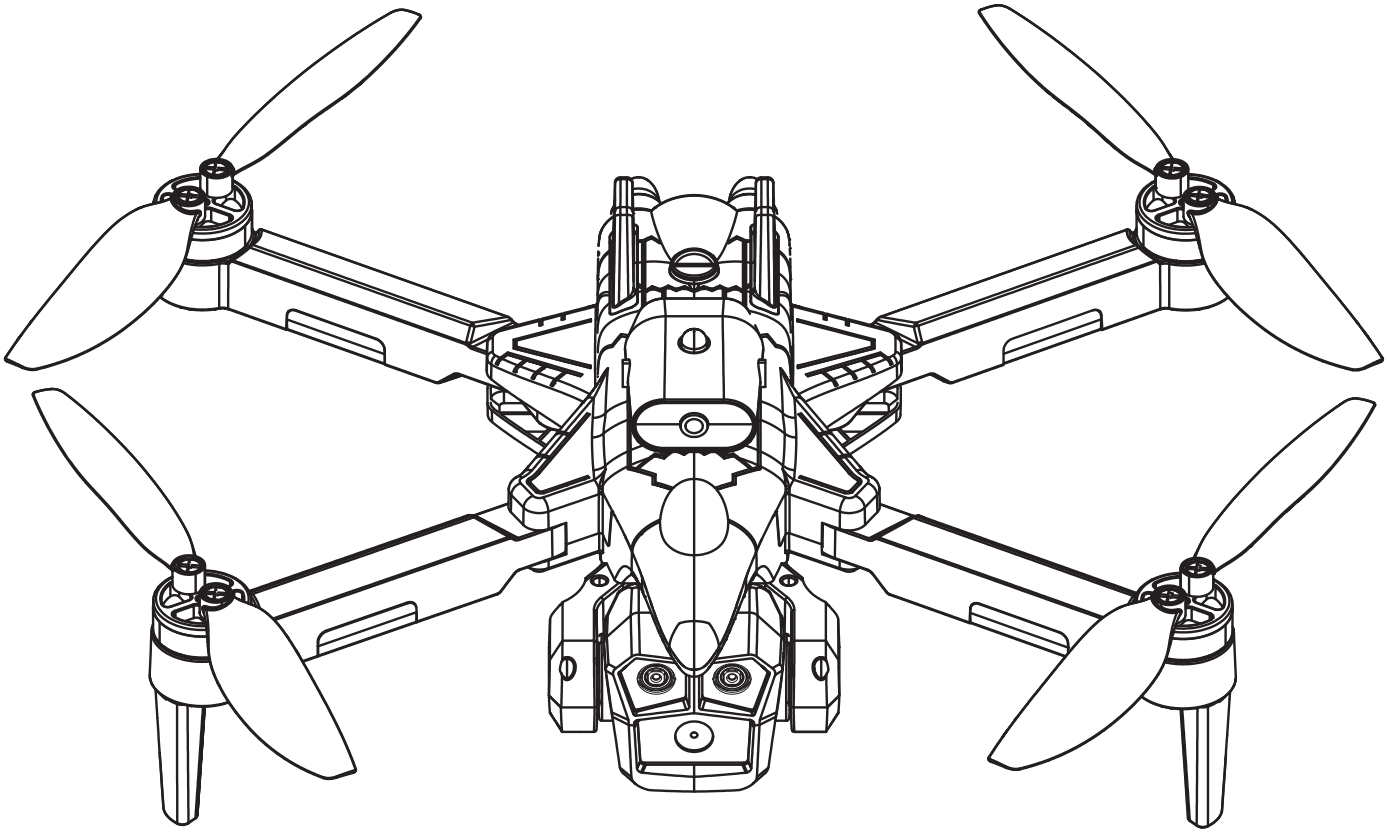
FOR AGES
14+

foldable aircraft User Manual



2.4GHZ EDMON

Please read the manual completely before use (please read carefully for details and warnings), and save this manual for future reference

Important Safety Information

(1) This product is not a toy, but a precision device that integrates mechanical, electronic, aerodynamic, high-frequency emission and other professional knowledge. It needs to be assembled and debugged correctly to avoid accidents. The product holder must operate the controls in a safe manner: Improper handling. Serious personal injury or property damage may result. We are not responsible for this. Because we cannot control the process of assembly, use, and operation.
(2) This product is suitable for people who have experience in operating models and who are not less than 14 years old.
(3) The flight site must be a local legal remote control model flight site.
(4) Once the product is sold, we will not be responsible for any safety responsibilities arising from operation, use and control.
(5) In case of use, operation, maintenance and other problems, we entrust the dealer to provide technical support and after-sales service, please contact the local dealer.

