

Wireless Digital Room Thermostat

WT-18 wifi

This smart thermostat has been developed to be able to switch electric and conventional heating systems on and off using a set temperature and time remotely at any time anywhere.



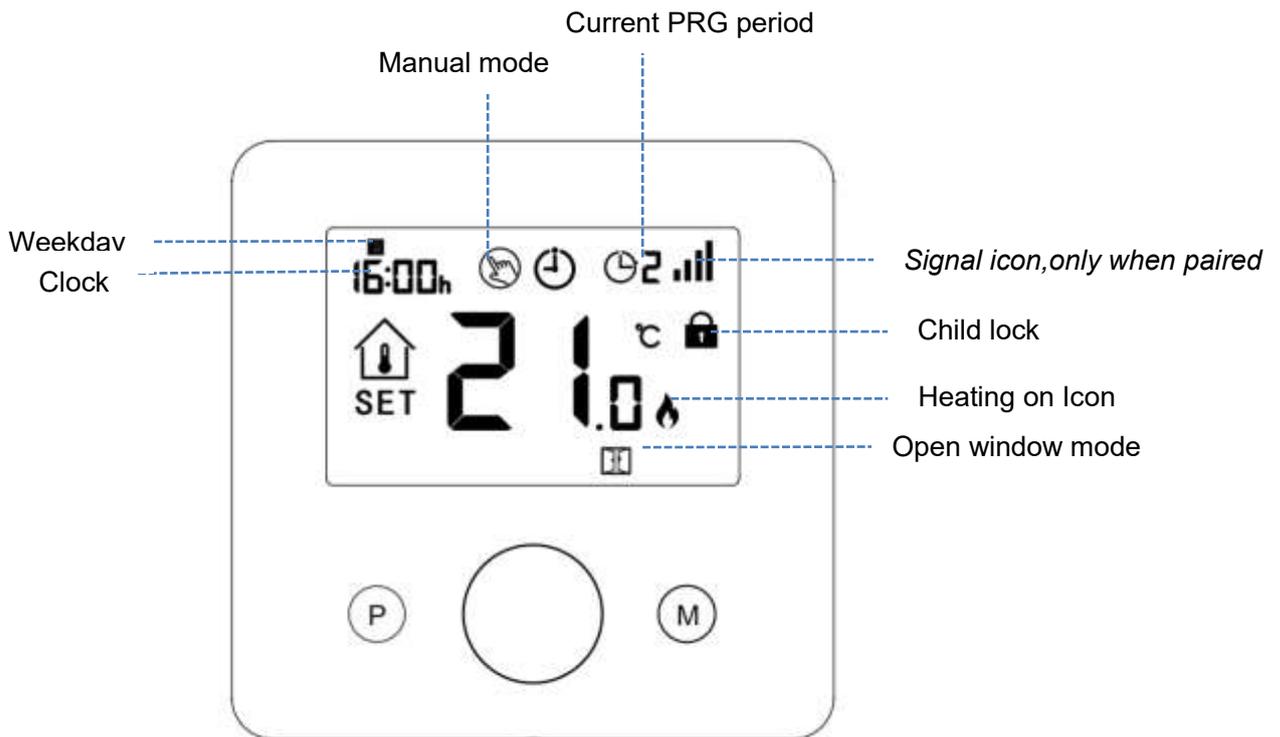
Functions

- ✓ WIFI control
- ✓ Voice control
- ✓ 4 periods of each day programmable
- ✓ Child lock
- ✓ Open window detection
- ✓ Frost protection
- ✓ Large display can be clearly read with the background lighting.
- ✓ Knob button make it easy to use.
- ✓ The display shows the set temperature as well as the measured temperature, time.

