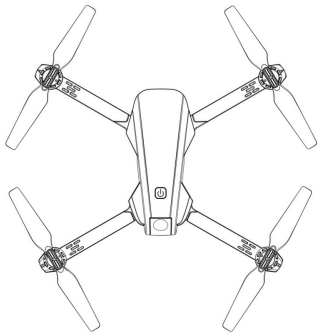
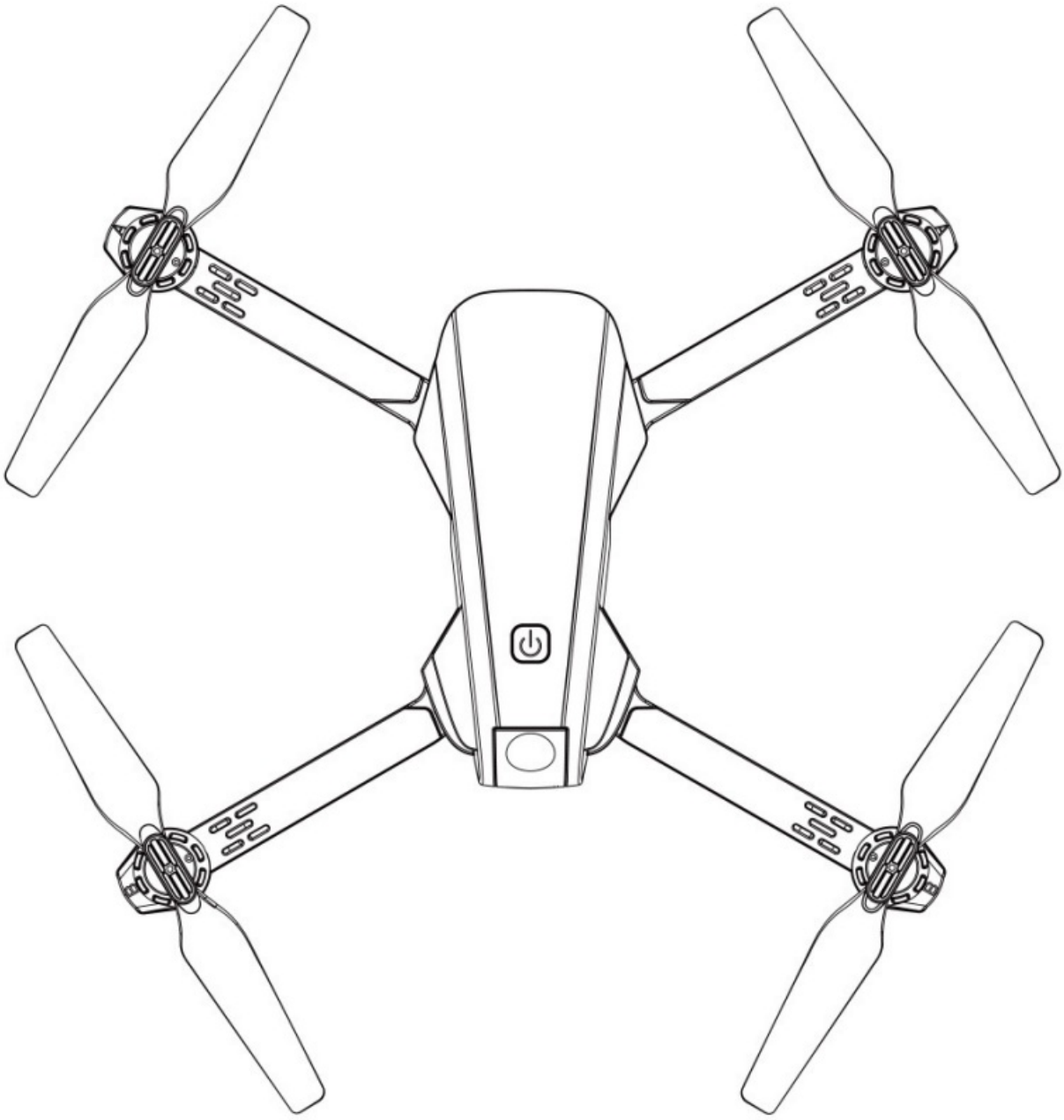


Drones BJS20 4 AXIS Folding Drone Instruction Manual

Drones BJS20 4 AXIS Folding Drone



Thank you for choosing our products. Please read this manual carefully before flying. Keep this manual for future inquiry. If the picture is inconsistent with the real product, the real product shall prevail.