Safety Precautions

The remote control model aircraft is a high-risk commodity. Please keep away from the crowd when flying. Improper assembly or damage to the body, poor electronic control equipment, and unfamiliar operation may lead to unforeseen accidents such as aircraft damage or personal injury. Please Pilots must pay attention to safety and understand the responsibility for accidents caused by their own sulphur.

(1) Keep away from obstacles and crowds

The remote control aircraft has uncertain flight speed and status when flying, which is potentially dangerous. When flying, you must stay away from crowds, high-rise buildings, high-voltage power lines, etc., and avoid flying in bad weather such as wind, rain, thunderstorm, etc., to ensure the safety of the pilot, surrounding people and property.

(2) Keep away from humid environment

The interior of the aircraft is composed of many precise electronic components and mechanical parts, so it is necessary to prevent the aircraft from getting wet or moisture into the body, so as to avoid accidents caused by mechanical and electronic components failure!

(3) Safe operation

Please operate the remote control aircraft according to your own state and flying skills. Fatigue, poor energy or improper operation will increase the probability of accident risk.

(4) Keep away from high-speed rotating parts

When the propeller is spinning on the high rope, please keep the pilot, surrounding people and objects away from the rotating parts, so as not to cause or endanger the test and damage.

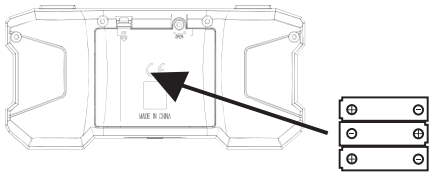
This product uses a lithium polymer battery（LIPO）

Lithium batteries are different from ordinary batteries in that a thin layer of tin foil wraps its chemical substances. This greatly reduces its weight, but makes it more vulnerable to rough or inappropriate handling. As with all batteries, improper handling can cause a fire and explosion.

- Do not put the battery in the model for charging, it may cause the battery to catch fire and damage your aircraft.
- If you are not going to use the product for a week or more, leave the battery at 50% to increase the battery
- service life. Leave the battery at 50% charge and charge it in half the time it takes to fully charge the battery.
- Please use the original professional charger to charge the battery
  Do not charge on the carpet to prevent fire
- Lithium batteries need to be charged after being stored for more than three months to maintain voltage and ensure their due life.

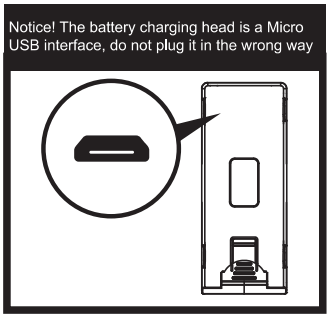
Remote control and aircraft battery installation and charging instructions

Remote control battery installation:

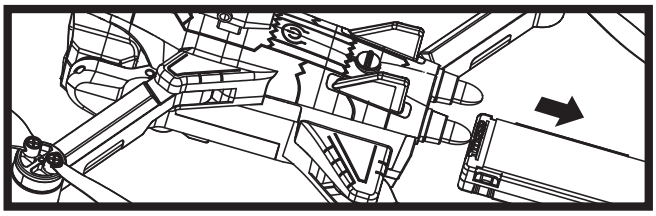


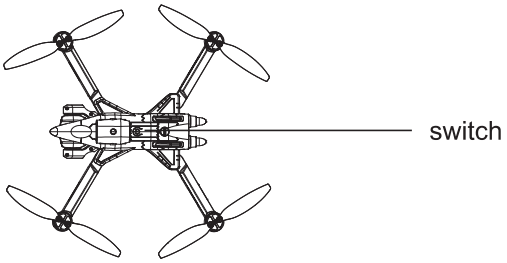
Follow the electrode indications (+/-) of the battery box as shown
Insert the battery correctly (as shown).

aircraft battery charging



1. Connect the computer with a USB cable to charge:
   The USB charging end is connected to the aircraft battery plug, and the other end can be connected to the USB end of the computer
The port charges the battery, the light is on when charging, and the light is off when fully charged.
2. Connect the aircraft power supply:
   Insert the charged battery into the electrical socket of the aircraft, and then align the battery plug with the power input socket on the aircraft to connect the power supply. After connecting, turn on the power of the aircraft, and the lights of the aircraft will turn on.

