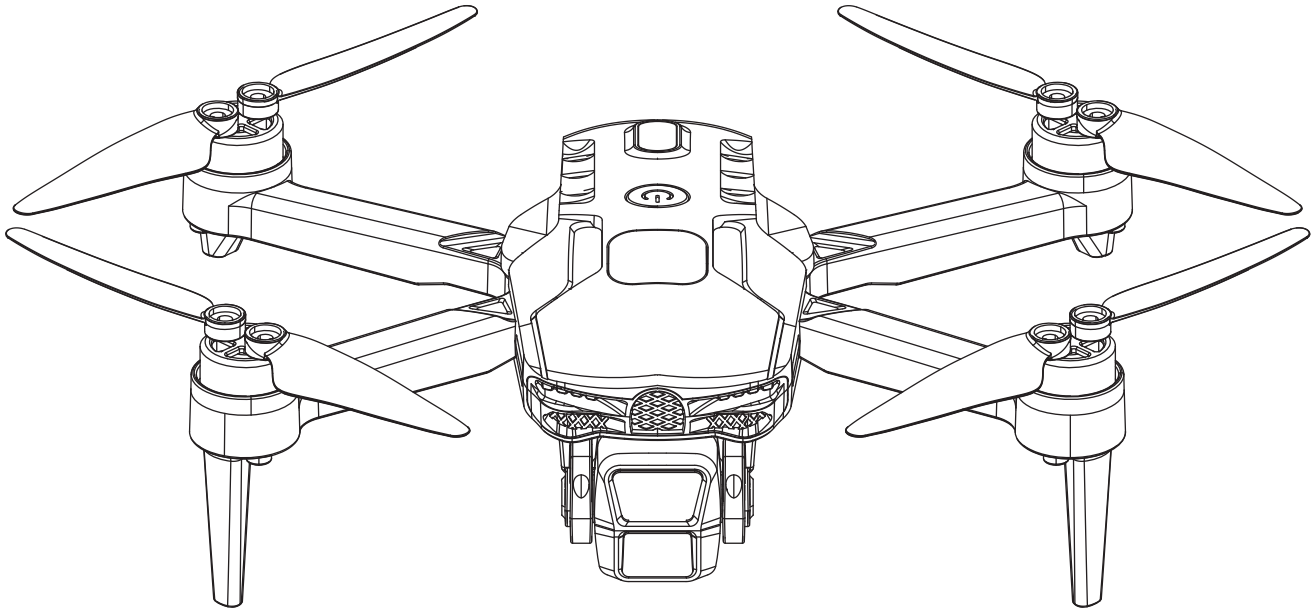
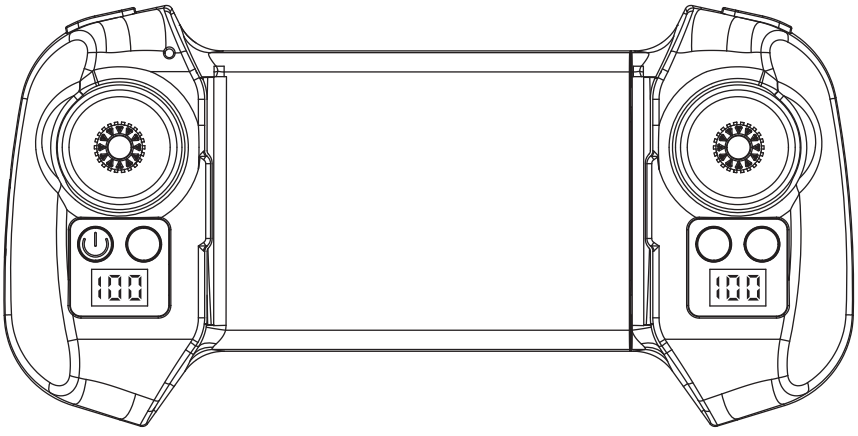
For Ages 12+

FOLDING DRONE PARAMETER MANUAL





* Please read the instructions carefully before flying and keep them in a safe place for future reference.

Detailed parameters of the drone and precautions for use

1. Drone weight: 90g
2. Drone Maximum Takeoff Mass (MTOM): 90g
3. Maximum drone flight speed: 8m/s
4. Drone flight altitude: 60m
5. drone remote control equipment and software: equipment remote control / software: RC FPV
6. Behavior of UAV and UA when data link is lost: When data link is lost, UAV will land vertically on the ground.
7. Operation Restrictions: Avoid operating the UAV outdoors in strong winds or thunderstorms, and fly within visual range at night.
8. The UAV can only be operated by people over 12 years old, in order to ensure the flight safety, please try to avoid airports, highways, train stations, subway stations and urban areas with a high concentration of people to fly.