Contents

SAFETY PRECAUTIONS AND STATEMENTS

1. This product is suitable for people over 14 years old. Please ensure that it is operated in a safe environment. Please use it correctly in strict accordance with the safety precautions and operating instructions. Any modification , disassembly or improper use may cause unpredictable hazards or accidents. Please do not despise it.
2. Scope of responsibility of the company: improper assembly by users, unsafe environment, unauthorized modification, disassembly and other illegal operations.
3. This product is a high-tech operation consuming commodity. If it is disassembled, refitted and used, it may cause damage to parts.If it is defective due to any improper operation, it will not be able to replace new products or return them within the wa rranty conditions. In case of operation and maintenance problems, our agent or after-sales service will provide technical guidance and special price parts supply services.
4. The aircraft is a dangerous commodity. When flying, please keep away from people and obstacles. Improper assembly or damage of parts, poor electronic control equipment and improper operation within a safe distance (more than 4m) may lead to flight out of control, resulting in unpredictable damage and unexpected accidents. Pilots must pay attention to safe flight and understand the flight requirements and responsibilities in detail.
5. This product is suitable for indoor and outdoor use. It is strictly prohibited to use in areas with high voltage hazards and prohibited by the state.
6. When this product is not used for a long time, please turn off the power and take out the battery to prevent the

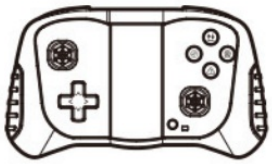
danger of battery leakage.

MAINTENANCE AND REPAIR

1. Clean this product with a clean soft cloth.
2. Avoid exposure to the sun or heat.
3. Do not immerse the toy in water, otherwise the electronic parts will be damaged.
4. Check the plug and other accessories regularly. If any damage is found, please stop using it immediately until it is completely.

