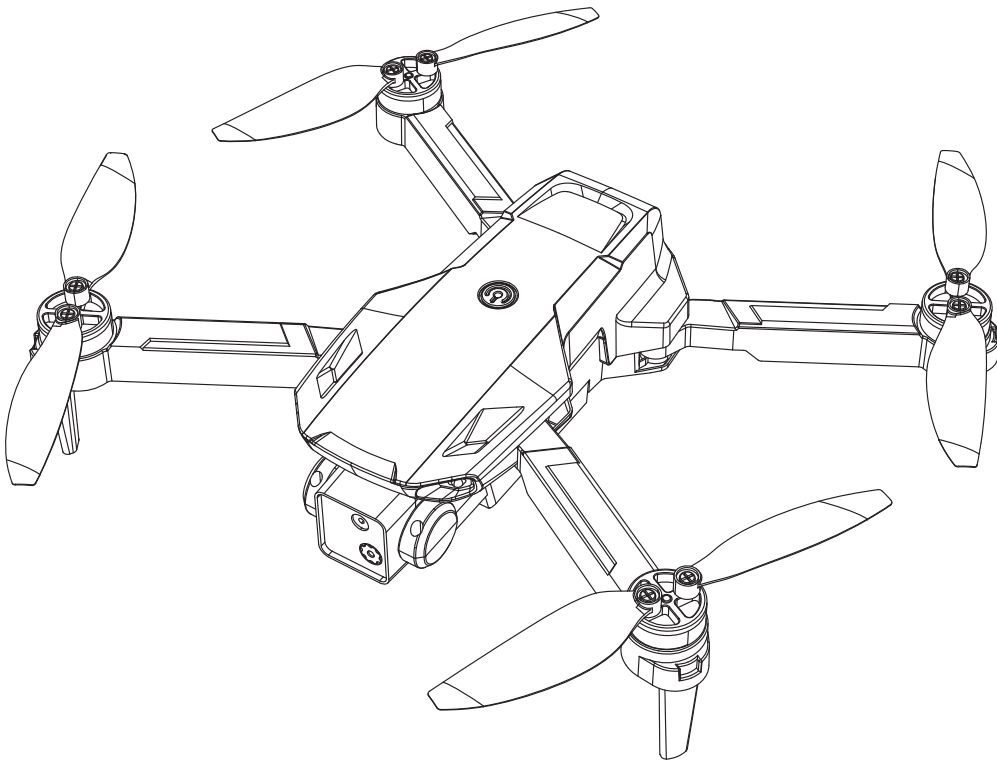


AGE 14+

UAV BRUSHLESS MOTOR USER MANUAL

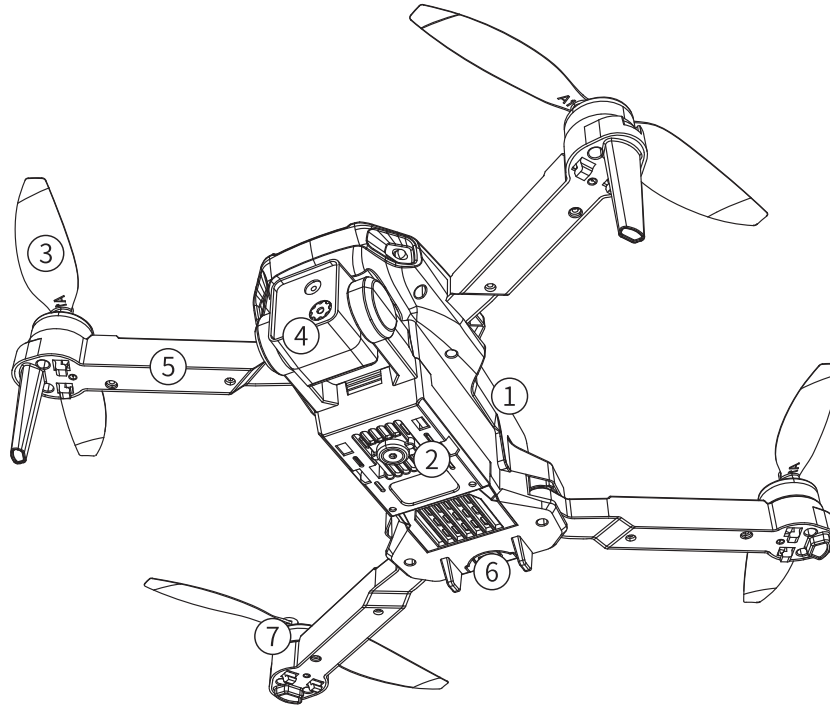


Scan the code to watch video tutorials

*Please carefully read the instruction manual before flying and keep it properly for future reference.

