

Fume Extractor **ES02**

Operation Guide



Please read this manual carefully before use

1 Product Features

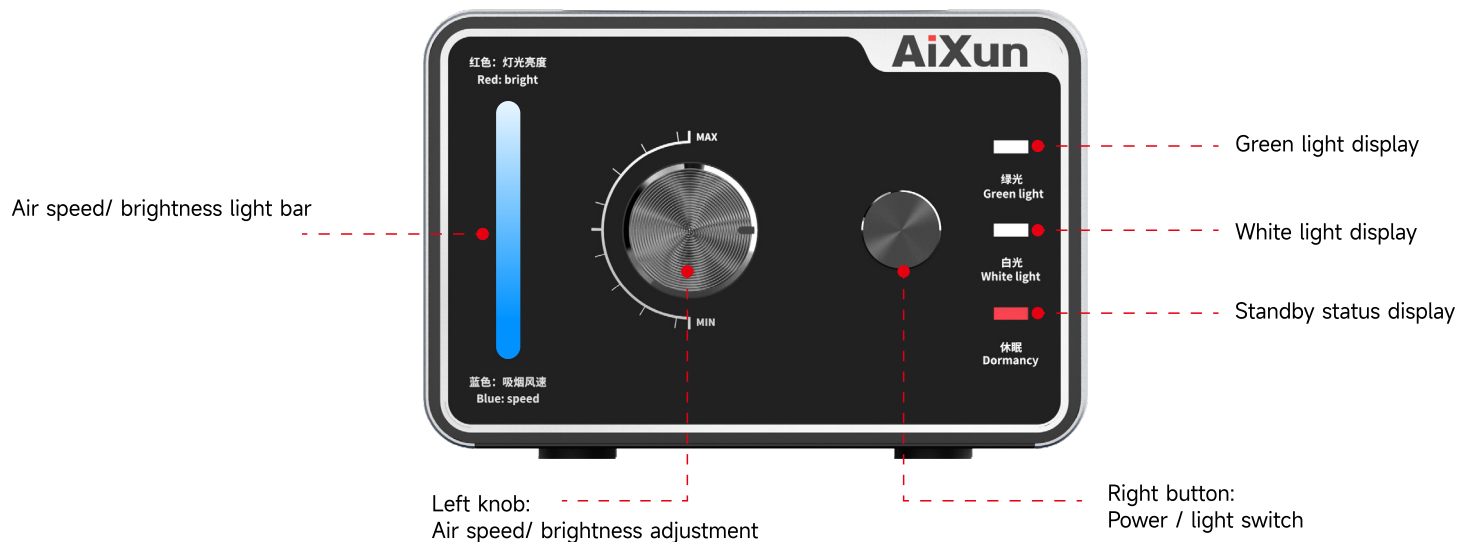
- Improve efficiency, absorb and purify fumes from all possible angles, enjoy efficient and smart usage experience.

- One-key start: Simplified operation, direct display of LED power bar, enjoy efficient and smart experience.
- Double purification: Activated carbon and HEPA filtration effectively remove odors, oil, fumes and dust, ensuring a fresh environment.
- Powerful absorption: 4000rpm high-speed brushless motor, fast purification, soldering more comfortably.
- AI voice control: Free-hands operation through voice control, improve efficiency.
- Universal adjustment: PP flame retardant telescopic air duct, suitable for various scenarios, absorb and purify fume thoroughly.
- Smart collaboration: It can run independently and connect with AiXun ecosystem, automatically start when picking up the soldering tip, achieving device interconnection.
- Aluminum alloy shell: CNC machining technology, fully aluminum alloy shell, solid, durable and high-end appearance.
- LED light source: Dual color lighting, adjustable brightness, monitor fume absorption effect clearly.
- OTA upgrade: Connect to computer through the C-port for upgrade at any time.