CONTENTS

Drone x1

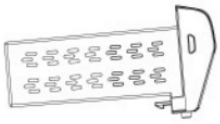


Remote control x1

USB Charging Cable x1

User manual x1

Main blades A x1



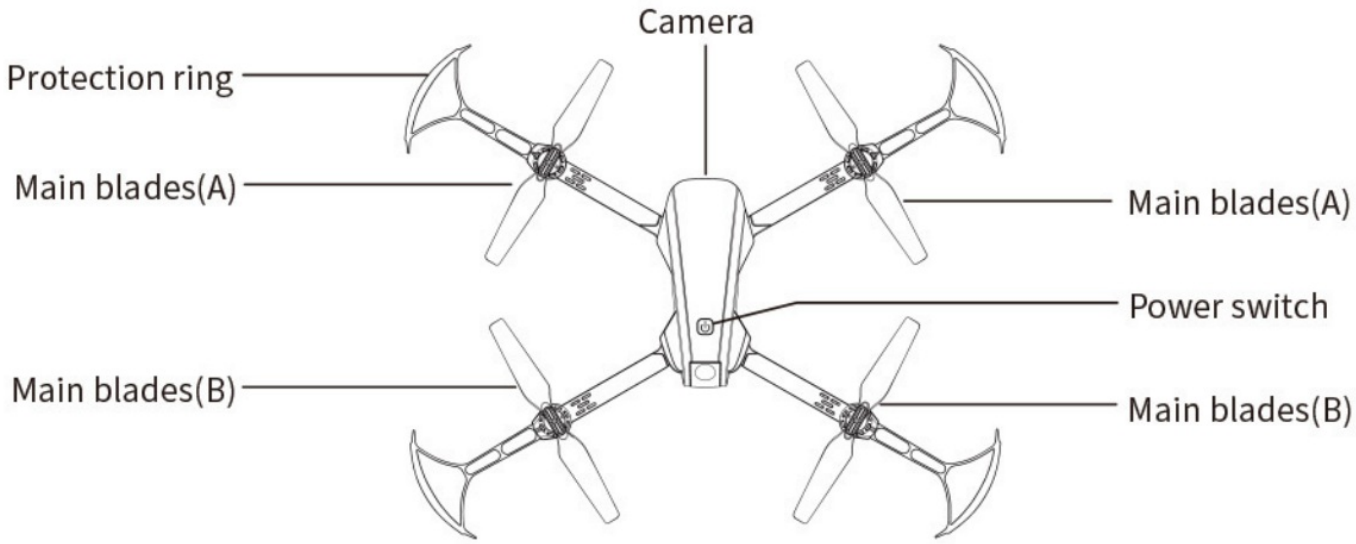
Main blades B x1

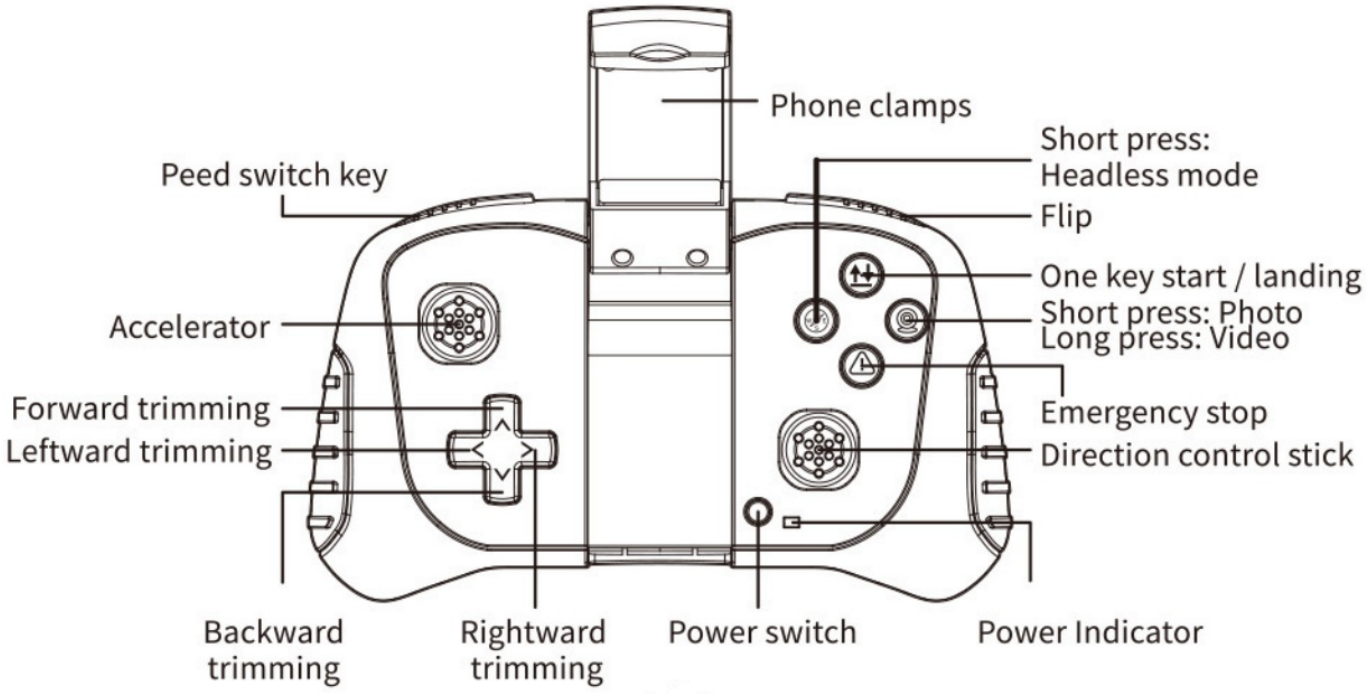
3.7V Battery module x1

Protection ring x4

ScrewdriverX1