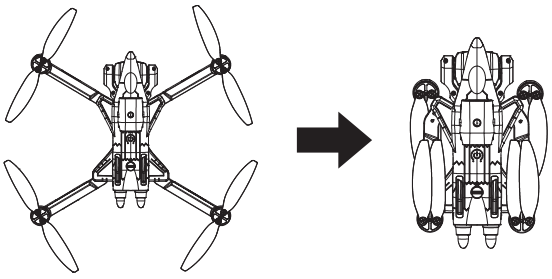




aircraft installation

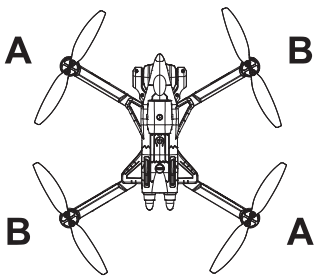
1. Folding function display

When folding, please fold the rear spreader first, and then fold the front spreader on the opposite side!

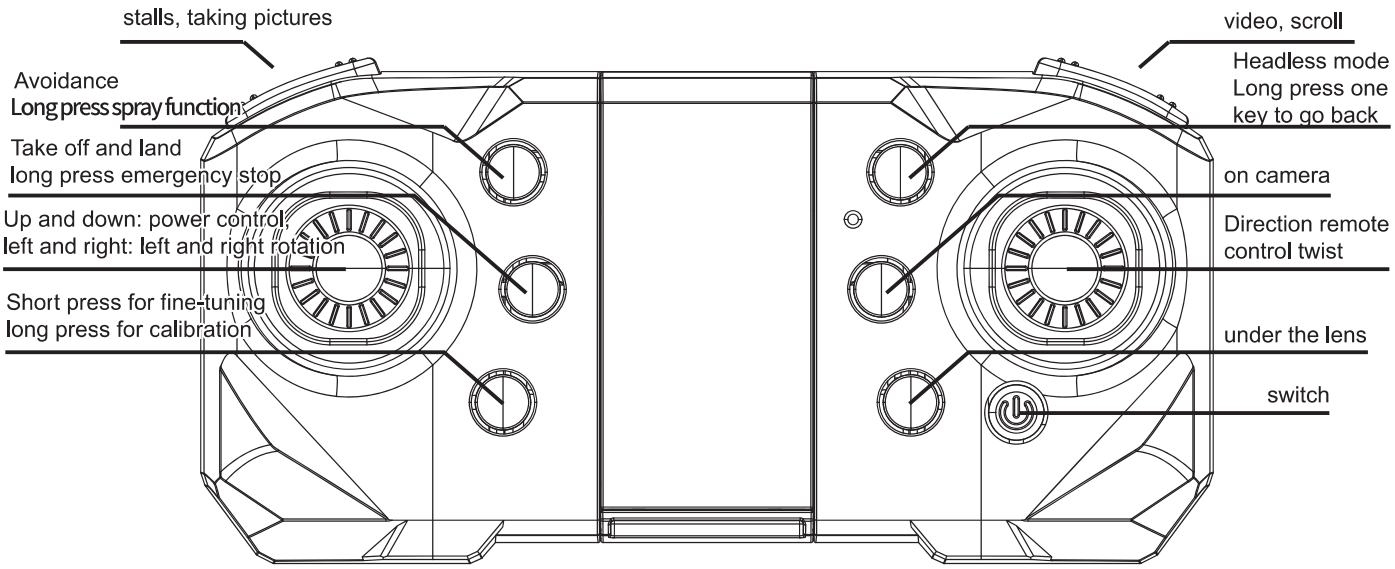


2. Aircraft blade installation

Please install the propeller in the correct direction. The mark A on the propeller is installed on the upper left corner and the lower right corner of the aircraft. The same way, the mark B on the propeller is installed on the upper right corner and the lower left corner of the aircraft. Align the fan blade clip on the square fitting of the cone assembly, and tighten the screw after installing it in place!