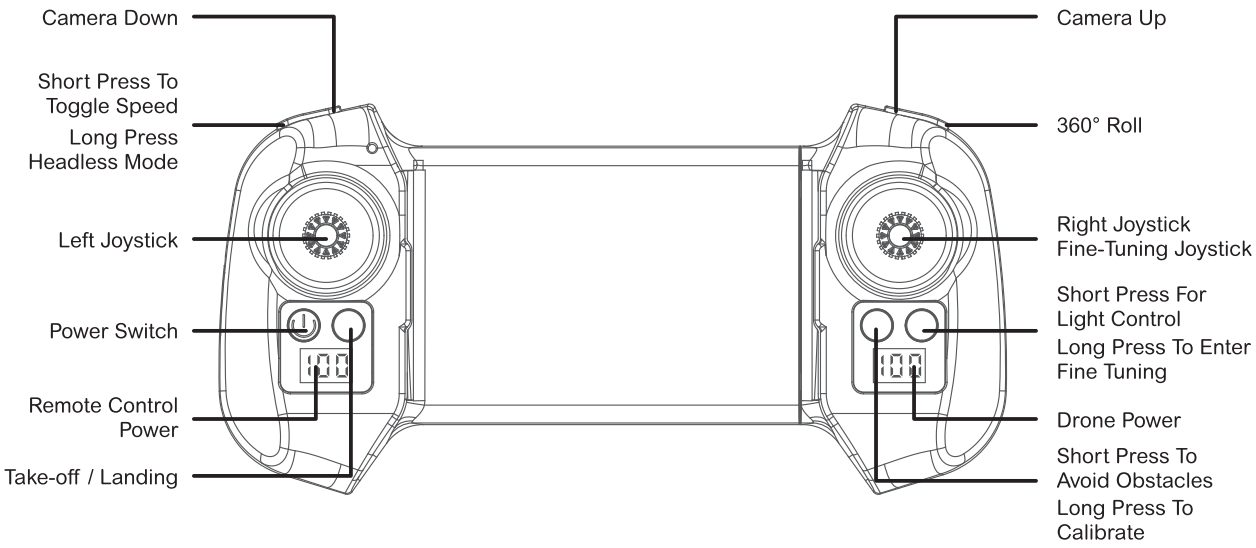
⚠ Do not use fast charging or high power charging head for charging

Product Operation Video

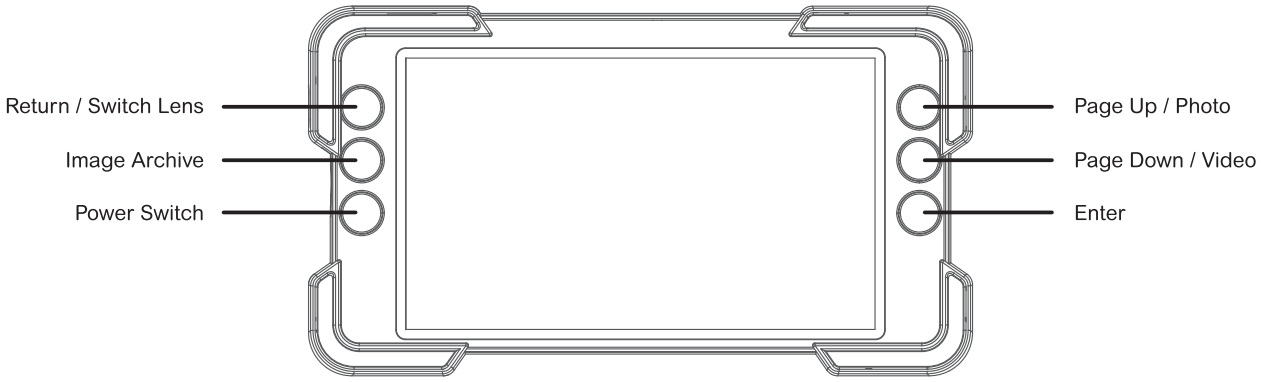
Scan the QR code below to watch a video of the operation

⚠ Please watch the video carefully before using the product.

Remote control and display function description

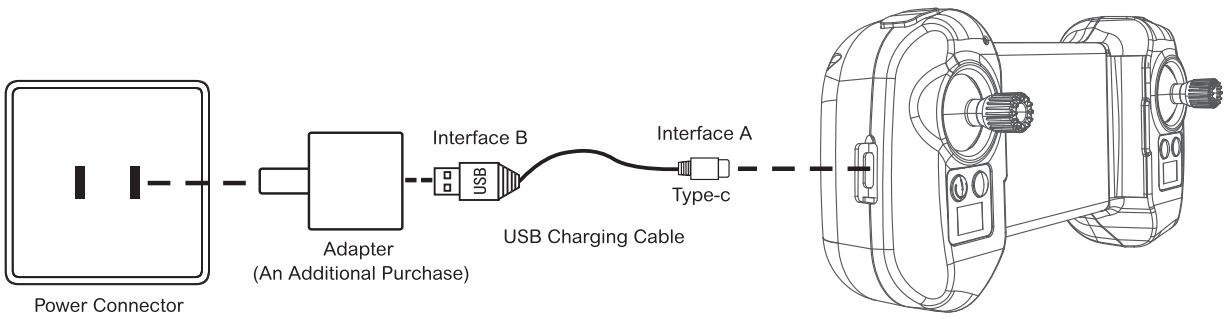


Low battery mode when the battery level reaches 30-40%, and it also makes a “drop,drop” sound.