NAMES OF CONTROLLER

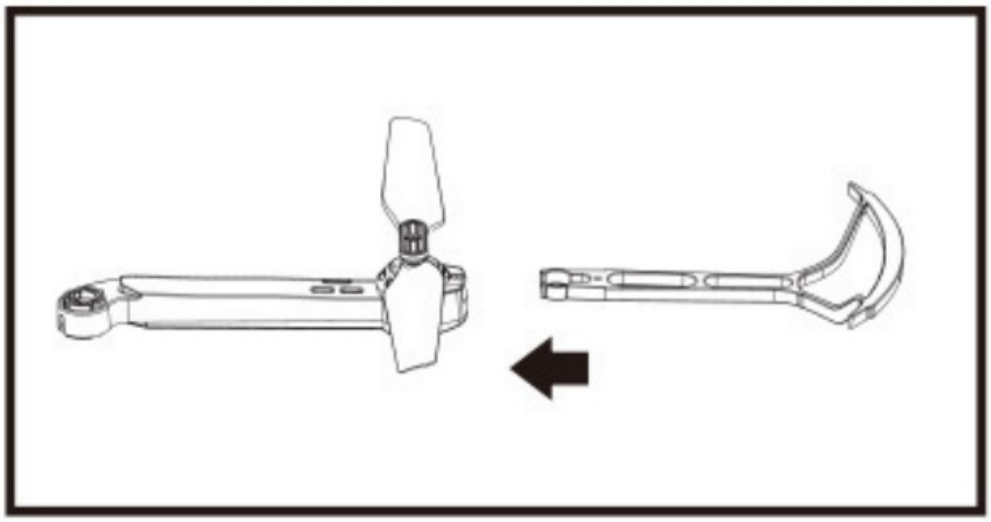




PROTECTION RING INSTALLATION METHOD

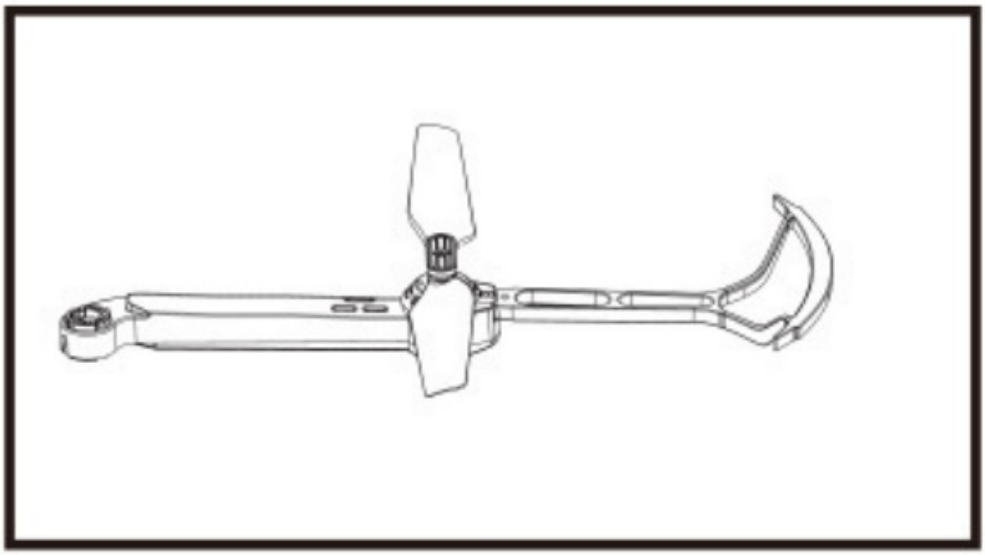
1. Install the protective frame at the bottom of the motor frame.

   (Picture 1)



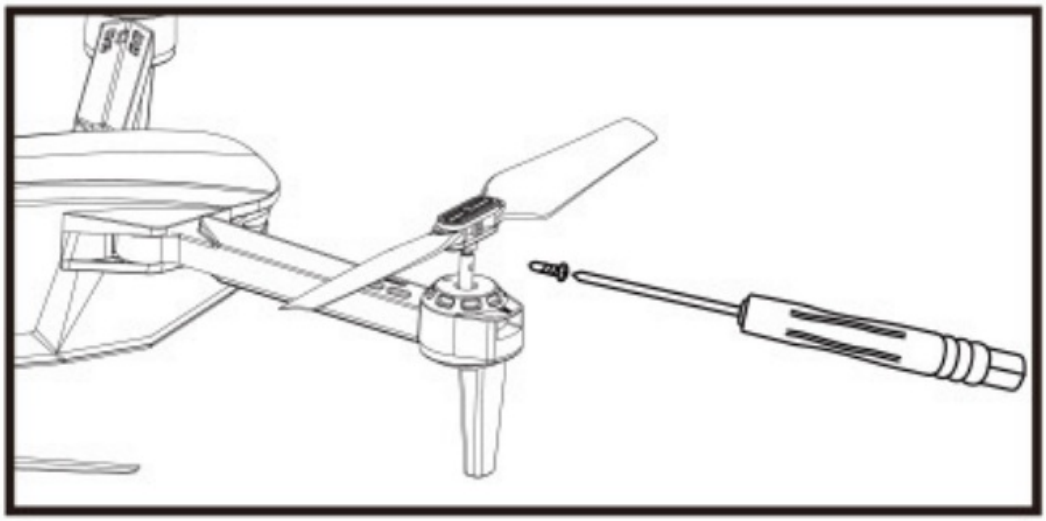
2. It has been installed.

