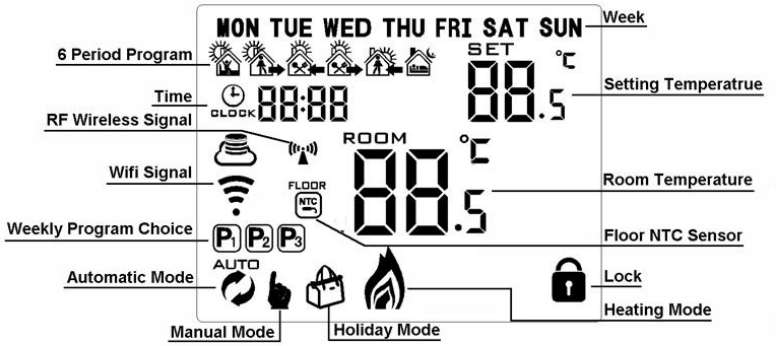
WIFI Wireless Thermostat User Manual

Scan below QR or download “Smart RM” app from Google play and app store.	● When power on state, long press receiver button“push” to match wifi. Normally on is EZ mode. Blinking is AP mode. Successive blinking is matching. ● The App advanced password is 123456 **! Considering battery usage, RF data updates every 20 minutes. If shorten interval, pls use USB power and remove batteries. Follow B05, B06 operation.**

Technical Data

☆ Power: Receiver:230Vac 50/60HZ
Transmitter: USB power supply/4*AAA Batteries
☆ Range of temperature display: 0~40°C
! Pls remove batteries when USB power is working.
☆ Display accuracy: 0.5°C
☆ Probe sensor: NTC(10k)1%
☆ Contact capacity: 5A/250V(WW);16A/250V(WE)
☆ Working environment temperature: 0~70°C
☆ Range of temperature adjustment: 5~35°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)： 130*90*25

Home Screen



Quick Operation

NO	Icon	Description
A		Turn ON/OFF
B		1 Short press ⠿ to switch automatic mode and manual mode 2 Power on state, long press⠿for 3-5 seconds to do programmable setting 3 Power off state, long press⠿for 3-5 seconds to do advanced setting
C		1 Confirm key 2 Short press it to set time 3 Holiday mode setting.
B		1 Decrease key 2 Long press to lock /unlock
D		1 Increase key 2 Auto mode state, press▲, ▼ to enter into temporary manual mode 3 Long press to check external sensor temperature (only used for the receiver with external sensor)

Time Setting

Power on state, press 🕒 to set minute. Second press 🕒 to set hour. Third press 🕒 to set week. Press ▲,▼ to change value. Press 🕒 again to confirm.

Holiday Mode Setting

Power on state, long press 🕒 for 3-5 seconds to do holiday mode setting. Press ▲or ▼to change “OFF” to “ON”. Then press 🕒 to switch days and temperature, press ▲,▼ to change value. Press 🕒 again to confirm. If you want to close holiday mode, press ⠿

Programmable Mode Setting

6 times period setting: 5+2 days(factory default),6+1 days, 7 days

Long press “⠿” 3-5 seconds to do Programmable Mode Setting . Short press “⠿” to switch and confirm. Press “▲” and “▼” to adjust value.

Power on state, long press “⠿” 3-5 seconds to enter into first time period then set hour. press “▲” and “▼” to adjust hour, short press “⠿” to confirm then set minutes, press “▲” and “▼” to adjust minutes, press “⠿” to confirm then enter into temperature setting, press “▲” and “▼” to adjust value. Pls follow the steps of first time period to set second time period, thirdly time period .....

After finish setting , stand for about 10 seconds ,it will save setting then exit .

Wake up		Out door		Back home		Out door		Back home		Sleep	
6：00	20℃	8：00	15℃	11：30	15℃	13：30	15℃	17：00	15℃	22：00	15℃

Advanced Setting

Power off state, long press ⠿ for 3-5 seconds to do advanced setting. Short press "⠿" to switch and confirm. Press "▲" and "▼" to adjust options.
After finish setting , stand for about 5 seconds ,it will save setting then exit .