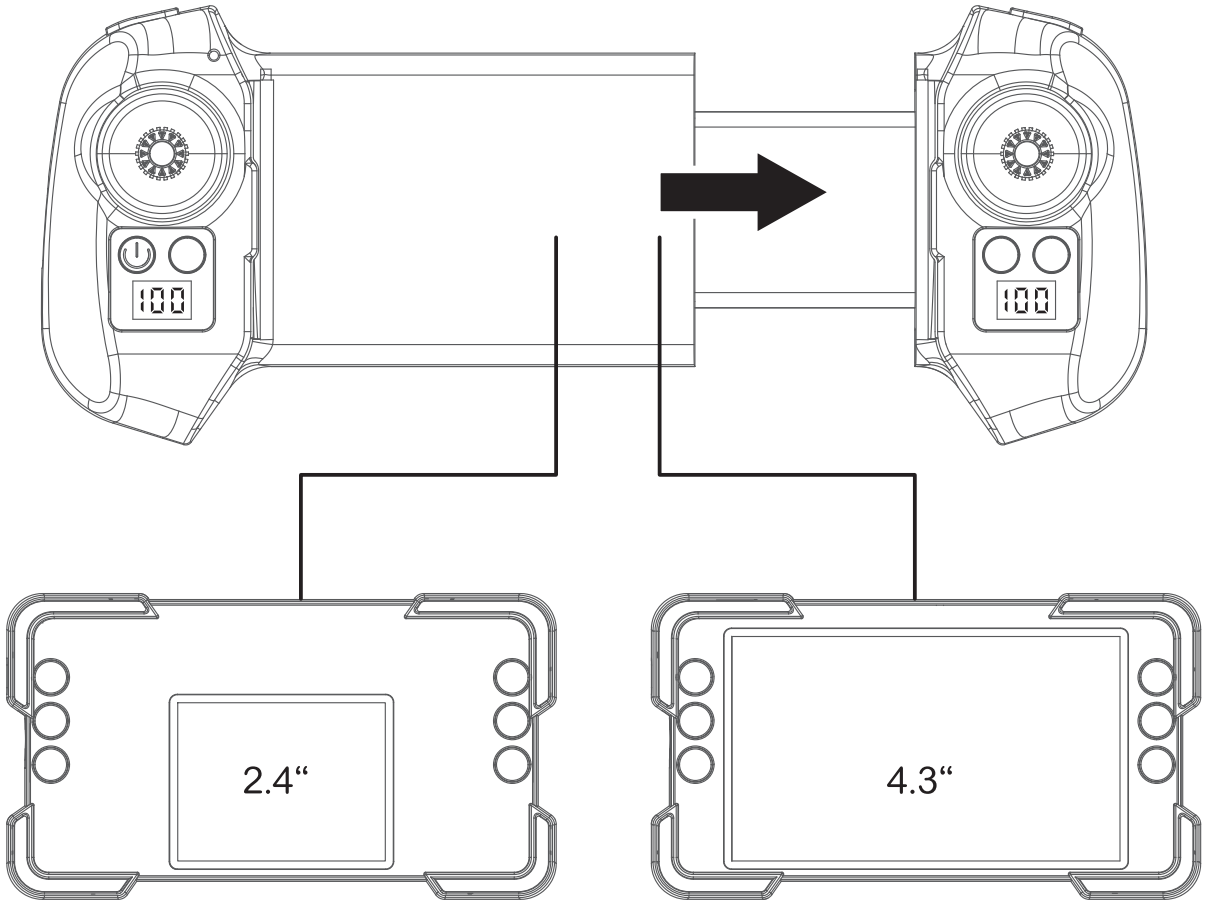


Display needs to be purchased separately

Remote control charging instructions

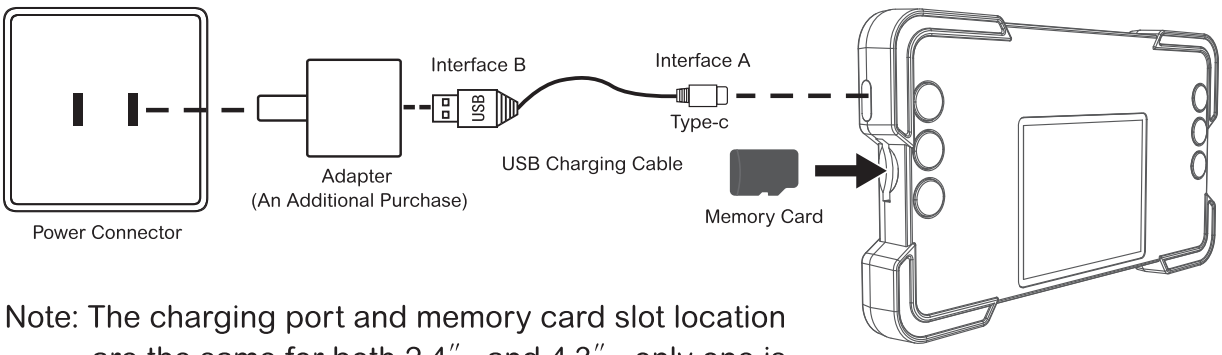


Display Introduction (2.4“ vs. 4.3”)



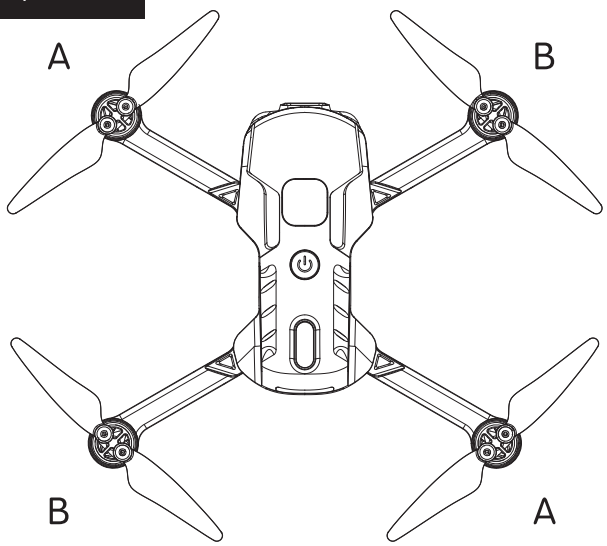
Push the right handle of the remote control out of the way, you can add a display, the display is 2.4-inch and 4.3-inch two sizes (both need to be purchased separately, the default is no display), you can watch the aerial footage in real time.

