





# WiFi Digital Heating Thermostat User Manual

Many thanks for your selection of our products and services, and also for your trust and support to us.

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  Search for "Smart RM" or "Smart Life" Download the Wifi App with the following icon<br> | <ul style="list-style-type: none"> <li>● Turn on the thermostat, press and hold the key combination  and  Activate WIFI distribution network icon</li> </ul> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Kindly remind :you should press any key to awake thermostat before setting

## Features

### Appearance

- |                                                           |                                      |
|-----------------------------------------------------------|--------------------------------------|
| (1) Standard total Size is 86*86mm                        | (5) hidden box and 60mm European box |
| (2) Touch buttons to make simple operation                | (6) Display size : 64*64mm           |
| (3) The visible thickness above the wall is only 15mm86mm | (7) Color:white                      |

### Functions

- (A) Including built-in sensor and external sensor
- (B) 0.5°C accuracy keeps temperature within the level you set.
- (C) Children lock to prevent misoperation by children
- (D) Data memory when power is off.
- (E) Holiday mode make you enjoy more comfortable temperature in holiday
- (F) The temperature of external sensor can be checked

### Product Specifications

- |                                              |                                                 |
|----------------------------------------------|-------------------------------------------------|
| ☆ Power: 90-240Vac 50/60HZ                   | ☆ Range of temperature display: 0~40°C          |
| ☆ Display accuracy: 0.5°C                    | ☆ Insulating condition: Normal environment      |
| ☆ Probe sensor: NTC(10k)1%                   | ☆ Running program: Set per 1 week as a cycle    |
| ☆ Contact capacity: 3A/250V(WW);16A/250V(WE) | ☆ Output: Switch relay                          |
| ☆ Working environment temperature: 0~90°C    | ☆ Installation: Wall mounted or on battery seat |
| ☆ Range of temperature adjustment: 5~35°C    | ☆ Size(mm): 86*86*27                            |

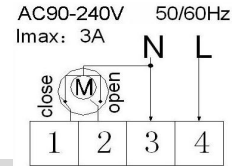
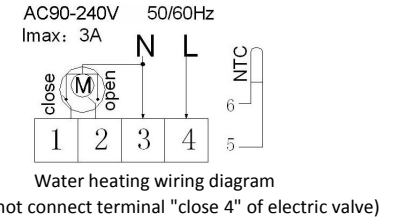
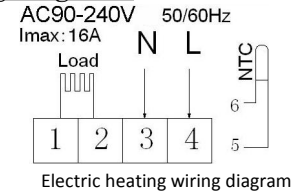
### Before wiring and installing

1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
2. Check the ratings given in the instructions and on the product to make sure the produce is suitable for your application.
3. Installer must be a trained experienced service technician.
4. After installation is complete.check out produce operation as provided in these instructions

### ⚠️CAUTION

**Electrical shock or equipment Damage Hazard. or short equipment circuitry.**  
**Disconnect power supply before installation**

### Wiring Diagram














Water heating and gas wall-hung boiler heating, no contact wiring diagram,(disconnection when electric valve close)  
**Note:3 & 4 connect with power, 5 & 6 connect with gas boiler,if closed type thermal actuator ,then connect 1&3,if open type thermal actuator ,then connect 2&3**








### Displays











### Description of icon





- |                                                                                                                                                                      |                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  Auto mode;run preset program                                                     |  Manual mode                                |
|  Temporary manual mode                                                           |  Clock                                     |
|  Holiday mode, Holiday days and temperature can be set to run in countdown mode |  Heating,,icon disappears to stop heating |
|  WIFI connection, flashing EZ distribution mode                                 |  EXT:External NTC sensor                  |
|  Cloud icon: flashing AP distribution network mode                              |  Child lock                               |
|                                                                                                                                                                      |  Open window                              |







### Operation key

| NO | symbols                                                                               | represent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A  |  | Turn ON/OFF:Short press to turn on/ turn off                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| B  |  | 1 Short press  to switch automatic mode and manual mode<br>2 Turn on thermostat, long press  for 3-5 seconds to enter into programmable setting<br>3. Turn off thermostat, long press  for 3-5 seconds to enter into advanced A setting |
| C  |  | 1 Confirm key: use it with  key<br>2 Only short press it to set time                                                                                                                                                                                                                                                                                                                                              |

|          |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |                                                                                   | 3 Turn on thermostat, long press it for 3-5 seconds to holiday mode setting. Appear <b>OFF</b> , press  or  change to ON, then press  to confirm opening holiday mode<br>4 Turn off thermostat, long press  to enter into advanced B setting |
| <b>B</b> |  | 1 Decrease key<br>2 Long press to lock /unlock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>D</b> |  | 1 Increase key :<br>2 Long press to inquire external sensor temperature<br>3 In the Auto model, press  or  enter to temporary manual mode                                                                                                                                                                                                                                                                      |


