

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



- Turn on the thermostat, press and hold the key combination and Activate WIFI distribution network icon

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

Before wiring and installing

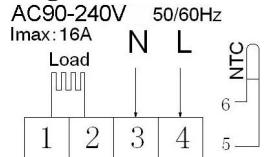
- Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
- Check the ratings given in the instructions and on the product to make sure the produce is suitable for your application.
- Installer must be a trained experienced service technician.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

CAUTION

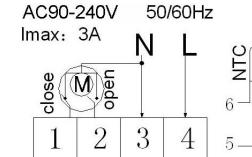
Electrical shock or equipment Damage Hazard. or short equipment circuitry.

Disconnect power supply before installation

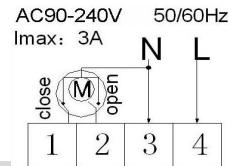
Wiring Diagram



Electric heating wiring diagram

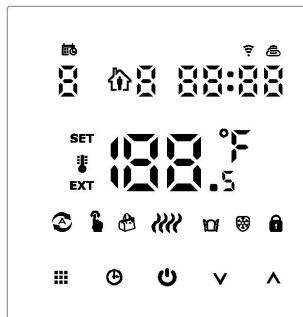


Water heating wiring diagram
(do not connect terminal "close 4" of electric valve)



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

EXT :External NTC sensor

WIFI connection, flashing EZ distribution mode

Child lock

Cloud icon: flashing AP distribution network mode

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 2 Turn on thermostat, long press for 3-5 seconds to enter into programmable setting 3. Turn off thermostat, long press for 3-5 seconds to enter into advanced A setting
C		1 Confirm key: use it with key 2 Only short press it to set time

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

1	2	3	4	5	6
Wake up	Out door	Back home	Out door	Back home	Sleep
6: 00	20°C	8: 00	15°C	11: 30	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
A1	Measure Temperature Calibration	-9~+9°C	0.5°C Accuracy Calibration
A2	Temperature control return difference setting	0.5-2.5°C	1°C
A3	Children lock setting	0:half lock 1:full lock	0
A4	Power with memory function	0:Power with memory function 1:Shutdown power after power off 2:Shutdown power after power on	0
A5	Backlight sleep brightness	0: 0% of brightness 1: 50% of brightness 2: 100% of brightness	1
A6	Weekly programming selection	0: 5+2 1:6+1 2:7	0
A7	Setting temperature lowest limit	1-10°C	5°C
A8	Setting temperature highest Limit	20-70°C	35°C

A9	Protection of low temperature	1:1-10°C 2:Exceed 10°C, screen display , Low temperature protection was cancelled.	5
AA	Protection of high temperature	1:35-70°C 2: low than 35°C, screen display ,high temperature protection was canceled	45
AB	Return different for high temperature protection	1-9	2
AC	Running temperature of open window function	1:10-20°C 2: low 10°C,screen display ,open window function was canceled	15
AD	Running time of open window function	10-20 min	10
AE	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
BN	Choose sensor	N1: only inner sensor N2: only external sensor N3: both sensor	N1
BC	Descaling function	0: closed 1: open	0
BO	version	V1.0	1.0

Return difference : limit value 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.