

AURATON Orion SET User Manual

Download the "Tuya Smart" or "Smart life" app from Google Play or App Store.



- Choose one of the two methods to pair to your WIFI network:
- Before pairing, connect the receiver to AC power and install the batteries in the thermostat or connect the power adapter* (not included).
- 1.Pairing with the Wi-Fi network on the thermostat: press for 3-5 seconds until the and icon appears , then briefly press to add to the Wi-Fi network. Correct assignment is signaled by the continuous illumination of the icon and
- 2.Pairing with Wi-Fi on the receiver: turn on the receiver with the network switch, then press and hold the pairing button on the receiver case. The blue LED should be flashing during the pairing process. Proper pairing is indicated by a continuous blue LED.

ATTENTION! If you are using battery power, set the communication time to more than 20 minutes. If you want to shorten the interval, use USB power and remove the batteries. Follow operation B05, B06.

Technical data

- ☆ Receiver Power Supply: 230VAC 50/60HZ Thermostat Power Supply: 4x AAA batteries or power supply (ATTENTION! Power adapter not included)
- ATTENTION! Remove the batteries while the USB power is working.**
- ☆ Display accuracy: 0.5°C ☆ Working program: Weekly
- ☆ Relay load capacity: 10A/250V ☆ Output: Switching relay
- ☆ Working environment temperature: 5~35°C ☆ Installation: wall-mounted or in an electrical box
- ☆ Temperature Control Range: 0~70°C ☆ Dimensions(mm): 130*90*25

Screen

MON TUE WED THU FRI SAT SUN Week

6 Period Program

Time 88:88

RF Wireless Signal

Wifi Signal

Weekly Program Choice P1 P2 P3

Automatic Mode

Manual Mode

Holiday Mode

Heating Mode

Room 88.5 °C

Floor NTC Sensor

Lock

Setting Temperature 88.5 °C

Program Mode; Start Preset Program

Temporary Manual Mode

Clock

Holiday Mode, Holidays and Temperature

can be set to work in countdown mode

Heating: disappears when heating stops

WIFI connection, EZ distribution mode

Child lock

: Low Batteries

Wi-Fi Status: Disconnected

Cloud Icon: AP Distribution Network Mode

RF Communication Icon: It is permanently on the display when it is normal. When it flashes, it means no WiFi connection.

: Cooling mode, this icon is always displayed when

switching to cooling mode and when cooling is on.

Quick Operation

No	Icon	Description
A		Power on/off
B		1 Short press to switch programming mode and manual mode 2 Power-on state, press and hold for 3-5 seconds to set the program mode 3 Power off state, press and hold for 3-5 seconds to perform advanced option A
C		1 Confirm Key 2 Power-off state, press and hold for 3-5 seconds to perform advanced option B 3 Power-on state, press and hold for 3-5 seconds, short press select holiday mode. When "OFF" flashes, press or change to "ON", briefly switch the holiday days and holiday temperature, and press activate holiday mode.
D		1 Decrease symbol 2 Press and hold to lock/unlock
E		1 Increase Symbol 2 In the program mode state , press to enter the temporary manual mode 3 Press and hold to check the temperature of the outdoor sensor (only used for receiver with external sensor)

Time setting

In the power-on state, press to adjust the minutes. Second press to set the time. Third press to set the week. Press to change the value. Press again to confirm.

Setting the Vacation Mode

Power-on state, press and hold for 3-5 seconds to set, short press select holiday mode, then "OFF" flashes, press or change to "ON", briefly switch the holiday days and holiday temperature, then press activate holiday mode.




Program Mode Setting




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

Turn on the thermostat, press and hold for 3-5 seconds to set the program mode. Short press to switch and confirm. Press and to adjust the value. Once the setting is complete, leave for about 10 seconds to save the changes.





Wake up	Leaving the house	Return home	Leaving the house	Return home	Sleep
6:00 20°C	8:00 15°C	11:00 15°C	13:30 15°C	17:00 15°C	22:00 15°C


Advanced option A

Power off state , press and hold  for 3-5 seconds to perform advanced option A. Short press "" to switch and confirm. Press "" to adjust the options. Once the setting is complete, leave for about 5 seconds to save the changes.