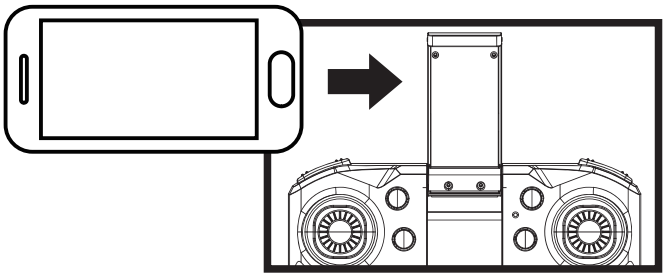
Remote control function name



remote control

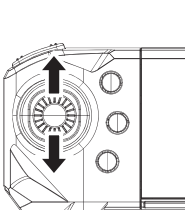
1. Mobile phone hanger

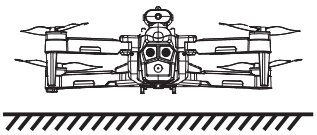
Pull out the stand of the remote control and clamp the phone



2.2.4G pairing

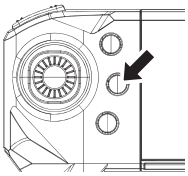
Turn on the aircraft power switch. Place the aircraft on a flat ground, the indicator light of the aircraft will flash, turn on the power switch of the remote control, and the buzzer will prompt a beep!

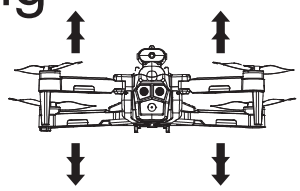




3. One-key takeoff and one-key landing

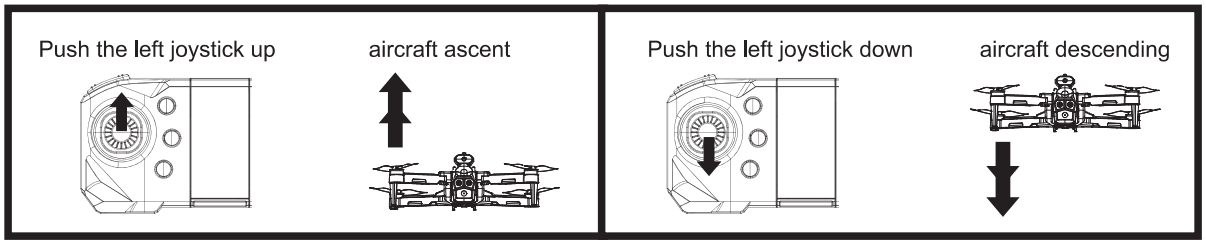
Reminder: This product is determined by the barometer, due to different factors such as various ambient temperatures.
It is normal for the aircraft to automatically change in height when it starts flying or when the voltage is low.