Know Your Drone

The drone uses the 2.4G frequency band, and multiple people can operate it at the same time without interfering with each other. The remote control can be used to control the drone to achieve flight, roll, fine-tune, one-key takeoff, one-key landing, speed, headless mode, calibration, and altitude setting.



① Upper case cover

② Lower case cover

③ Fan blade

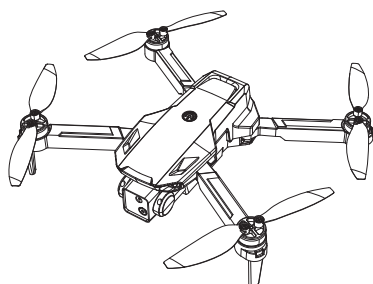
④ Camera

⑤ Arm

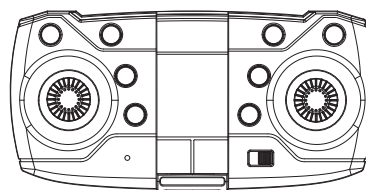
⑥ Battery

⑦ Motor

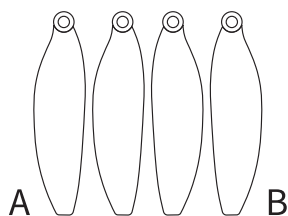
Accessories List



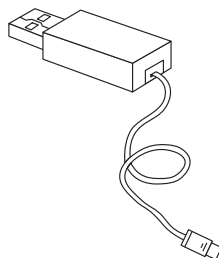
Drone x1(including motor)



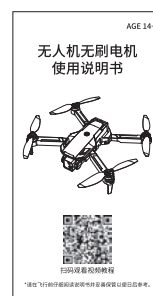
Remote control x1



Spare fan blades
Ax2 Bx2



USB charger x1



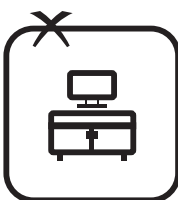
Instruction
manual x1

Notice:

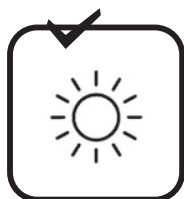
Please carefully check on each accessory and quantity (as shown in the accessories table). If you find that it is incomplete, please provide the purchase receipt and contact the sales merchant in time to replenish the stock.

Pre-flight preparation

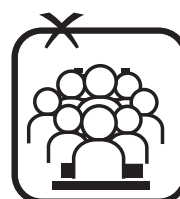
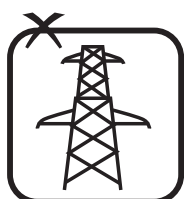
1. Select the flight environment



Flying indoors: Please choose an open space without obstacles, people and pets nearby.



Flying outdoors: Please choose clear and windless weather or light wind weather to fly.



When flying, please keep the aircraft within sight and away from obstacles, high-voltage lines, trees, crowds, etc.

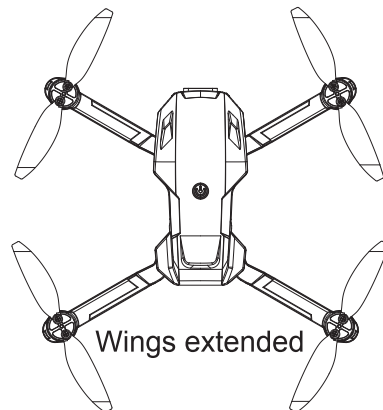
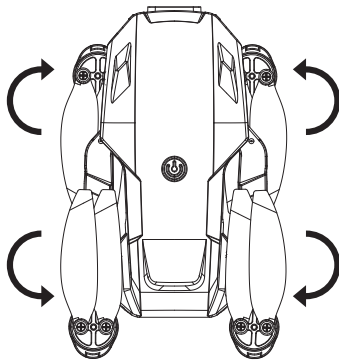


Do not fly in extremely harsh conditions, such as excessive cold, excessive heat, strong winds, heavy rain, etc.