NO	Description	Range	Default
A1	Temperature Calibration	-9-+9℃	0.5℃
A2	Switching Differential of Built in Sensor	0.5-2.5℃	1℃
A3	Switching Differential of External Sensor	1-9℃	2℃
A4	Children Lock	0:half lock 1:full lock	0
A5	Max temp of External Sensor	1. 35℃-70℃ 2. When setting temp is lower than 35℃, screen displays【--】, cancel highest temp protection	--
A6	Min temp of External sensor (anti-freeze protection)	1. 1-10℃ 2. When setting temp is higher than 10℃, screen display【--】, cancel anti freeze protection	5℃
A7	Max Temp Setting	1-10℃	5℃
A8	Min Temp Setting	20-70℃	35℃
A9	Descaling function	0:Close descaling function 1:Open descaling function（Function works for 3 minutes every no-operating 100 hours）	0
AA	Power off Memory	0:Stay last state 1: Electricity turn off 2: Electricity turn on	0
AB	Weekly Programmable Function	P1: 5+2 days P2: 6+1 days P3: 7 days	P1
AC	Factory defaults	Display A o, long press 🕒until show the whole screen	

Setting IP code

Power off state, long press 🕒 for 3-5 seconds to do advanced setting. Short press "🕒" to switch and confirm. Press "▲" and "▼" to adjust options.
After finish setting , standing for 5 seconds ,it will save setting then exit .

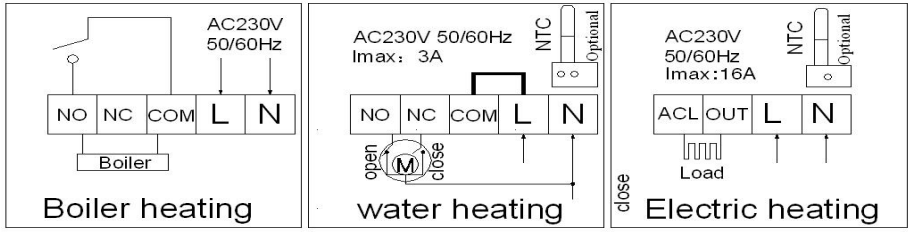
! Considering battery usage, RF data updates every 20 minutes. If shorten interval, pls use USB power and remove batteries. Follow B05, B06 operation.

NO	Setting Options	Data Setting Function	Factory Default
B1	IP code low setting	00-FF	00
B2	IP code high setting	01-FF	01
B3	IP matching code	Display"55" means IP match successfully. (When receiver is power-on, press thermostat ▲ successively)	00
B4	Sensor state	N1:single built-in sensor N3：both built-in sensor and external sensor. (when receiver with external sensor, this option is automatically recognized and cannot be changed)	N1
B05	Minute interval of RF transmission	1: 1-30 minutes 2:0 B06	20 min.
B06	Second interval of RF transmission	3-30 seconds	30 s

Receiver Indicator Light

Power-on light : green light
Load light/fault light : red light
A、When no fault: normally on when load output, light off when no load output
B、When fault: blinking
1. IP fault (IP:FFFF) : Light blinks 2 times every 2s
2. No wifi signal within 1h: Light blinks 3 times every 2s
3. External sensor fault: Light blinks 4 times every 2s
Sensor fault : Display "E1" or "E2" . Thermostat stop heating until the fault is eliminated.
RF matching light: orange light
(B3 IP matching code) When receiver is power-on, orange light is normally on within 10s. And light off when finish matching. When receiver is power-off, orange light is blinking within 10s.
Wifi matching light: blue light
When power on state, long press receiver button"push" to match wifi. Normally on is EZ mode. Blinking is AP mode. Successive blinking is matching.

Wiring Diagram



RISK OF ELECTRICAL SHOCK

Please arrange professional technician to install the product according to drawings and instructions. Disconnect power supply before making any connection. Contact with components carrying hazardous voltage can cause electrical shock.