   (Picture 2)

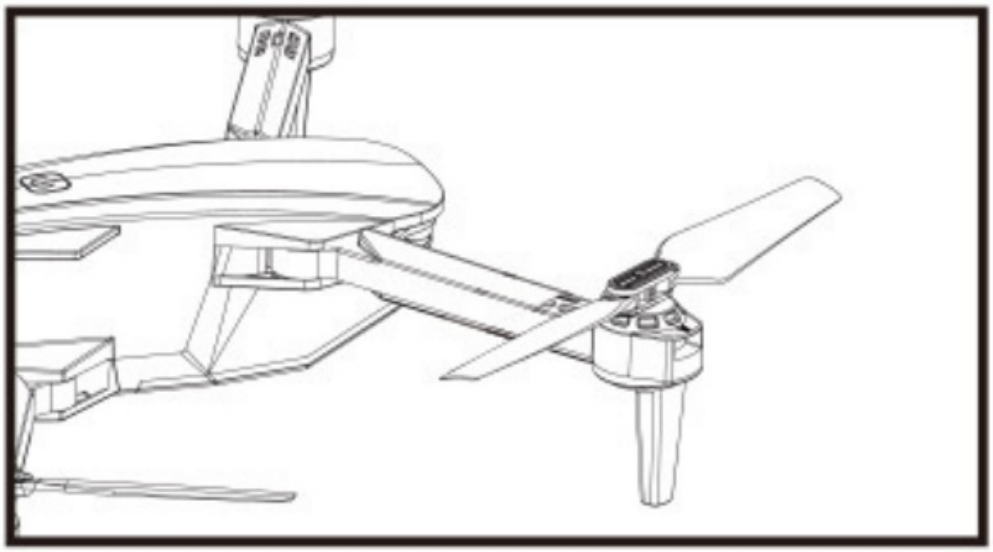


BLADE REPLACEMENT METHOD

1. Please make sure all propellers are Install in the correct orientation. If the installation is wrong, fly aircraft will not be able to fly normally.
   (Picture 1)

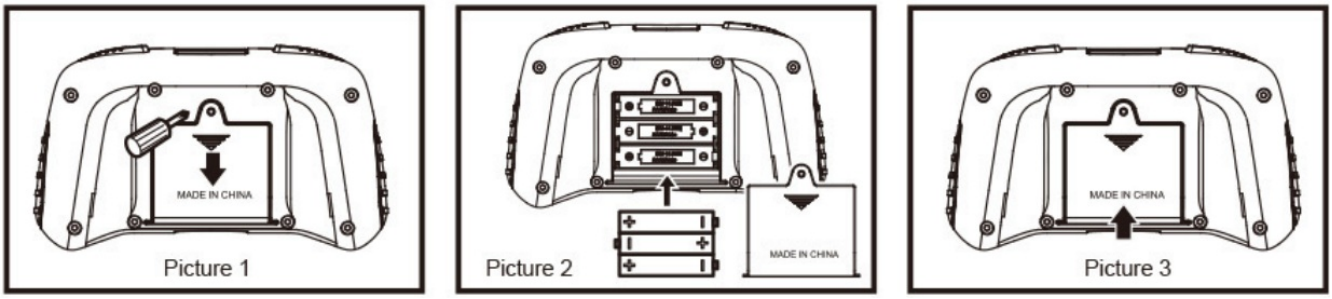


2. It has been installed.
   (Picture 2)



CON TROLL ER BATTERY BATE RY INSTALLATION

1. Click the button on the battery cover with a screwdriver to take out the battery cover.
   (Picture 1)
2. Install 3x AAA batteries into the battery compartment according to their polarity
   (Picture 2)
3. Put on the battery cover
   (Picture 3)