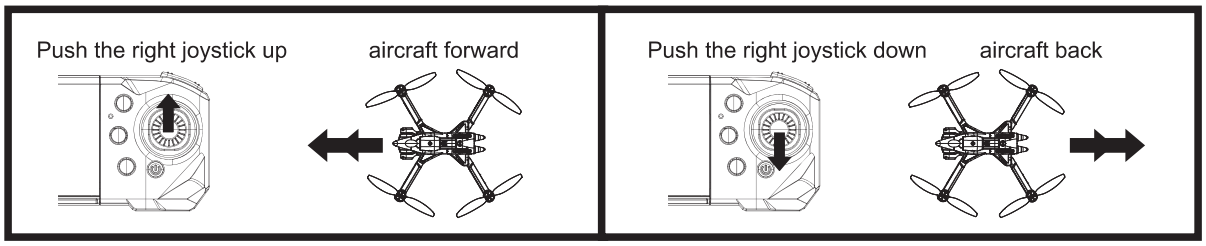


4. Flight Controls

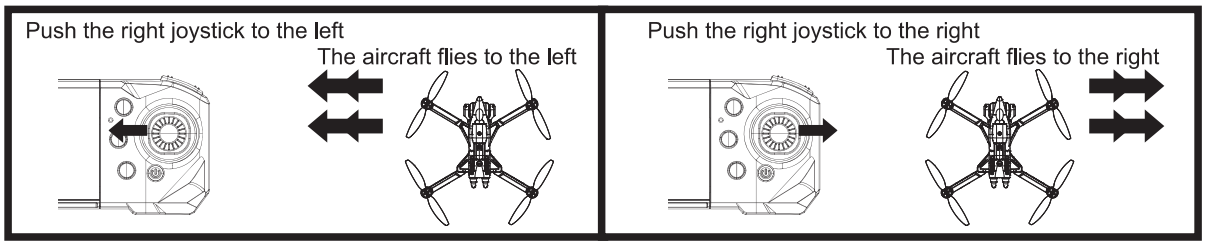
A. Throttle (left joystick)



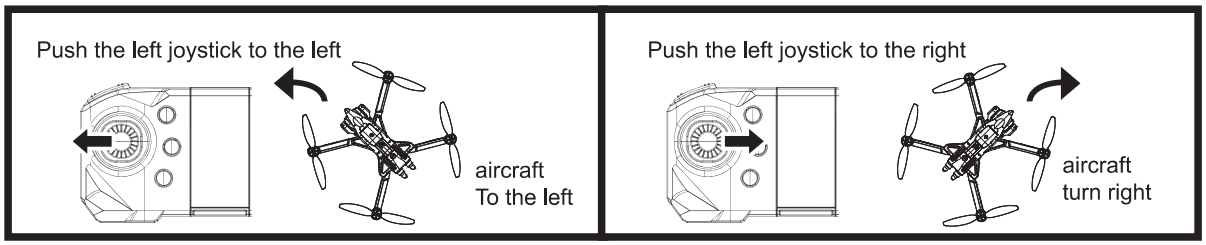
B. Forward/Backward (right joystick) (the side with the camera is the front)



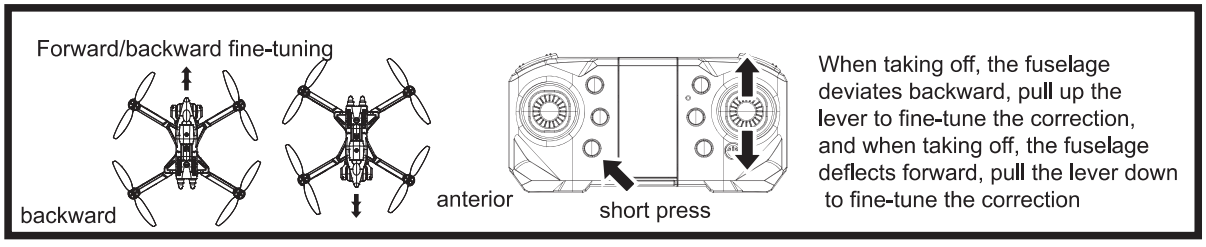
C. Fly left and right

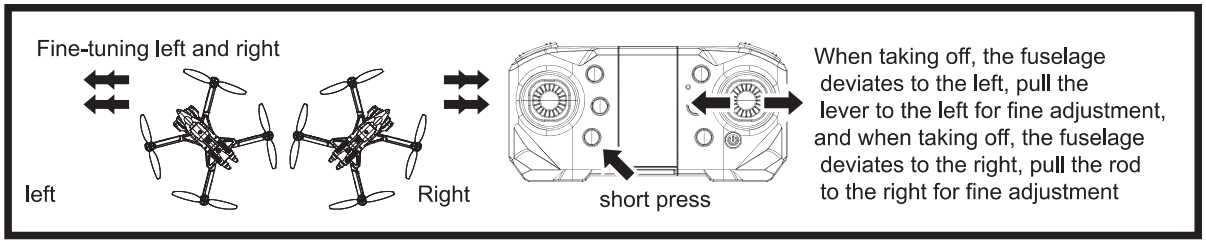


D. Turn left and right (the side with the camera is the front)



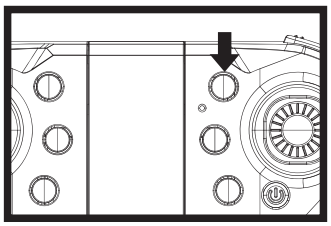
5. Fine-tuning control (the side with the camera is the front)