No	Settings options	Data setting function	Factory
A1	Temperature calibration	-9-+9°C (displayed as corrected room temperature)	-1°C
A2	Setting the temperature difference start/stop of operation	0.5-2.5°C	1°C
A3	Child lock	0: Half lock 1: Full lock	0
A4	Power on/off state memory after power cut	0: Thermostat on/off with pre-power-off memory 1: Thermostat off after power-on 2: Thermostat on after power-on	0
A5	Program mode type	0:5+2 1:6+1 Book 2:7	0
A6	Setting the minimum temperature limit	1-10°C	5°C
A7	Setting the maximum temperature limit	20-70°C	35°C
A8	Cold protection	1-10°C When setting the temperature = 10°C, if pressing  will display 【--】 , cancel the low temperature protection	5°C
A9	High temperature protection for outdoor sensor	20°C-70°C 1. When setting the temperature = 20°C, if pressing causes  【--】 to display, cancel the high temperature protection	45°C*
AA	Temperature differential setting for high temperature protection	1-9°C	2°C
AB	Window function triggers temperature	5-25°C, the temperature setting is 10°C, turn it down, it will display 【--】 , then cancel this function	--
AC	Window function duration	5-60 min	15
AD	Factory	Display Ao, press and hold  until the entire screen is displayed	
AE	Mode selection	0: Heating 1: Cooling	0

Advanced option B

Power off state, press and  hold for 3-5 seconds to access the advanced option B. Short press  to select the option and adjust the data about  or . After about 5 seconds, the setting process will be complete.

No	Settings options	Data setting function	Factory
B1	High IP Address Setting	00-FF	00
B2	Low IP Address Setting	01-WINGMAN	01
B3	Thermostat and receiver paired	Within 10 seconds after the receiver is connected (the orange LED is always on), and then continuously clicking the thermostat "" button  , the thermostat will send the IP address to the receiver, the display "55" means the IP match is successful.	00
B4	Sensor Type	N1: Single built-in sensor N3: both built-in sensor and external sensor.	N1*
B5	RF Transmission Minute Interval	0-30 minutes	00
B6	Second RF Transmission Interval	3-30 seconds	05

* Function not available on this model, please do not change the settings.

Receiver indicator light

Power Indicator (Green): Power on the receiver, green light always on; turn off the receiver, the green light is on for 1 second and turns off for 1 second.

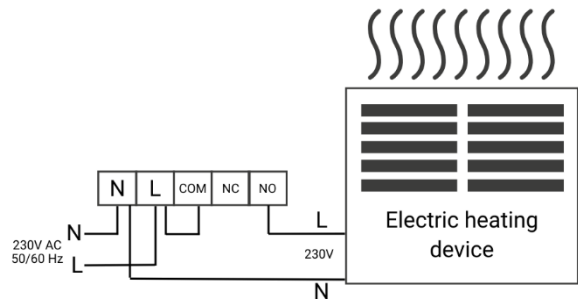
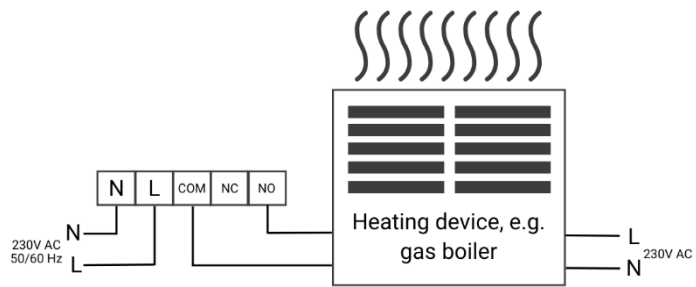
RF Signal Indicator (Orange): It is always on within 10 seconds after power on (at this point, you can send the thermostat's IP address to the receiver to complete pairing: see advanced option B3). Once successfully paired, the indicator light will turn off; or if pairing is not done within 10 seconds, it will automatically turn off; When it is working normally, the light will flash when it receives a wireless signal.

Load/Fault Indicator (Red): During normal operation, the load output is on, the light is on, and the load output is off, and the light is off; when a fault occurs, and the alarm is indicated as follows:

- 1. Thermostat and receiver are not paired: 2 times (fast blink) and the interval is off for 2 seconds
- 2. Wireless signal loss (no data transmission within 1 hour): 3 times (fast flashes), 2 seconds off
- 3. Outdoor Sensor Alarm: 4 times (fast blinking), with 2 seconds off interval (only applicable when sensor type is selected as N3 in advanced thermostat options)

WIFI Signal Indicator (Blue): When data is received, the WIFI will flash once; continuous fast means it is in WIFI EZ configuration mode; continuous slow means it is in WIFI AP configuration mode; it will always be so when the network is configured successfully. On; when the WIFI is abnormal, it will flash twice quickly and the interval will be off for 2 seconds.

Wiring



⚠ RISK OF ELECTRIC SHOCK Installation of the appliance only by a professional. Disconnect the power before making any connection.