2 Structure Introduction



• Introduction to display panel



3 Product Parameters

Product name: Fume Extractor	Model: ES02
Light color: Green and white	Display type: LED
Max rotate speed: 4000rpm	Input voltage: DC24V
Communication: 2.4G Bluetooth/TYPER-C	Max input power: 36W

• Product accessories



ES02 Host



Fume hood or horn hood



Telescopic air duct



Power adapter



User manual card



Certificate

4 Functional Button

• Buttons operation

- After connecting the ES02 host to the power adapter, press the "Right button" to power on the host



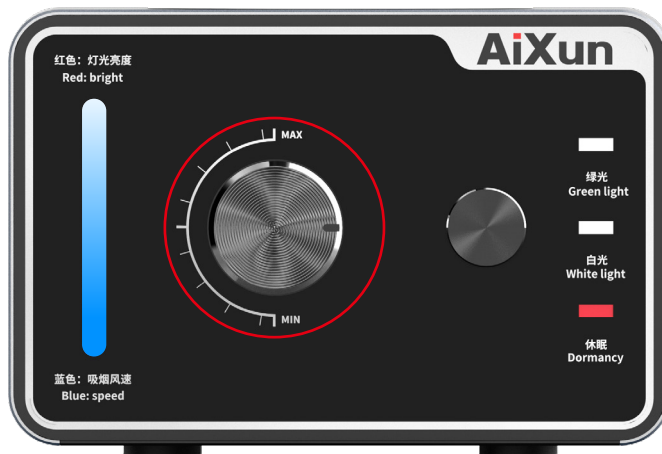
- During booting status: Switch the real-time status of the lights in sequence, single press the "Right button" to switch among white, green and cancel the brightness function in sequence.



- During booting status: Long press the "Right button" to switch the working statuses of the fume extractor in sequence. The flashing red light indicates standby mode, and the constant red light indicates working mode.

● Operation of the knob button

- Press the "Left knob" to switch between air speed and brightness adjustment



- When the left light bar is **red**, rotate the knob left and right to adjust the brightness of white or green light



- When the left light bar is **blue**, rotate the knob left and right to adjust the air speed of fume extractor

5 Interconnection with BS08



1. Long press the "SET" button on BS08 to enter the settings interface, click "Add Device", select "Solder station", and find the device "ES02 fume extractor"



2. Click Connect, the white light of ES02 will keep flashing during the process, which indicates the matching request from BS08; Press the button next to the light to confirm, and BS08 will show successful connection



3. During the interconnection,
 Press M1: ES02 switches between working/ standby modes
 Press M2: ES02 switches to "Air speed" adjustment status
 Press M3: ES02 switches among white light/ green light/ light off statuses
 Press SET: ES02 switches between light/ air speed adjustment statuses
 Press the up/down buttons or the knob display to adjust air speed and light brightness



4. After pressing the "SET" button, switch the light status, "air speed" and "light" brightness of ES02 in sequence

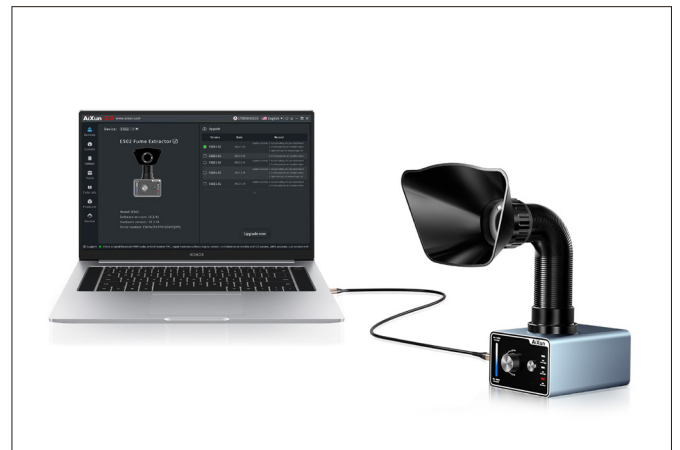


5. After switching the status of ES02, press the "up", "down" buttons and the display knob on BS08; to switch the corresponding "light" brightness and "air speed"

6 OTA Upgrade



1. Connect the device to computer with a Type-C cable



2. Download the "AiXun Software" on AiXun official website, open the AiXun Software, it will recognize the device automatically



3. When there is a new version released, select the latest version and click upgrade

7 After-Sales Service

● Warranty regulations:

- The product is guaranteed for one year from the date of purchase (subject to the purchase certificate).
- The warranty service is only valid under normal use. Any man-made damage, such as the use of inappropriate accessories, failure to use in accordance with the instructions, damage caused by non-official maintenance, wrong use or negligence, the warranty service will be invalid immediately.
- The company has the final right to interpret the above regulations for users who do not comply with the above regulations.

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