Remote control charging and memory card installation instructions



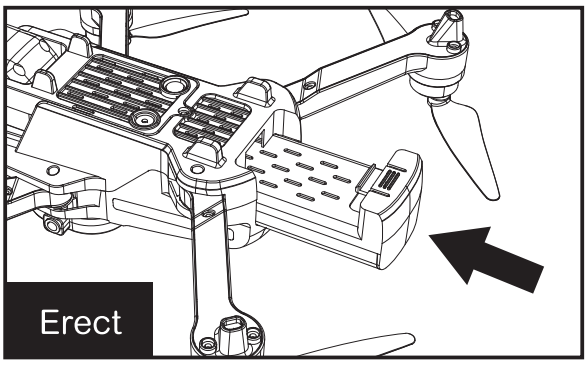
Note: The charging port and memory card slot location are the same for both 2.4″ and 4.3″, only one is shown here.

Replacement of propeller

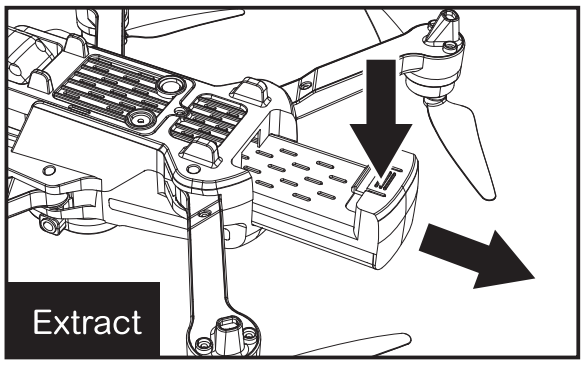


⚠ Please do not fly to crowded places to prevent accidental injury to others

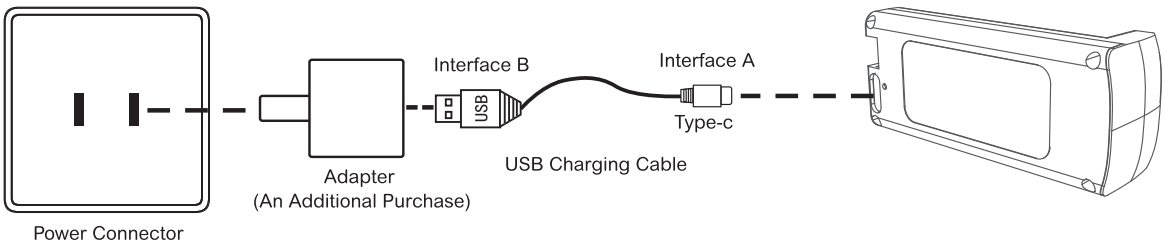
Installation and charging of aircraft batteries



Insert the battery into the drone and install it in place



Remove the battery by pressing the button on the battery

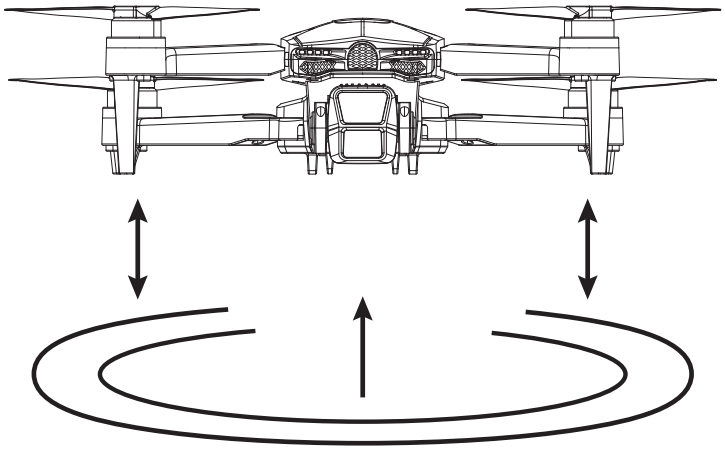


1. Remove the battery from the flyer;
2. Insert the battery into the USB charging cable;
3. Insert the USB charging cable into the USB plug of the adapter and then turn on the power, the red light of the USB charging cable will light up, which means it starts charging.

Tip: When the battery is full please remove the battery from the USB charging cable in time. When red light is on: charging in status; red light is off: charging full status.

