The Pump and Boiler LEDs flash rapidly.

Wiring

CAUTION

Electrical Shock or Equipment Damage Hazard. Disconnect power before installation.



About APP

Step 1. Download the App（Fig1.1-2）

Download Smart Life from the Apple App Store or Google Play, or scan the QR code below. Follow the on-screen instructions to register and log in.

Fig1.1

Fig1.2 iOS/Androi

Step 2. Connect to gateway

Refer to your gateway user manual to complete gateway setup. The following example uses the Wireless Smart Zigbee Gateway.

Press and hold the gateway reset button until the blue LED stays on and the red LED flashes, then follow Fig. 2.1–2.7 to complete the connection.

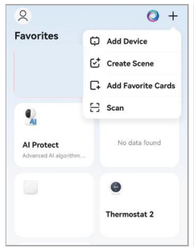


Fig 2.1

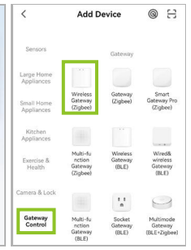


Fig 2.2



Fig 2.3



Fig 2.4

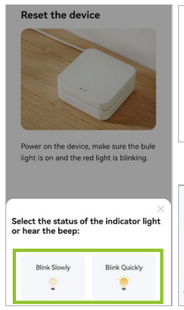


Fig 2.5



Fig 2.6

Fig 2.7

Step 3. Add the Hub

Adding the hub to a Zigbee gateway :

Press and hold the ZIGBEE button for more than 8 seconds to enter pairing mode. The Pump and Boiler LEDs will flash rapidly. Follow Fig. 2.7–2.11 to add the hub to the gateway.

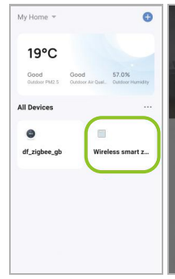


Fig 2.8

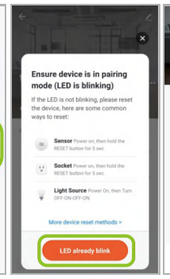


Fig 2.9

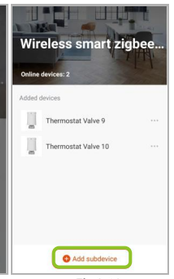


Fig 2.10



Fig 2.11



Fig 2.12

App Functions

Hub Interface

After successful pairing, the APP automatically switches to the Hub interface. Activated thermostat channels are indicated by solid LEDs.

APP Priority Control

When enabled, devices can only be controlled via the APP. Local thermostat control is disabled (Fig. 2.14).

7-Day Descaling Function

The system automatically cleans thermal actuators every 7 days. Each cycle lasts 5 minutes.

Binding Status

View the binding status of all 8 channels in the APP.

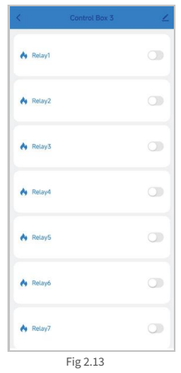


Fig 2.13

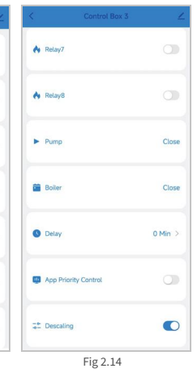


Fig 2.14

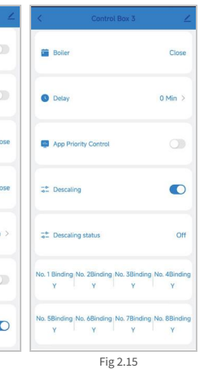


Fig 2.15

Simple Exception Handling

Wireless Hub		
No.1	Phenomenon	Handling
1	Power Indicator Off	Check if all wiring connections are secured properly
2	Pump & Boiler Fail to Activate	Check whether Channels 1 to 8 are enabled
3	LED indicators for Channels 1~8 are off	Check whether the transmitter panel is in heating mode

Service

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