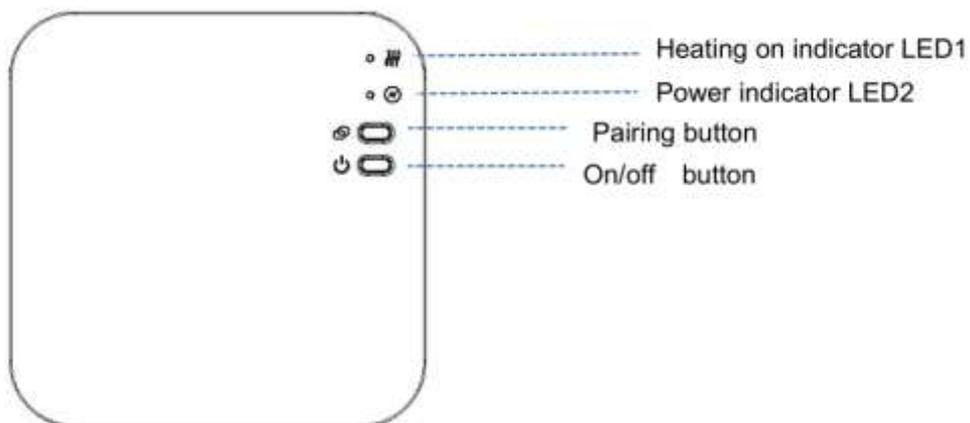
Technical Data

Thermostat operating voltage:	2*AAA battery power supply
Backup storage:	EEPROM
Receiver operating voltage:	230 VAC, 50/60 Hz
Maximum voltage / (ohmic) load:	250 VAC/10A.
Frequency:	868 MHz
Channel selection:	By programming the thermostat and the receiver.
Switching options:	7 days, 4 periods each day.
Receiver switch contacts:	NO and NC.
Temperature settings:	5°C ~ 35°C, 0.5°C increments.
Accuracy:	+/- 1°C
Thermostat dimensions:	Surface mounted, 86*86*26.48MM
Receiver dimensions:	Surface mounted, 90* 90*26 mm
Color:	White
IP protection rating:	20.
Certification:	CE, Rohs, RED

Display



Code Pairing & WIFI Connection



I. Code Pairing with Sender

- 1) Long press the code pairing button on the receiver until LED 1 is flickering quickly.
- 2) Turn on thermostat and long press **ON/OFF** button until the code shows on the screen, then please rotate button to right, the ID code start flashing. Wait for a while till LED 1 stop flickering, code pairing success.
- 3) Press **ON/OFF** button on thermostat to exit.

II. WIFI connection with App

- 1) Scan the QR code, and download “Smart Life” APP from google play or app store
- 2) Install app and register account
- 3) Add device by press + button at top right corner
- 4) Press “ Small Home Appliances ”
- 5) Find “ Thermostat (Wi-Fi)” on the list and press
- 6) Long press the **Pairing button** on receiver until LED 1 is flickering quickly.
- 7) Choose “ EZ mode” on top right corner of app
- 8) Tick “Confirm indicator rapidly blink” on phone.
- 9) Wait a moment till connection done. The LED 1 on receiver will stop flashing, WIFI connection successful.



III. Clear all pairing

Long press both code pairing button and On/Off button for 5 seconds, LED1 and LED2 will flicker once at the same time, codes pairing are eliminated.

IV. Signal Lost

In case the RF and WIFI signal lost/disconnected, LED 1 will flicker slowly.

Clock Adjustment

Press and hold **M** button for 3s, set the clock by adjusting the knob to left or right, each press of **M** button will go to next item setting.

Menu	Description	Menu	Description
01	Clock setting- Minute	03	Clock setting- Weekday
02	Clock setting- Hour		

Mode Select

Press **M** button to switch mode from PRG mode  to absent mode  or Manula mode .

Notes:

- 1) If thermostat works at PRG mode , you change set temperature by rotating knob to left or right, this set temperature only works as temporarily setpoint, it will not be kept at next period.
- 2.) If thermostat works in absent mode  or Manual mode , you change set temperature by rotating knob to left or right, this set temperature will be kept for next time usage.

PRG setting

Press and hold **P** button for 3s to enter program setting.

Set the schedule (Weekday-Period-Start time-Temp.) by adjusting knob to left or right to change value setting, each press of **P** button will go to next item setting.

Default Setting:

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Period	1		2		3		4	
	Time	Temp	Time	Temp	Time	Temp	Time	Temp
12345(Mon.~Fri.)	7:00	22°C	8:30	19°C	17:00	22°C	22:00	19°C
6(Sat.)	8:00	22°C	8:30	22°C	17:00	22°C	22:00	19°C
7(Sun.)	8:00	22°C	8:30	22°C	17:00	22°C	22:00	19°C

Temperature Calibration

This feature used to calibrate thermostat's room temperature display when actual room temperature different from thermostat showed (refer to the menu 01 of parameter settings). For example, if actual room temperature 21.5°C, but thermostat shows 23°C, then you can set this value to -1.5, then radiator thermostat will show 21.5°C.

Frost Protection

This is the temperature maintained when the thermostat is in Frost Protection Mode (refer to the menu 05 of parameter settings). If room temperature below 5°C (Default), radiator thermostat will turn on heating till room temperature arrive 5°C (Default).

Switching Differential

This function allows you to increase the switching differential of the thermostat (refer to the menu 09 of parameter settings). The default is 0°C which means that with a set temperature of 20°C, the thermostat will switch the heating on at 19.5°C and off at 20.5°C. With a 0.5°C differential, the heating will switch on at 19°C and off at 21°C.

Child Lock

When the child lock function is enabled (refer to the menu 11 of parameter settings), the buttons will lock once the backlight turns off. Long press **ON/OFF** for 5 seconds to temporarily unlock the thermostat for adjustment

Open Window Detection

When the Open Window mode is enabled (refer to the menu 12 of parameter settings), 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. When open window detected, the screen will show symbol  .