### Programmable





5+2 (factory default), 6+1 and 7 models 6 times period setting for user choose. In the advanced options choose model of you need, under power on state, long press  for 3-5 seconds enter into programming mode setting, then short press  choose: hour, minute, time period, and press  and  to adjust data, finished setting, about 10 seconds will automatic save and exist.

|                                                                                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| Wake up                                                                          | Out door                                                                          | Back home                                                                         | Out door                                                                          | Back home                                                                         | Sleep                                                                             |
| 6: 00    20°C                                                                    | 8: 00    15°C                                                                     | 11: 30    15°C                                                                    | 13: 30    15°C                                                                    | 17: 00    15°C                                                                    | 22: 00    15°C                                                                    |


The optimum comfort temperature is 18°C-22°C.

### Advanced options A


Under turn off state, long press  for 3-5 seconds to access advanced A setting.

From A1 to AE, short press  to choose the option, and adjust data by , , short press  to switch next option. Remain about 5 seconds after finish setting will quit setting.

| NO        | Setting Options                               | Data Setting Function                                                                                  | Factory Default            |
|-----------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------|
| <b>A1</b> | Measure Temperature Calibration               | -9--+9°C                                                                                               | 0.5°C Accuracy Calibration |
| <b>A2</b> | Temperature control return difference setting | 0.5-2.5°C                                                                                              | 1°C                        |
| <b>A3</b> | Children lock setting                         | 0: half lock      1: full lock                                                                         | 0                          |
| <b>A4</b> | Power with memory function                    | 0: Power with memory function<br>1: Shutdown power after power off<br>2: Shutdown power after power on | 0                          |
| <b>A5</b> | Backlight sleep brightness                    | 0: 0% of brightness<br>1: 50% of brightness<br>2: 100% of brightness                                   | 1                          |
| <b>A6</b> | Weekly programming selection                  | 0: 5+2    1: 6+1    2: 7                                                                               | 0                          |
| <b>A7</b> | Setting temperature lowest limit              | 1-10°C                                                                                                 | 5°C                        |
| <b>A8</b> | Setting temperature highest Limit             | 20-70°C                                                                                                | 35°C                       |

|           |                                                   |                                                                                                                    |    |
|-----------|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----|
| <b>A9</b> | Protection of low temperature                     | 1: 1-10°C<br>2: Exceed 10°C, screen display <b>【--】</b> , Low temperature protection was cancelled.                | 5  |
| <b>AA</b> | Protection of high temperature                    | 1: 35-70°C<br>2: low than 35°C, screen display <b>【--】</b> , high temperature protection was canceled              | 45 |
| <b>AB</b> | Return difference for high temperature protection | 1-9                                                                                                                | 2  |
| <b>AC</b> | Running temperature of open window function       | 1: 10-20°C<br>2: low 10°C, screen display <b>【--】</b> , open window function was canceled                          | 15 |
| <b>AD</b> | Running time of open window function              | 10-20 min                                                                                                          | 10 |
| <b>AE</b> | Reset                                             | Long press  until whole display |    |

### Advanced options B

Under turn off state, long press  for 3-5 seconds to access advanced B setting

| NO.       | Setting Options    | Data Setting Function                                                | Factory Default |
|-----------|--------------------|----------------------------------------------------------------------|-----------------|
| <b>BN</b> | Choose sensor      | N1: only inner sensor<br>N2: only external sensor<br>N3: both sensor | N1              |
| <b>BC</b> | Descaling function | 0: closed      1: open                                               | 0               |
| <b>BO</b> | version            | V1.0                                                                 | 1.0             |

**Return difference** : limit valve of external sensor is 45°C for factory default (A6), value of external sensor control return difference (A3) is 2. when temperature rise to 45°C, then relay stop working and will remind high temperature production alarm. If temperature decline to 43°C relay continue to work and heating alarm will be relieved. (it can be operated, only when indoor temperature is lower than setting temperature)

**Sensor fault display**: please choose correct working way of built-in and external sensor, if choose wrongly or sensor fault (breakdown), “E1” or “E2” will be displayed on the screen. Thermostat will stop heating until the fault is eliminated

### Warranty:

We offer the warranty of 18 months, from the sales day. The products of our company can have lifetime warranty, if it is not the quality problems, or beyond the warranty period, we will charge for the after-sale service.