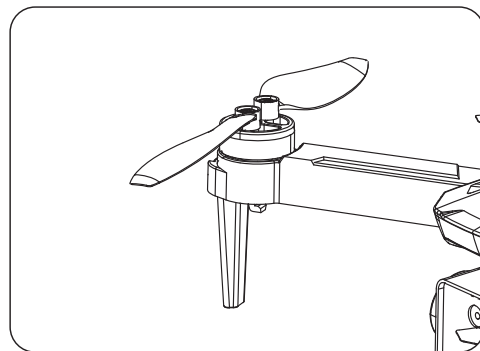
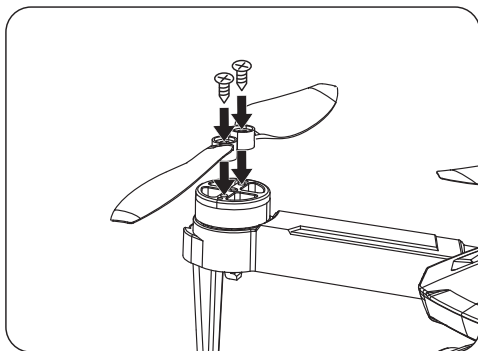
2. Open the wings

Opening wing sequence:

- ① Open the front arm first. (On the side of the camera)
- ② Open the rear arm again and fold it in reverse order.

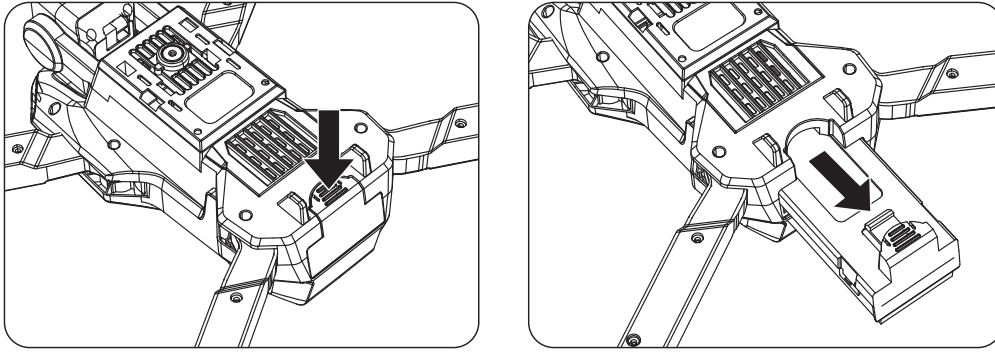


3. Fan blade installation

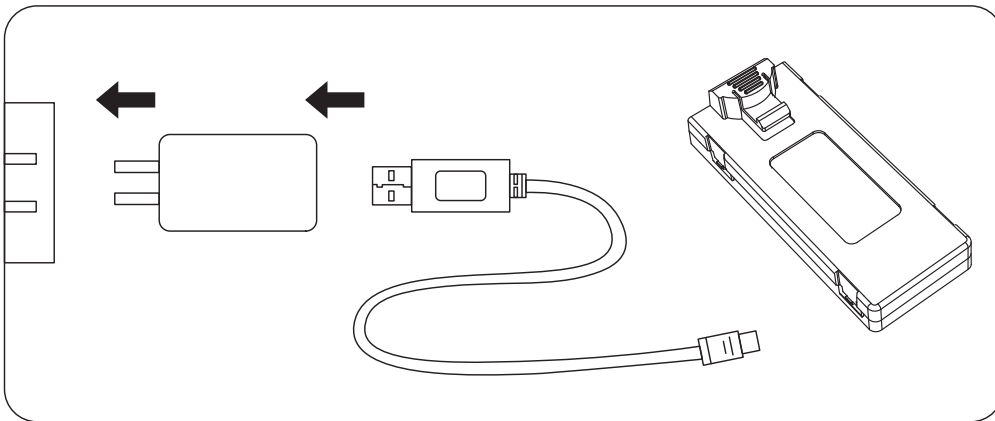


Align the fan blade with the motor shaft and install it (the mark on the arm should be consistent with the mark on the fan blade), and tighten the screws clockwise.