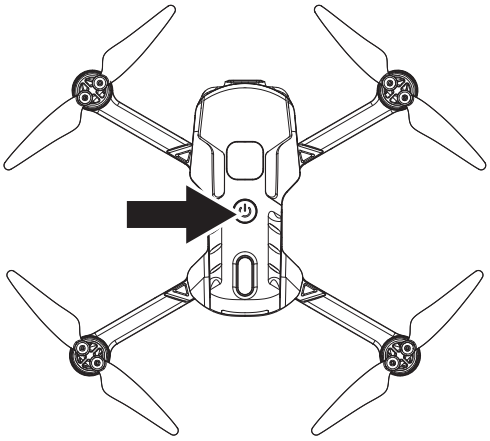
Introduction to Fixed Height Function

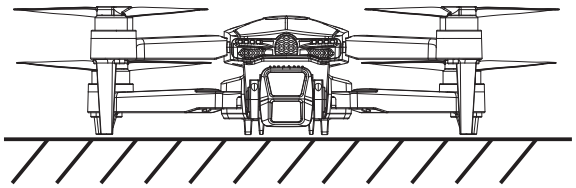
Use the left joystick to push and pull up and down to make the craft rise or fall, and release the joystick when it rises to a certain height or falls to a certain height, which will keep the craft at the current height.



Hint: The first time you push the throttle stick while the craft is stopped the craft will only start the motors but will not leave the ground. The second time you push the throttle stick, the vehicle will take off and leave the ground.

Take off process

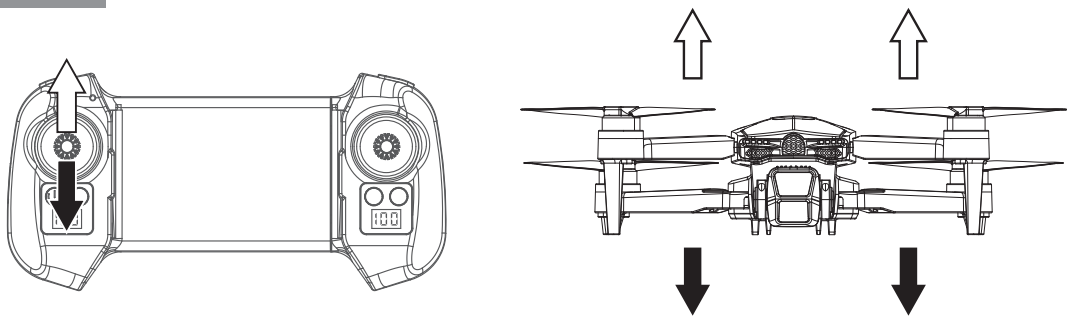




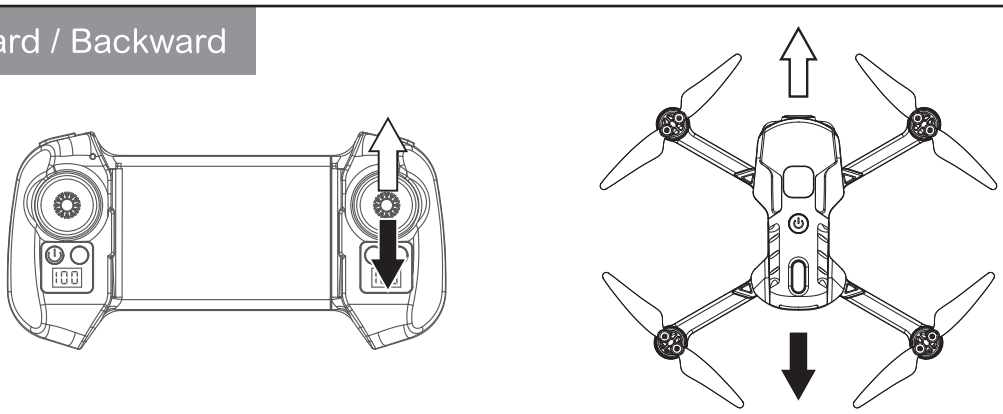
1. Make sure the battery on the craft is fully charged.
2. Long press the power switch button on the top of the aircraft after the battery is loaded into the aircraft, turn on the aircraft and place it on the horizontal ground.
3. Turn on the remote control, the indicator light on the remote control does not show the power is not frequency alignment state, you need to push the remote control left rocker, push up a drop and then push down a drop, the light of the aircraft long light, the indicator light on the remote control shows the power of the aircraft for frequency alignment success.
4. Now you can push the throttle stick to control the aircraft.

