

# Wireless Digital Room Thermostat

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This surface-mounted radio thermostat has been developed to be able to switch electric and conventional heating systems on and off using a set temperature and time.



## Functions

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- ✓ Large display can be clearly read with the background lighting.
- ✓ Touch button make it easy to use.
- ✓ Heat mode & cold mode
- ✓ The display shows the set temperature as well as the measured temperature, time.
- ✓ Temperature display in degrees Celsius.
- ✓ The thermostat is supplied with a wall-fixing frame, base and a very compact receiver (surface-mounted).

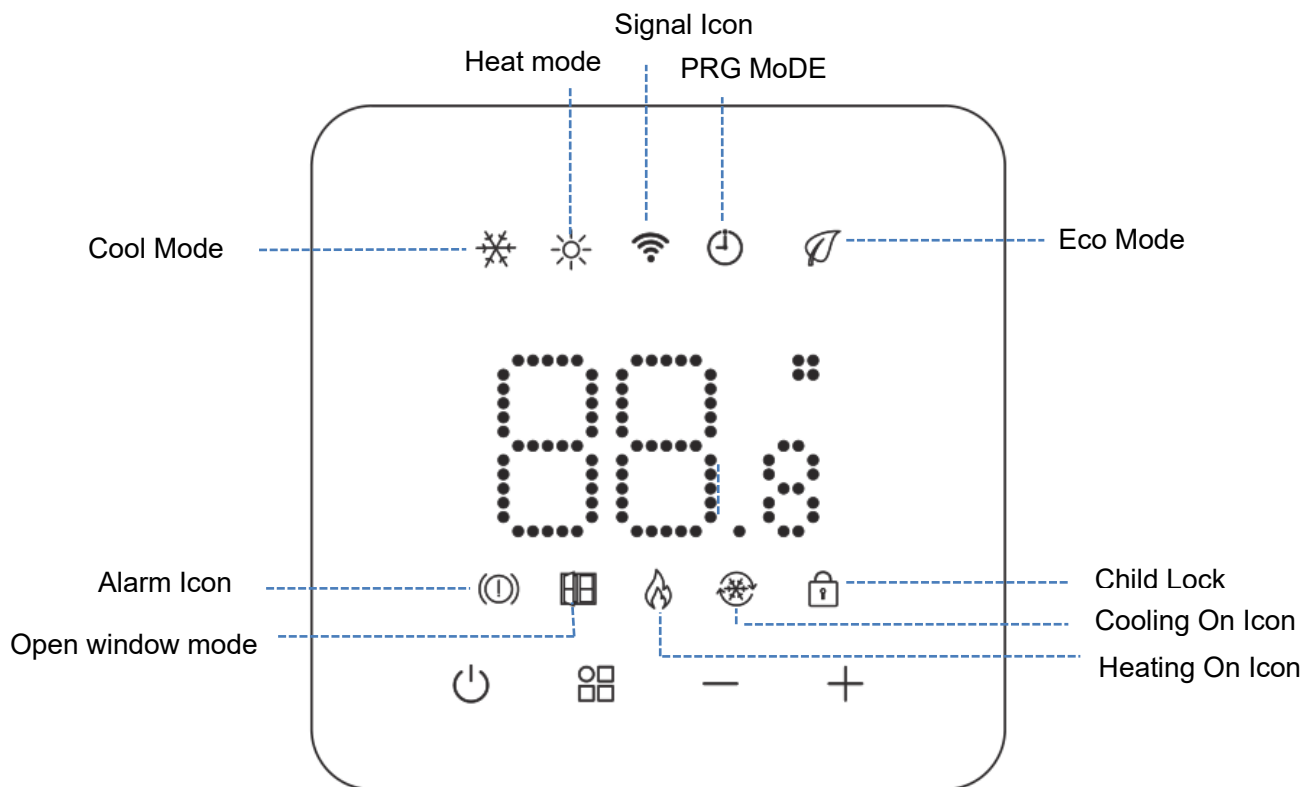
## Technical Data

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Thermostat operating voltage:	4*AAA 1.5V alkaline battery or Type C
Frequency:	868 Mhz
Temperature settings:	5°C ~ 35°C, 0.5°C increments.
Accuracy:	+/- 0.5°C
Thermostat dimensions:	Surface mounted, 100*100*22MM
Color:	White
IP protection rating:	20.
Certification:	CE, RoHs

