

WIFI Zigbee Radiator Actuator User Manual








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Search for "Smart RM" or "Smart Life"



Download the Wifi App with
the following icon



- Add your gateway to the App, then add your radiator actuator to your gateway in the App
- After the actuator has completed self-test, press  about 3s access setting interface , click  or  until  blink and press , press and hold  until  rapidly blink, connection begin.

Note:Your smart phone and gateway must be connected to the same wireless router

Product Specifications

Power: 2*2 AA* 1.5V alkaline batteries

Insulating condition: Normal environment

Display accuracy: 0.5°C

Running program: Set per 1 week as a cycle

Probe sensor: NTC(10k)1%

Size(mm): 53*89.5










Maximum route: 4.5mm

Range of temperature display: 1~70°C

Default range of temperature adjustment: 5~35°C Maximum current: 90mA

Working environment temperature: -10~60°C Thread size: M30*1.5

Displays & Buttons

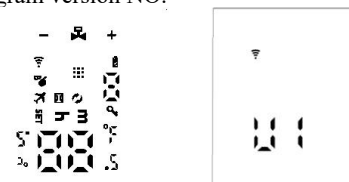
NO:	Icon	
A	 weekly program,  Low battery、  Child lock,  open window	
B	 Holiday mode、  Automatic Mode、  BOOST Mode、  WIFI mode	
C	h hour setting m minute setting	
NO:	key	represent
D		1. short press to set automatic and manual mode. 2. long press 3s to enter setting interface





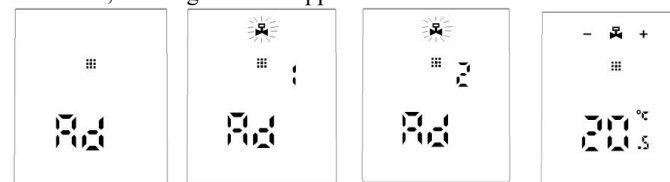
		3.confirm key
E	—	1. Decreasing key 2. long press it to lock or unlock
F	+	1. Increasing key 2. long press it into boost mode

Installation and initial commissioning


Install the actuator with the valve and power-on , all of the icons appear, 3s later display program version NO.




Continuous click  until “Ad” appear, press  again, actuator begin self-testing, self-testing is finished, working interface appear



Malfunction

error code	description
E1	Route is too short: in the adjustment process, the pin was stuck before it reach the destination of 2mm.
E2	The temperature sensor is open or damaged
	flashing indicates low battery

Note: After malfunction is solved , click  to self-test again

Function description

Mode	Explain
Holiday mode	press 3s enter setting interface, click or until blink ,then press to confirm and enter temperature setting, press or to adjust value, press confirm and enter days setting, press or to adjust value. If you want to cancel holiday mode, press .
Ventilation and energy saving	Ventilation and energy saving function is default off, if you want to open this function, please set in advanced options(The default settings will be restored when the battery is replaced)
BOOST	Press and hold enter BOOST, pressing any key can cancel BOOST mode.

Time setting

Press about 3s access setting interface , click or until blink , press to confirm and appear, press or to adjust hour value, press to confirm and appear, press or to adjust minute value, press to confirm and number appear, press or to adjust week value, press to confirm.

Note:When the actuator is connected to network, the time will be automatically update.

Programming mode setting

Press about 3s access setting interface , click or until blink , press enter programming, click until the mode you want blink (5 represent 5+2 days, 6 represent 6+1 days, 7 represent 7 days), press to enter first time period hour setting, press or to adjust value, press enter minute setting, press or to adjust value, press enter temperature setting, press or to adjust value, press to set second time period, thirdly time period

After finishing all time period,press to save and exit.If you exit before finishing all of the setting,don't operate, after 5s it will automatically save and return to working interface.

Programmable(default):

period	Default period	Default temperature
1	6:00-8:00	20℃
2	8:00-11:30	15℃
3	11:30—12:30	15℃
4	12:30—17:30	15℃
5	17:30—22:00	20℃
6	22:00—6:00	15℃

Advanced options

Press about 3s to access setting interface, click or until blink, press to access advanced options, press or to change value, press to set next item, after finishing all ,don't operate, after 10s it will automatically save and exit.

Symbol	Setting item	Parameter	default
A1	Measure the temperature correction	-9-+9℃	1℃
A2	Window ventilation function	display , press or to set temperature (temperature limit: 5-25℃), press to confirm and enter valve closing time setting (closing time limit: 5-60 minute)	1.display means close 2.Valve closing time default 15 minute
A3	Automatic lock if no operation more 10 minutes	0: close 1: open	0
A4	The minimum limit of the setting temperature	1-16℃	5℃
A5	The maximum limit of the setting temperature	16-70℃	35℃
A6	Extend BOOST running time, per press to increase 100s,	100s-900s	300(display 30)
A7	Check valve opening	99 mean valve open 100% 5 mean valve open 5% Each increment is 5%	
A8	Temperature hysteresis start setting	0.5-1.5	1
A9	Display mode	0 vertical display 1 horizontal display	0
AA	Reset	Display 88, using or to change to 00, press to reset, all of the icons appear means reset succeeded	