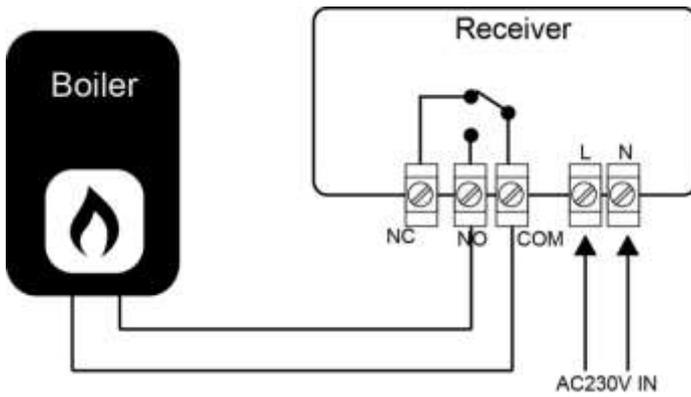
The device will resume to its previous status after 30mins (default) if no action is implemented. Or you can resume the device by manually press any button.

Parameter Settings

Turn off thermostat, long press **ON/OFF** button to enter parameter setting page, each press of **ON/OFF** button will go to next item setting. By adjusting knob to left or right, you can change values. After setting, long press **ON/OFF** button to exit or wait till backlight off to exit.

<u>Menu</u>	<u>Description</u>	<u>Range</u>	<u>Default Value</u>
01	Temp. calibration for internal sensor	-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.	5 °C ~15°C	5 °C
09	Switching Differential	0~3°C	0°C
10	Display	0: Room temp. 1: SET temp.	0
11	Child Lock	0: Unlock 1: Lock	0
12	Open window detect function	ON OFF	OFF
13	OWD Detect Time	2~30mins	15mins
14	OWD Drop temp. select (within detect time)	2.3.4°C	2 °C
15	OWD Delay time select (Return to previous working status)	10~60min	30mins
17	Factory reset	0: No 1: Yes, and then press On/off button for 5s,wait until thermostat restart	0
	Software No.	XXXX	
	Version No.	XX-XX	

Wiring Diagram



Installation

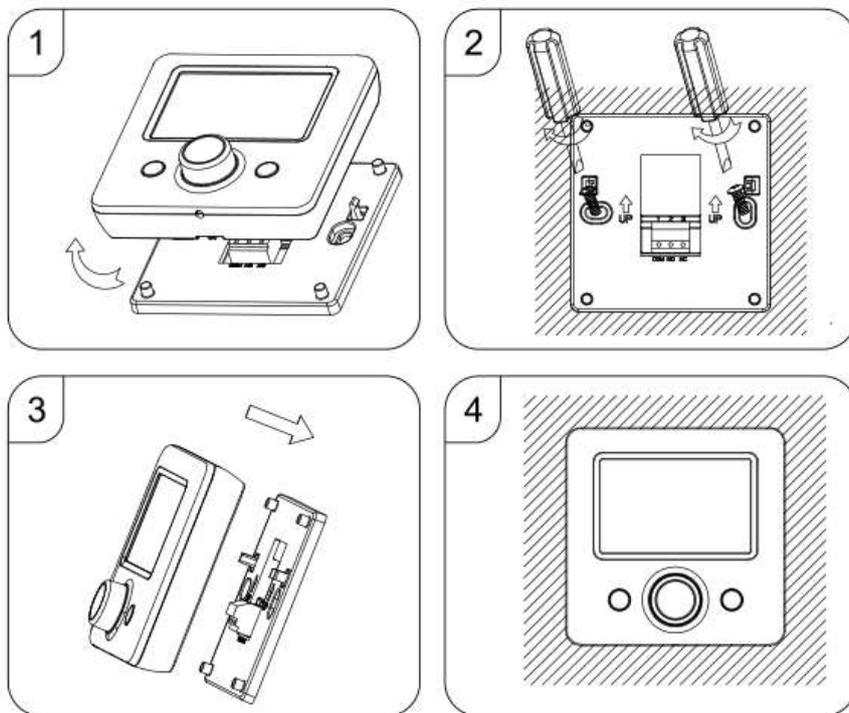
Mount the thermostat at eye level. Read the instructions fully so you get the best from our product. Do not install near to a direct heat source as this will affect functionality. Do not push hard on the LCD screen as this may cause irreparable damage.

Install Transmitter

Step 1: Carefully separate the front half from the back plate.

Step 2: Screw the thermostat back plate securely on wall with provided screws

Step 3: Clip the front of the thermostat onto the back plate.



Installation Receiver:

1. Using a small screwdriver, slightly loosen the screw located at the base of the RF-Switch. You can then carefully separate the front panel from the back plate.
2. Position the RF-Switch back plate on the wall, fixing into place using the screws provided.
3. Terminate the cables to the RF-Switch as shown in the wiring diagram
4. Mount the front panel onto the back plate, tighten the retaining screw on the base.

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5. Switch on the power supply, the power LED will illuminate.