4. Charging method



A. Press the position indicated by the arrow, pull the battery box outwards and take out the battery.



B. USB charger connects the battery to the USB charging port.

Notice:

The LED light is on when charging and off when charging is completed. The charging time is about 60 minutes.

⚠ Battery usage precautions

- Using lithium batteries has certain risks and may cause significant damage to people and property. Please use them with caution and assume all relevant responsibilities.
- If the battery leaks, avoid contact with skin and eyes. If it comes in contact with skin, wash immediately with soap and water. If it comes in contact with eyes, rinse immediately with plenty of cold water and seek medical attention.
- If the charger emits suspicious odors, noises, or smoke, unplug it immediately.

Charge:

- Please use the dedicated charger provided by the manufacturer to charge the device. It is strictly forbidden to use damaged or other brand chargers.

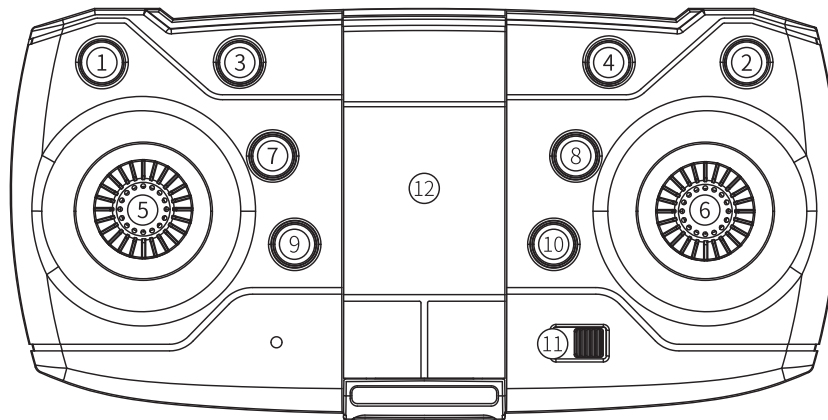
- Do not charge a swollen, leaking or damaged battery.
- Do not overcharge the battery. When the battery is fully charged, unplug the charger.
- Do not charge near flammable materials (carpets, wooden floors, solid wood furniture, etc.) or conductive surfaces. Keep the battery within sight while charging.
- Do not charge the battery while it is still hot immediately after using the product.
- The battery should be charged at a temperature between 0°C and 40°C.

Recycle:

- This device is made up of electronic components and batteries. Please follow local waste disposal requirements for special disposal of electronic and electrical waste.

Know your remote control

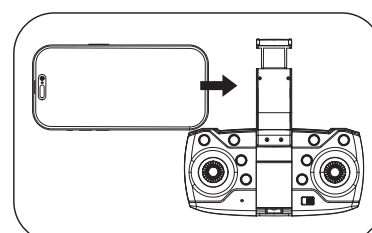
1. Names of the parts of the remote control



- | | |
|---|---|
| ① Speed switch | ⑦ Short press for headless mode/long press for return |
| ② Roll | ⑧ Long press to enter and exit fine-tuning |
| ③ Camera down | ⑨ One-key takeoff |
| ④ Camera up | ⑩ One-key landing |
| ⑤ Left joystick
Up/down Turn left/right | ⑪ Power switch |
| ⑥ Right joystick
Forward/backward Fly left/right | ⑫ Mobile phone holder |