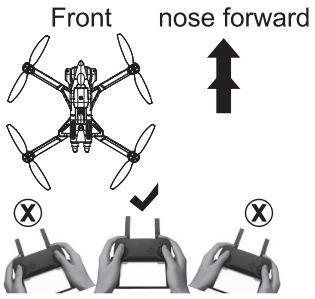


Direction Definition and Mode Selection of Headless Mode

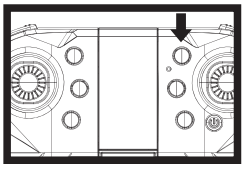
When you press the button (as shown in the picture) to switch to headless mode, the lights on the aircraft will start to flash, and the aircraft will give up its own front, rear, left, and right directions, and use the remote control as a reference point to reposition front, rear, left, and right.



1. Definition of the direction before takeoff: put the front normal direction of the aircraft directly in front of you (with
The camera side is the front) The remote control is aimed at the tail of the straight flight and then press one button to take off, that is, the end of the flight. to define the direction of the headless mode of this flight.
2. When flying, the headless mode key is pressed on the remote controller to make two beeps, and the aircraft will enter the headless mode when the lights of the aircraft flicker quickly.

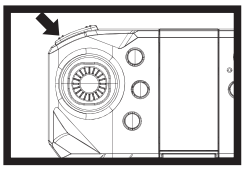


One key back



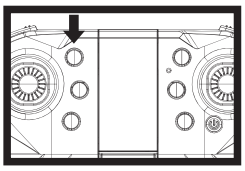
When you press and hold the button to go back, the aircraft will give up its own orientation.
*Note: This function can only do automatic return.

Fast, medium and slow selection



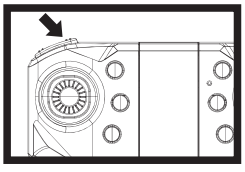
Fast, medium and slow speed is divided into three speeds for forward, backward and left and right, and the remote control recognizes it after turning on the power.
It is slow gear, press the remote control key to make two sounds of "flute" and "flute", then it is medium gear, "flute", "lei" and "flute"
Press three times for the fast gear, and a "flute" to return to the slow gear, (recommended for beginners to operate with slow crotch)

Obstacle avoidance mode

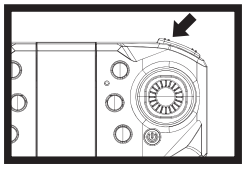


Click to enable obstacle avoidance mode

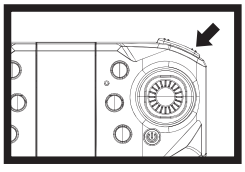
Take photos/videos/roll with one key



click to take photo



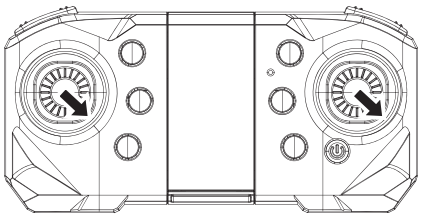
click to record



Press and roll

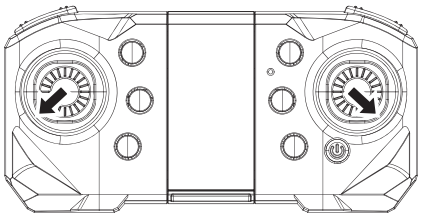
aircraft settings reset

When a novice is operating this RC drone, if the flight is unstable after take-off and there is a rapid drift in one direction, the gyroscope level correction function can be used to correct the drone. The method is as shown in the figure. After the power-on and frequency matching is completed, place the aircraft on a flat ground and tilt the throttle stick and direction stick of the remote control to the lower right corner at the same time. Lights up, indicating that the horizontal calibration is complete.



