



Zigbee WIFI Radiator Actuator User Manual

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

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



<https://smartapp.tuya.com/smartroom>

Note: Cellphone and gateway must connect under the same WIFI router.

Add your gateway to the App, then add your radiator actuator to your gateway in the App. After the actuator has completed self-test, long-press  access to the interface, short press  to add icon, short press  chooses to confirm this option, long press ,  flashing to add a thermostat to APP.











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Product Specifications

Power: 2* AA 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*89.5mm
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 programmable icon;  Low battery;  Children lock;  Open Window function
B	 Holiday mode;  Auto mode;  Boost mode;  WIFI connection status
C	Time setting interface:  hours setting;  minutes setting

NO.	keys	Represent
D		1. Short press to switch manual mode and auto mode 2. Long press to access setting interface 3. Confirm key
E		1. Decrease key 2. Long press to lock/unlock keys
F		1. Increase Key 2. Long press access Boost function setting

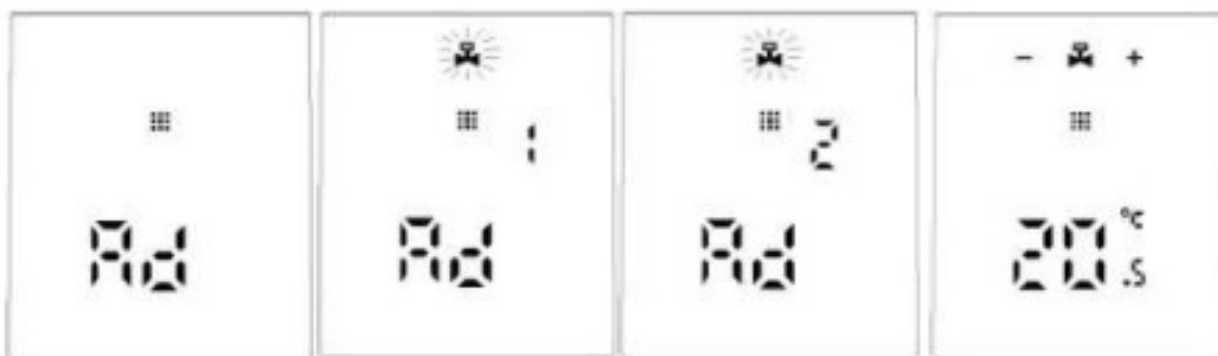
Installation and initial commissioning

Install the actuator with the valve and power-on , all of the icons appear, 3s later display program version N O.



Time setting: flashing, press display hour setting, press or or to adjust the value, press again display minutes setting, press or to adjust the value, press again to set week, press or or to adjust the value, press to confirm the setting, and remember the time. Note: after actuator self-testing, under normal working status, if need to modify time, please choose and press access to setting. the same as the above method (it will be the same as network time after wifi connection)

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







Malfunction

Error Code	Description
E1	Motor fault
E2	Sensor fault
	Flashing show low battery
	Connect wifi display this icon, disconnected wifi will disappear

Note: After malfunction is solved, press to self-testing again

Function description















Holiday mode: press 3s access to setting interface, press or or until flashing, then press to confirm

and enter temperature setting, press or  to adjust value press confirm and enter days setting, press  or  or to adjust the value. If you want to cancel holiday mode, press  to choose manual or auto mode then exit. Ventilation and energy-saving: ventilation and energy-saving function are 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) Holiday mode: press 3s access to the setting interface, press or until flashing, then press to confirm and enter temperature setting, press or to adjust value press confirm and enter days setting, press or to adjust the value. If you want to cancel holiday mode, press to choose manual or auto mode then exit.

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  access to BOOST, pressing any key to cancel BOOST mode.






Programming mode setting



Press  about 3s access to the setting interface, short press  switch to ,  selected option flashing, short press  access to programming, press  or  or to choose the mode you want t flash (5 means 5+2 days, 6 means 6+1 days, 7 means 7 days), press  to access to first-period hour setting, Press or to adjust the value, press to access to minute setting, press  or  or to adjust value, press  access to temperature setting(the first-period temperature is 15°C), press  or  or to adjust the value, press  to set second time period, third time period.....After finishing all time periods, 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 the working interface.

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


Advanced options

Press  about 3-5s to access to setting interface, press  or  or until  flashing, press  to access to advanced options press  or  or to change value, press to set next option, after finishing all ,don't operate, after 10s it will automatically save and exit.

Symbol	Setting item	Parameter	default
A1	Measuring temperature correction	-9-+9°C	1°C accuracy correction
A2	Window ventilation function	1:display   means close window ventilation function close, press  key display 5°C means this function open(temperature setting range: 5-25°C) 2:Valve closing	1. default of power on is   means close 2.:display 0:15 means valve closing time 15 minutes

		time:0:05-1:00, timing starts when the valve is fully closed	
A3	Automatic lock if no operation more than 10 minutes	0 close 1 open	0
A4	The minimum limit of the setting temperature	1-15°C	5°C
A5	The maximum limit of the setting temperature	16-70°C	35°C
A6	Extend BOOST running time, increase 100s for press every time	100s-900s	300(display 30)
7	Check valve opening	99 mean valve open 100% 5 mean valve open 5% Each increment is 5%	
A8	Heating start/stop Temperature hysteresis	0.5-1.5	1
A9	Display mode	0:vertical display 1:horizontal display	0
AA	Control type of valve	0: PID 1:ON/OFF	0
AB	Reset	Display 88, using  or  or to change to 00, press to reset, all of the icons appear means reset successfully	

Documents / Resources

	Zigbee Zigbee WIFI Radiator Actuator [pdf] User Manual Zigbee, WiFi, Radiator Actuator
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