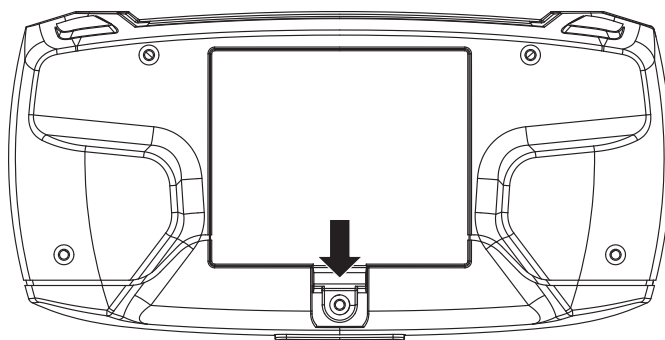
Mobile phone installation introduction

1. Open the phone holder on the remote control
2. Install the phone on the phone holder



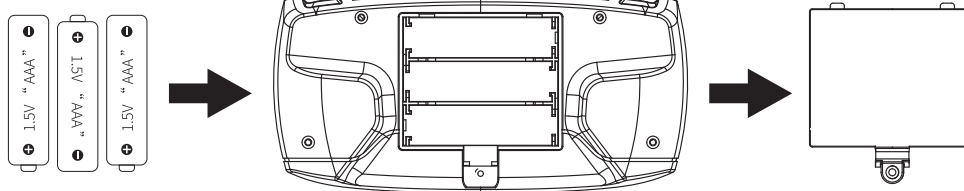
Battery installation and charging method

1. Opening the remote control battery cover



2. Remote control battery installation

AAA battery



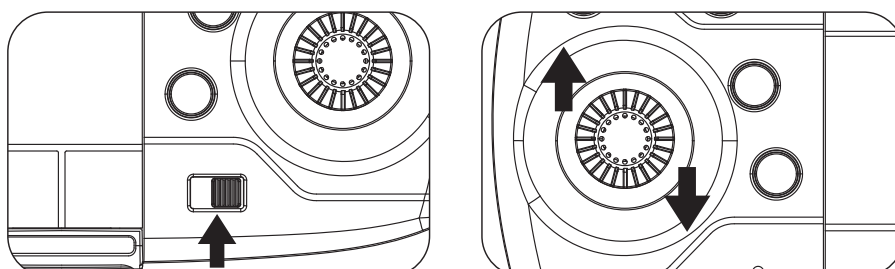
Open the battery cover and insert 3 AAA batteries according to the polarity instructions. (Batteries are sold separately)

Notice:

1. When inserting the battery, be sure to identify the positive and negative poles of the battery and do not install them reversely.
 2. Do not mix new and old batteries.
 3. Do not mix different types of batteries.
-

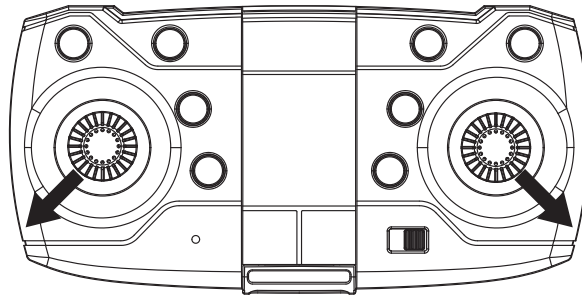
Linking the remote controller with the drone

- ① After turning on the power switch of the fuselage, place the drone on a horizontal surface. The indicator lights on the remote controller and the drone will flash.
- ② Push the throttle stick to the top and then pull it back to the lowest point. There will be two beeps and the remote controller indicator and the drone LED light will turn solid, indicating that the frequency binding is complete.



Remote Control Calibration

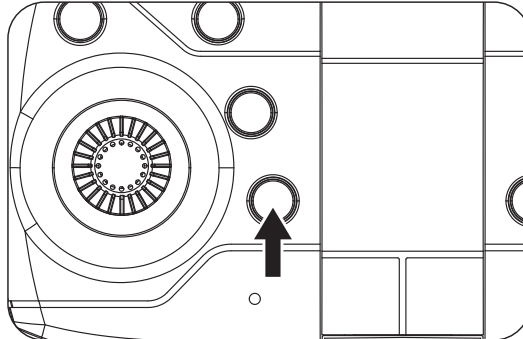
If the drone cannot take off vertically, you can calibrate the drone by pulling the left and right joysticks together to form an outward eight. You will hear a "beep" sound and the drone indicator light will flash quickly. When the indicator light is always on, the calibration is complete. When executing the calibration command, it must be executed in a stable state parallel to the horizontal line, otherwise it will affect the calibration effect.