Flying Machine Direction Operation

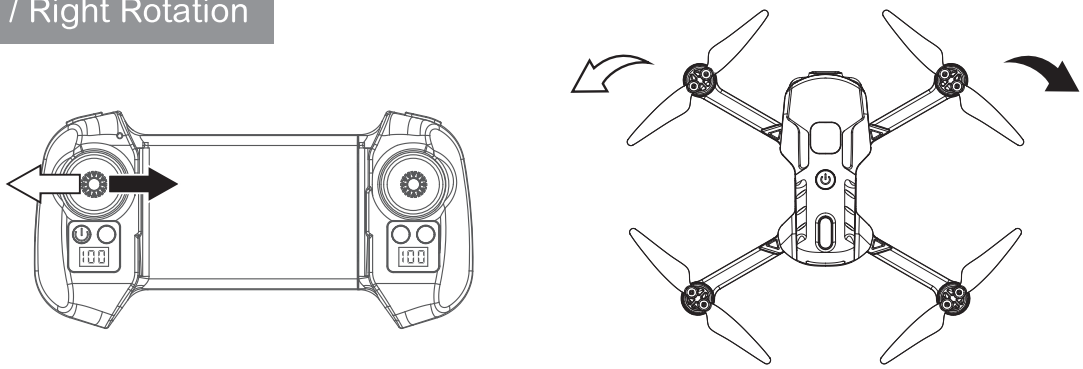
Up / Down



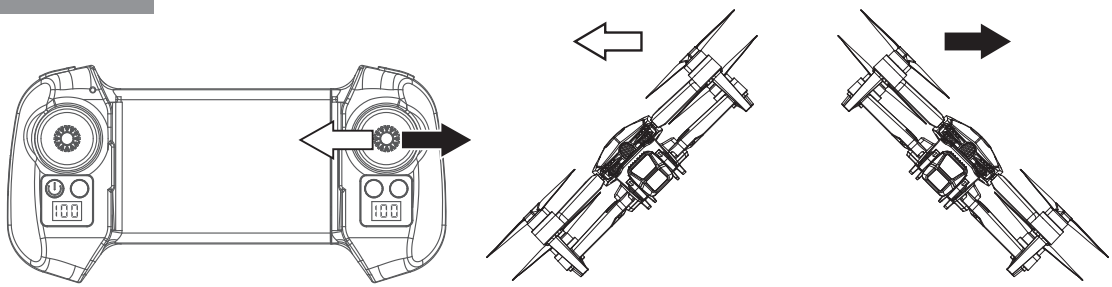
Forward / Backward



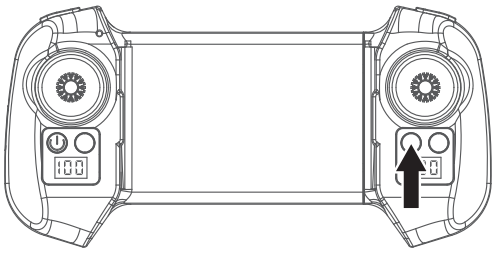
Left / Right Rotation



Fly left / Right



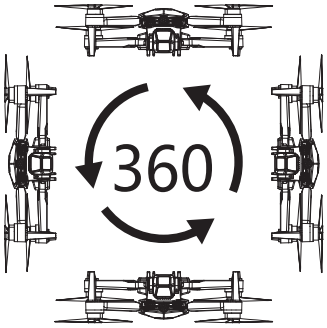
Horizontal Calibration



When the craft appears to keep shifting in a certain direction in the air or rotates itself in place, you can use the horizontal calibration function to calibrate the craft. Place the aircraft on the horizontal plane, long press the calibration button (as shown in the left picture), the remote control will emit a “drop” sound and the light of the aircraft will blink, wait for about 2 seconds, the light of the aircraft will be on, indicating that the calibration is completed.

3D Rolling

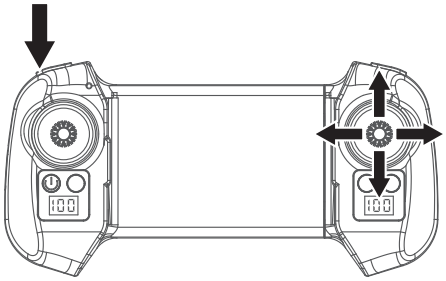
Flying machine in mid-air can do rolling special action, first of all will fly the flying machine to the height of 2-3 meters in the air (such as indoor play, please ensure that the distance between the ceiling to avoid danger), press the button on the right side of the remote control, the remote control sends out the “drop” “drop” “drop” sound, at this time only need to push the remote control on the right lever, the flying machine will be to the direction of the rocking bar to make rolling action. At this time, just push the right joystick on the remote control, and the aircraft will roll in the direction of the joystick.

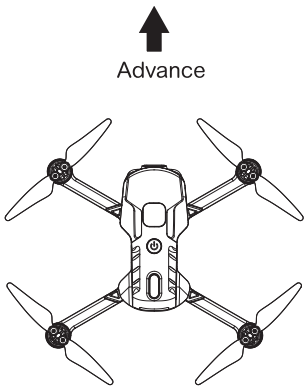


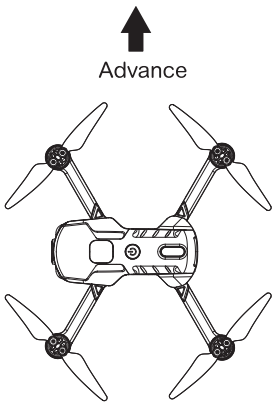
⚠ 3D tumbling works better with a full battery, do not use tumbling with low voltage.

Headless mode

Long press the button to start the headless mode, when it enters the headless mode, no matter how the craft rotates, the remote control just push the rocker forward direction, the craft is flying in the original set forward direction.







⚠ Before entering headless mode you need to determine the direction of the nose forward, i.e. the direction of the nose when the vehicle is on the ground after powering up.

Low Voltage Protection

When the aircraft is flying in the air, all the indicator lights are flashing and the remote control is emitting the “drop drop drop” alarm sound means that the battery power is low, prompting an emergency operation to return to the flight.
Slow blinking: low battery

⚠It is not possible to use the rollover function when there is a low pressure prompt.

One-key take off / landing

One-key take off:

Place the aircraft on the horizontal ground, press the remote control “one-kay take off” button, then the aircraft will automatically rise to a height of 1.5 meters.

