AURATON Orion 230V SET Instruction 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 if for 3-5 seconds until the and icon appears x, then briefly press to add to the Wi-Fi network. Correct assignment is signaled by the continuous illumination of the icon x 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 orange LED should be flashing during the pairing process. Correct pairing is indicated by the continuous illumination of the orange 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.

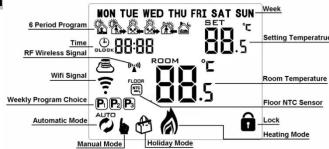
Technical data

☆ 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: 16A/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



Program Mode; Start Preset Program

Manual Mode

Temporary Manual Timer Mode

Clock

Holiday mode, holidays, and temperature can be set to work in countdown mode

Heating: disappears when heating stops

Child lock

Low batteries

WiFi connected

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

Raiok Operation							
No	Icon	Description					
A	0	Power on/off					
В		Short press !!! to switch programming mode and manual mode Power-on state, press and hold for 3-5 seconds to set the program mode Power off state, press and hold for 3-5 seconds to perform advanced option A					
С	Θ	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 A or V change to "ON", briefly switch the holiday days and holiday temperature, and press activate holiday [⊕] mode.					
D	Y	1 Decrease symbol 2 Press and hold to lock/unlock					
Е	A	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 $\stackrel{\bullet}{-}$ to adjust the minutes. Second press $\stackrel{\bullet}{-}$ to set the time. Third press $\stackrel{\bullet}{-}$ to set the week. Press $\stackrel{\bullet}{-}$ to change the value. Press $\stackrel{\bullet}{-}$ 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 "**A**" and "**Y**" to adjust the options.

Once the setting is complete, leave for about 5 seconds to save the changes.

No	Settings options	Data setting function		
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	O: 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 Ountil the entire screen is displayed		
AE	Mode selection	0: Heating 1: Cooling	0	

Advanced option B

Power off state, press and $^{\textcircled{-}}$ hold for 3-5 seconds to access the advanced option B. Short press $^{\textcircled{-}}$ to select the option and adjust the data about \checkmark or \blacktriangle . After about 5 seconds, the setting process will be complete.

	I		
No	Settings options	Data setting function	Factory
B1	High IP Address Setting	00-FF	00
B2	Low IP Address Setting	01-WINGMAN	01
В3	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.	
B4	Sensor Type	N1: Single built-in sensor N3: both built-in sensor and external sensor.	N1*
В5	RF Transmission Minute Interval	0-30 minutes	00
В6	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.

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