Gyro calibration

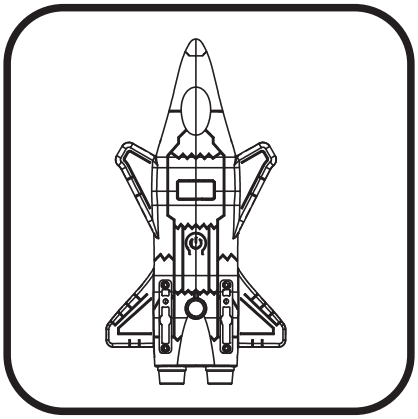
Two joysticks (pictured) twist the gyroscope to the outside for correction



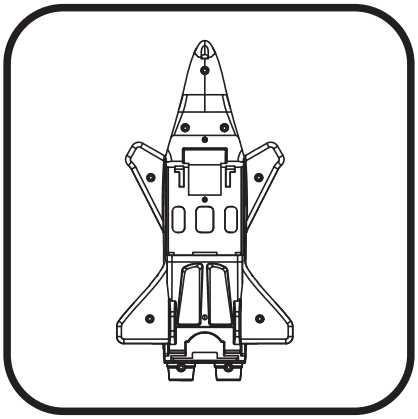
problem solving guide

question	reason	How to handle
Connect the UFO battery, the indicator light on the UFO keeps flashing, and the operation has no response	The remote control and the flying saucer are not successfully connected to the frequency	Please perform the frequency matching between the remote control and the UFO again
After connecting the UFO battery, there is no response from the aircraft	1. Check whether the remote control and UFO are powered on 2. Check whether the remote control and UFO batteries are in a low power state 3. Whether the positive and negative electrodes of the battery are in poor contact	1. Turn on the remote control and insert the battery to connect 2. Use a fully charged battery 3. Re-insert the battery and confirm whether the contact between the battery and the positive and negative plates of the battery is normal.
When pushing the throttle stick, the main motor does not rotate, and the indicator light on the UFO starts to flash	UFO lithium-polymer battery is low	Charge the battery to replace another fully charged battery
The main rotor of the UFO keeps turning but cannot take off	1. Main rotor deformation 2. UFO battery is low	1. Replace the main rotor 2. Charge the battery or replace with another fully charged battery
The flying saucer vibrated	main rotor deformation	Replace the main rotor
The saucer will either move forward or backward	The center of the gyroscope is wrong	You can put the remote control into automatic calibration mode or restart the system
UFO loses level after falling Hengfei can't get up	The center of the gyroscope is wrong	You can put the remote control into automatic calibration mode or restart the system