Start flying

1. One-key takeoff

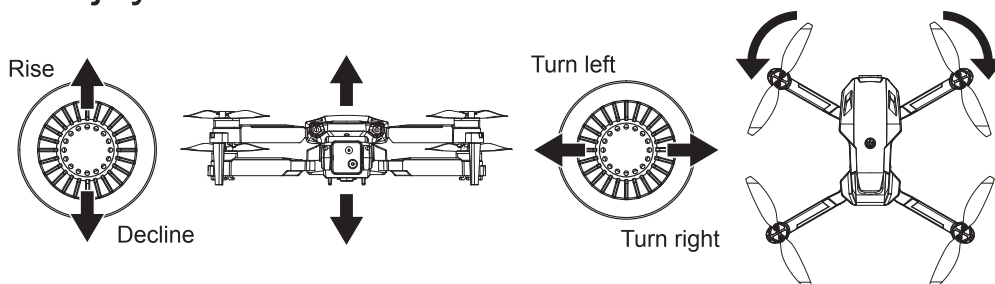
Press the "One-key takeoff" button, the drone's blades will rotate and it will automatically fly to a height of 1.5 meters.



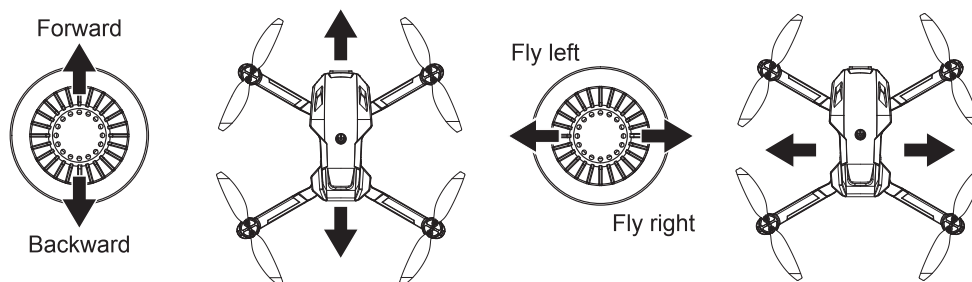
2. Basic flight

The left joystick controls the flight altitude and left and right turns, and the right joystick controls forward, backward, and left and right flight directions.

Left joystick



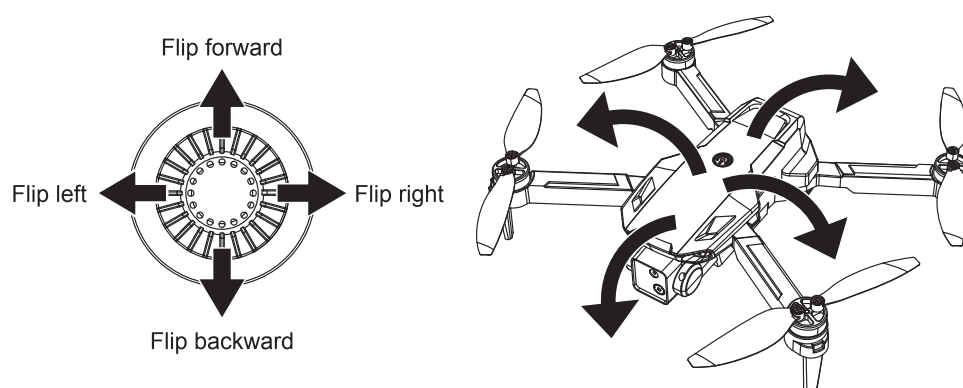
Right joystick



Roll

After the drone flies to a height of more than 3 meters, click the roll button and move the right joystick (rudder) in one direction to achieve a roll in that direction.

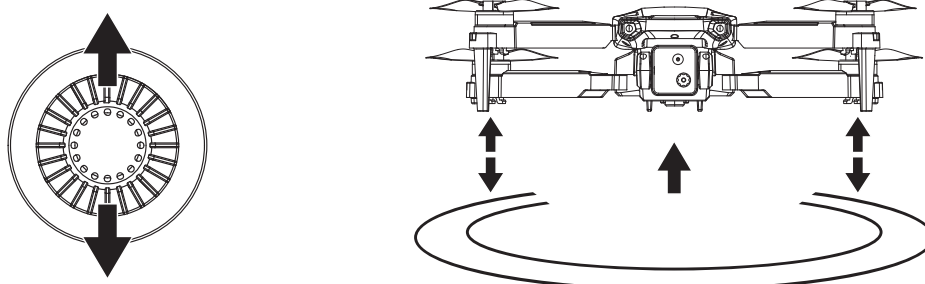
Right joystick



Hover

After using the left joystick to make the drone rise, release the left joystick and the drone will still hover at the height when you released the joystick.