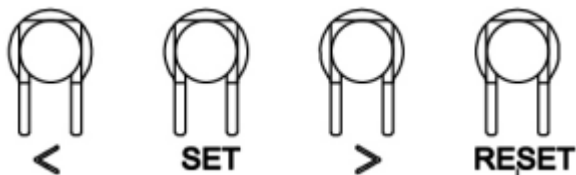
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## Display



## Code Pairing with **HR-03** ( change to your own model no.)

- 1) At control centre(HR-03), press < or > till desired pairing zone LED flashing slowing. Press **SET** button on HR-03, the LED flashing quickly.



- 2) Turn off thermostat, long press  button location until screen shows , then press + button, the signal icon  starts flashing.

3) Wait until the indicator on control centre(LED1-LED8) stop flashing, code pairing success.

4) You can check if thermostat and HR-03 work fine by setting the temp higher than room temp, then system should start heating, when heating, the LED on HR-03 will on, that means the corresponding actuator is working now. ID Pair success.

5)If you want unlink the thermostat and HR-03 channel, press < or > till desired unlink zone LED flashing slowing. Press RESET button for 2 seconds to unlink.

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5) If HR-03 factory reset need, press < and > for 5 seconds till all LED on.

## Code Pairing with gateway (optional)

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**Before adding this thermostat to the app, please make sure you have add the gateway E-hub.**

1. On app, press gateway-- press add sub device—press heater

2. Turn off thermostat, long press  button location until screen shows , then press + button, the signal icon  starts flashing.

3. Wait for a while, LED 1 stop flickering, code pairing successful.

## Child Lock







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Under child lock ON (refer to menu11 of parameter setting ), the buttons will lock once backlight off.

Long press +/- button at the same time to unlock.

## Mode Select


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Press  button to select Manual Mode , Eco Mode  or PRG mode   
Long Press  button to select between Heat Mode  & Cool Mode 

## Open Window Detection(OWD) Function



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When the Open Window detect function is enabled in the parameter setting, the system will automatically stop heating when it detects a sudden drop of room temperature (2°C in 15 minutes as default). This is normally caused when a window or door is opened without turning off the heating device.

The device will return to the previous mode of operation after 30mins, then  disappear. Press any button will exit OWD function during the heating off period.

## Parameter Setting

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Turn off thermostat, long press  button and + button to enter parameter setting page, each press of  button will go to next item setting. By adjusting knob to left or right to change value setting. After setting, wait till backlight off to exit.

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<u>Menu</u>	<u>Description</u>	<u>Range</u>	<u>Default Value</u>
01	Temp. calibration	-8 °C ~8 °C	0°C
02	Set Point Max.	5 °C ~35°C	35 °C
03	Set Point Min.	5 °C ~35°C	5 °C
05	Frost Protection Temp.	OFF: -- ON: 5 °C ~15°C	5 °C
09	Dead zone	0~3°C	0°C
11	Child Lock	1: Lock 0: Unlock	0
12	Open window detect function	ON OFF	OFF
13	OWD Detect Time	2~30mins	15mins
14	OWD Drop temp. select ( within detect time )	2°C.3°C.4°C	2°C
15	OWD Delay time select (Return to previous working status)	10~60min	30mins
17	Factory reset	1: Yes, and then press On/off button for 5s,wait until thermostat restart	
18~21	Software Number	Read Only	
32	Min. backlight brightness adjustment during standby mode ( only available when power by USB)	0-100%	10%

## Installation

- Carefully separate the front half of the thermostat from the back plate by placing a small flat head terminal driver into the slots on the bottom face of the thermostat.
- Mark 2 hole positions on the wall using the back plate as a positioning template. Drill at the marked positions and insert a wall plug into each hole. Screw the thermostat back plate securely on the wall.
- Remove the battery cover, and insert the batteries.
- Clip the front of the thermostat back onto the thermostat back plate.