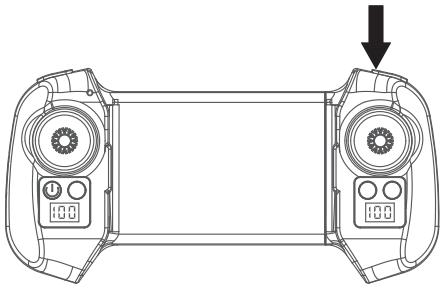
One-key landing:

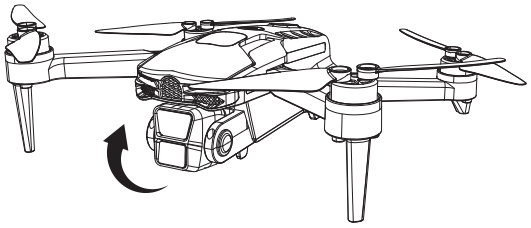
When the flying machine stays in the air, press the remote control “one-key to landing” button, then the flying machine will automatically land on the ground.

Camera Adjustment

Camera Up Adjustment

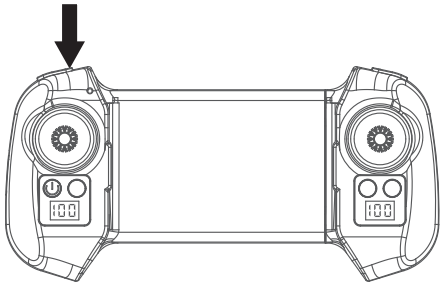
Press the “Camera Up Adjustment” button to adjust the camera upward angle.

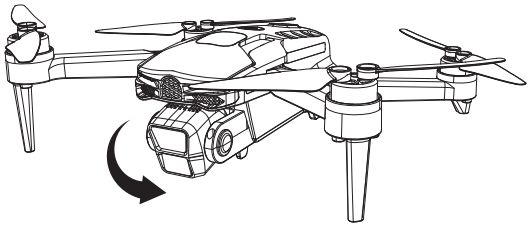




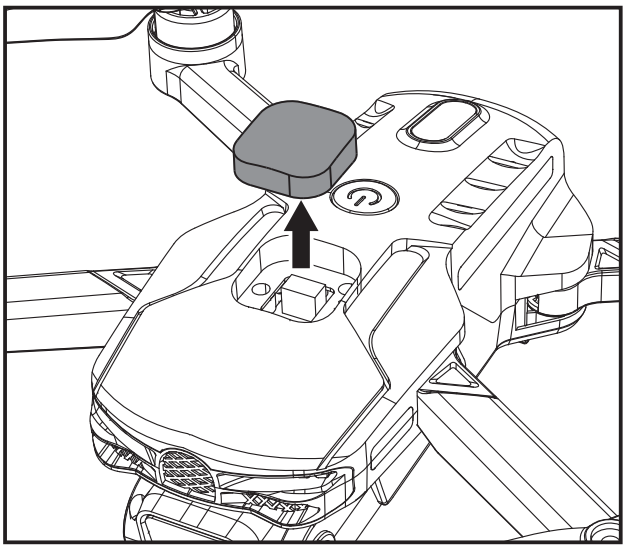
Camera Down Adjustment

Press the “Camera Down Adjustment” button to adjust the camera downward angle.

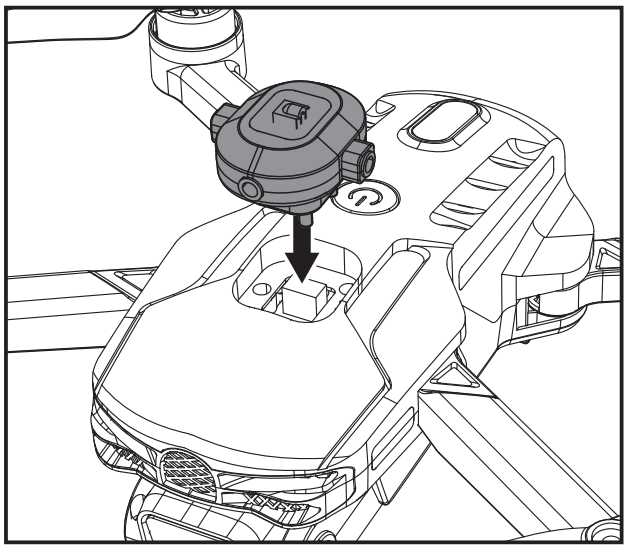




Mounting Obstacle Avoidance



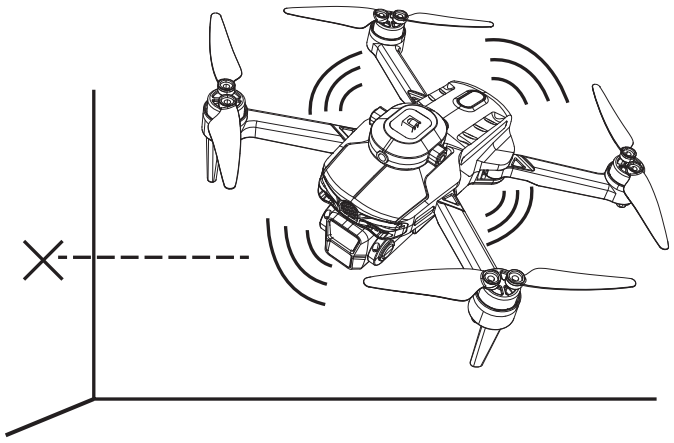
Remove the cover from the body

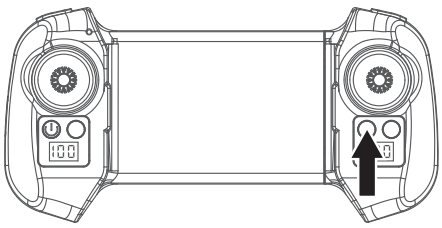


Installation of Obstacle Avoider to Fuselage

Introduction of obstacle avoidance function

Short press the button to turn on the obstacle avoidance mode, it will hover when encountering obstacles and avoid obstacles on all sides, short press again to turn off the obstacle avoidance mode.