Left joystick

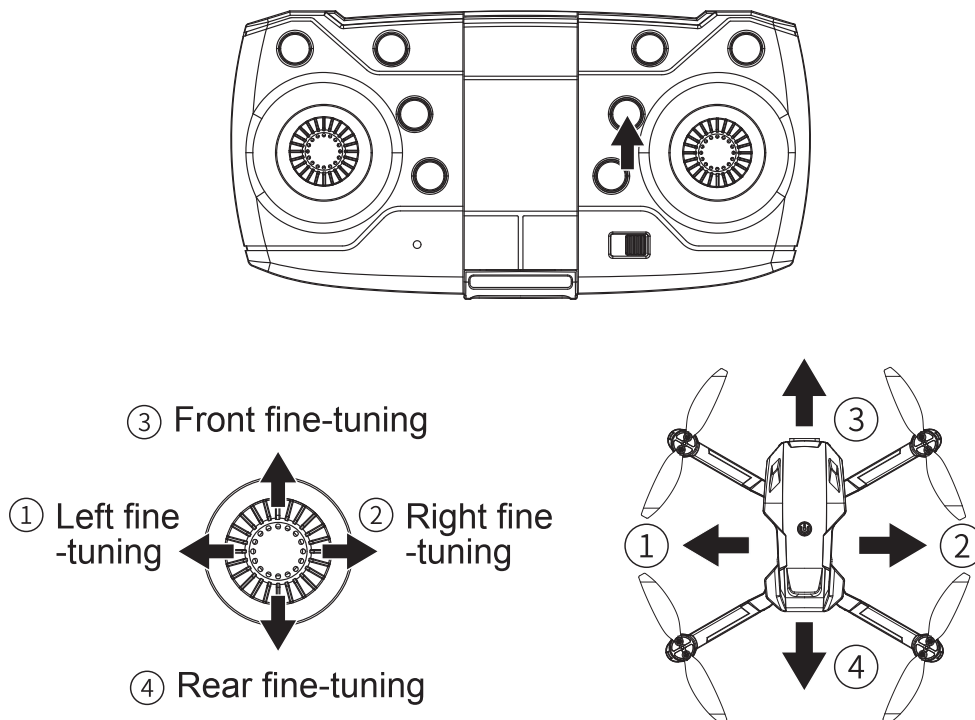


Headless Mode

After the drone has paired, it defaults to normal mode. The indicator light of the drone is long on. When the headless function key on the remote controller is pressed, the remote controller emits a "beep" sound to indicate that it has entered the headless state. Press the headless function key again and hear a long "beep" sound to exit the headless state. In the headless state, the operator does not need to identify the direction of the drone's head, but only needs to control the aircraft according to the direction of the remote controller's joystick.

Fine-tuning function

When the aircraft is spinning in the air or tilting in different directions, you can use fine-tuning to correct the action. Press and hold the fine-tuning button until you hear a "beep", then move the joystick in the opposite direction to adjust and calibrate until the aircraft does not deviate. If no operation is performed for 5-6 seconds after entering the fine-tuning function, the fine-tuning function will automatically exit.



Notice:

"Ground effect" means that the lower the drone flies, the greater the impact of the ground reaction. When the drone is within 30cm of the ground, the drone will be affected by its own blade vortex and become unstable.

Don't panic if you encounter problems

Problem	Cause	Solution
Remote control failed	The drone battery is not connected	Connect the drone battery in the correct direction
	The wind is too strong	Do not fly in windy conditions, as wind will limit the drone or hinder your control of the flight
Drone could not rise	The rotor speed is too slow	Push the power joystick upward
	The drone is not fully charged	Charge the drone
Drone fell quickly	Pull the power joystick back too quickly	Pull the power joystick back slowly to let the drone land slowly
Out of control	Exceed the effective remote control distance	Ensure the remote control distance is within 100m and the WIFI control is within 40-50m

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.