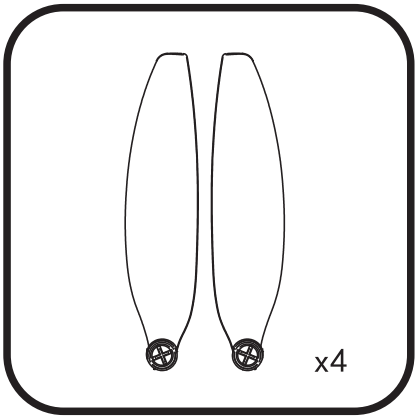
Product main accessories name



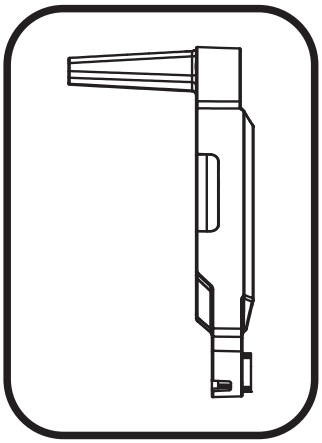
main body cover



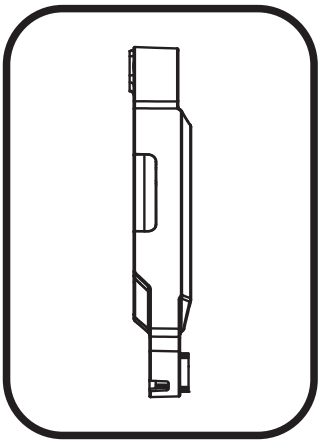
Main body lower cover



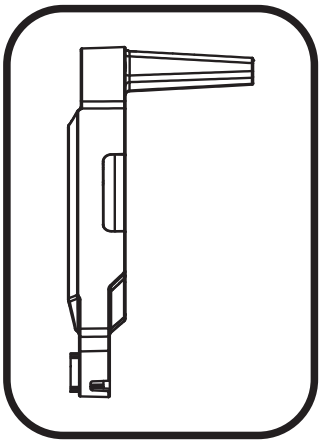
wind blade



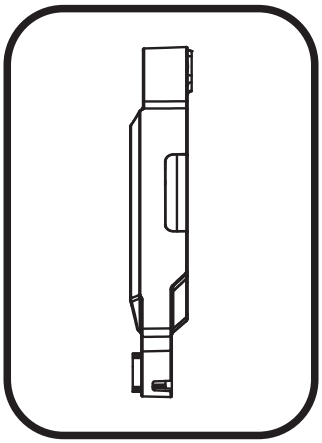
upper left arm span



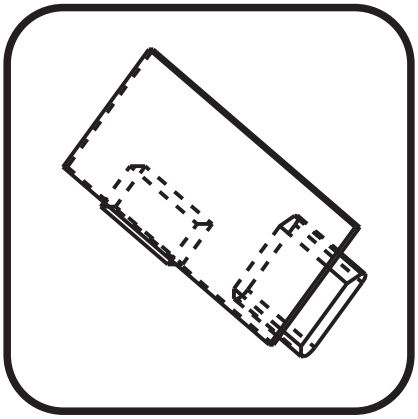
Lower left arm span



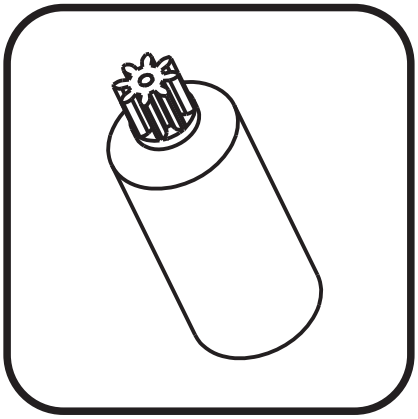
upper right arm span



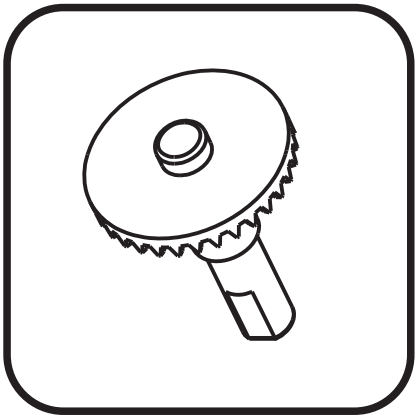
lower right arm span



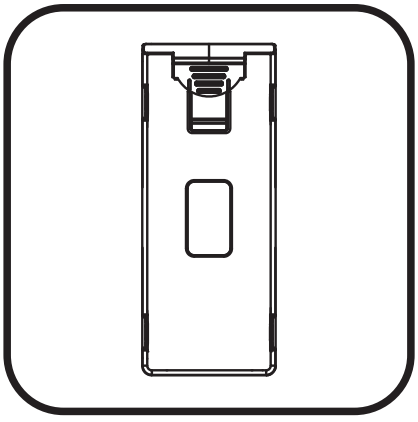
circuit board



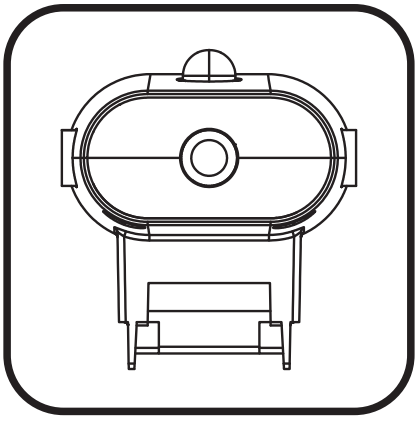
motor



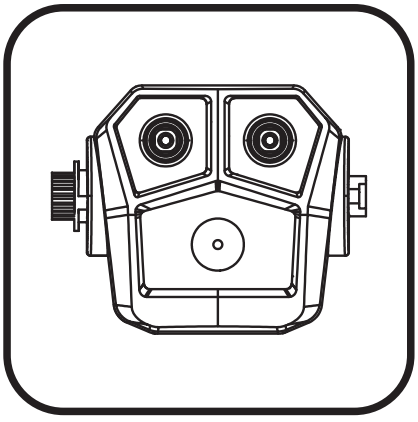
gear



Battery



Baffle head



Camera

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.