It is recommended to turn on the obstacle avoidance function in the indoor flight environment above 6X6 meters in length and width. When the drone turns on the obstacle avoidance mode, the speed will be slowed down and you can't turn on the speed gear, so it is recommended to fly indoor when turning on the obstacle avoidance mode.

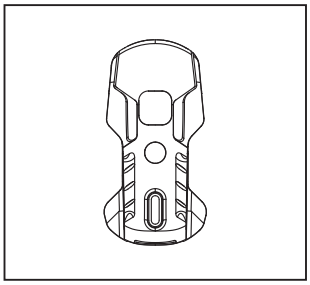
⚠ No obstacle avoidance outdoors

Problem solving guidelines

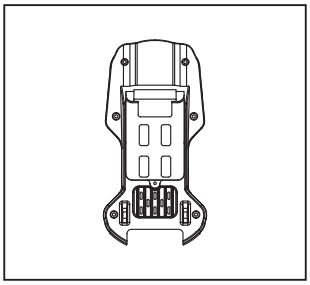
Problem	Cause	Solution
After the aircraft is connected with the battery, the indicator light flashes continuously, the operation is unresponsive.	Aircraft and remote coniroller 2.4 G frequency alignment was unsucessful	Please re-perform 2 4G alignment between aircraft and remote control.
There is no reaction after connecting the battery.	1. Check whether the remote control or aircraft is powered on. 2. Check the remote control or aircraft battery for low vollage. 3. Whether the positive and negative plales of the battery are in poor contact	1. Reinstall the battery. 2. Charge or replace new batteries. 3. Confirm that the positive and negative polarities of the battery are installed correctly
When pushing the throttleremote lever, the motor does nat rotale. amd theindicator light of the aircraft flashes all the tine.	Aircraft bettery, is low.	Charge the battery or replace a fully charged battery
The propeller of the aircralt keeps rolating but cannot take off.	1. Propeller deformaticn. 2. Aircraft battery power is insutticient	1. Replace the spiral prize. 2. Charge the battery or replace a fully charged battery.
The aircraft vibrales badly.	Propeller deformation	Change propeller.
The aircrait always drifts in one direction.	The center point of gyroscope on aircraft is wrong.	Re-calibrate horizontally or reboot, Re-alignment
The aircraft lost its balance afler falling.	The center point of gyrasoope on aircraf is wrong.	Re-calibrate horizontally or reboat, Re alignment

Note: the batteries of newly purchased products are low voltage,please fill the battery before use!

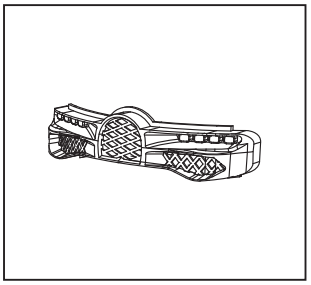
List of accessories



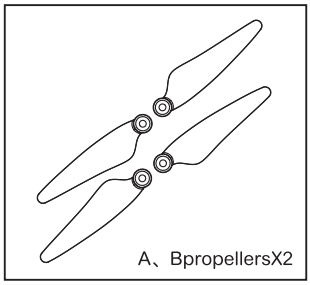
1. Outer shell



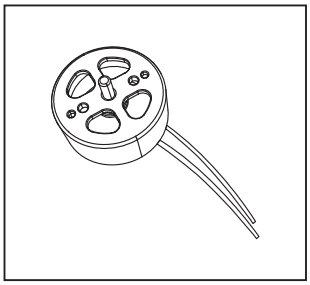
2. Backshell



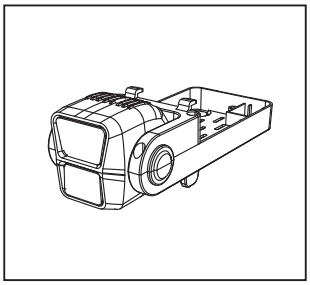
3. Cover of lamp



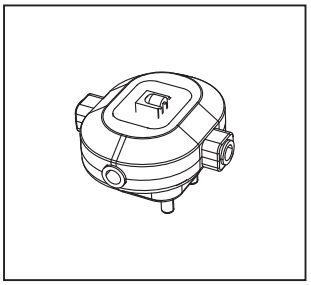
4. Propellers



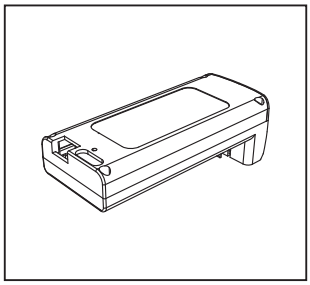
5. Brushless motor



6. Camera



7. Obstacle avoider



8. Rechargeable battery

FCC Statement

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.

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 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.

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

FCC Radiation Exposure Statement

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The device can be used in portable exposure condition without restriction.