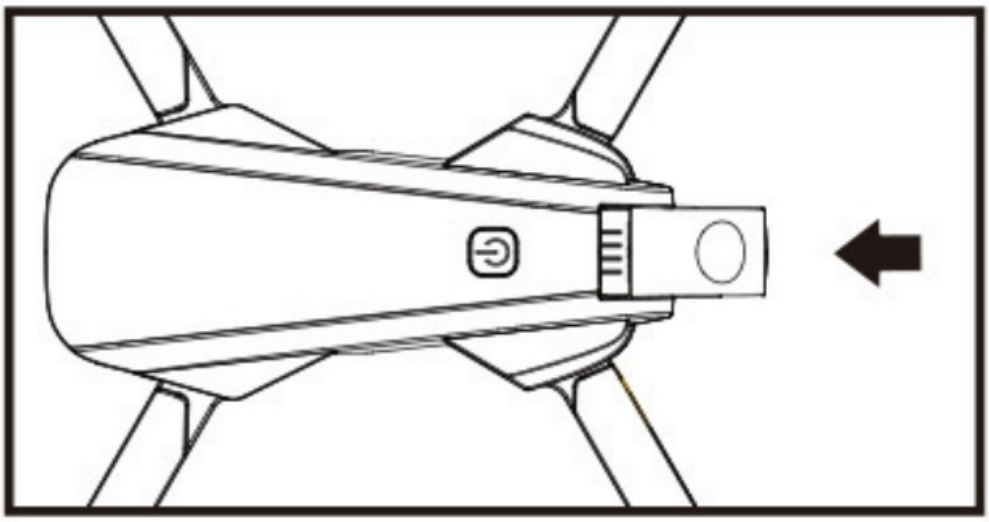
Note: Batteries should be inserted with the correct polarity.

⚠ WARNING

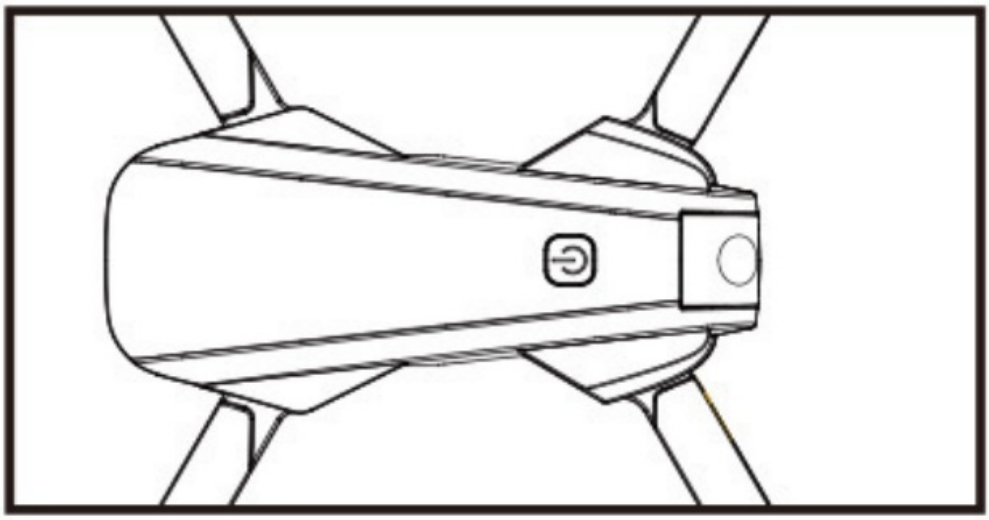
1. Do not mix different types of batteries.
2. Do not mix old and new batteries.
3. Install batteries with correct polarity.

QUADCOPTER BATTERY INSTALLATION

1. Install the battery module to the battery base of the fuselage in the direction shown in the figure.
   (Picture 1)

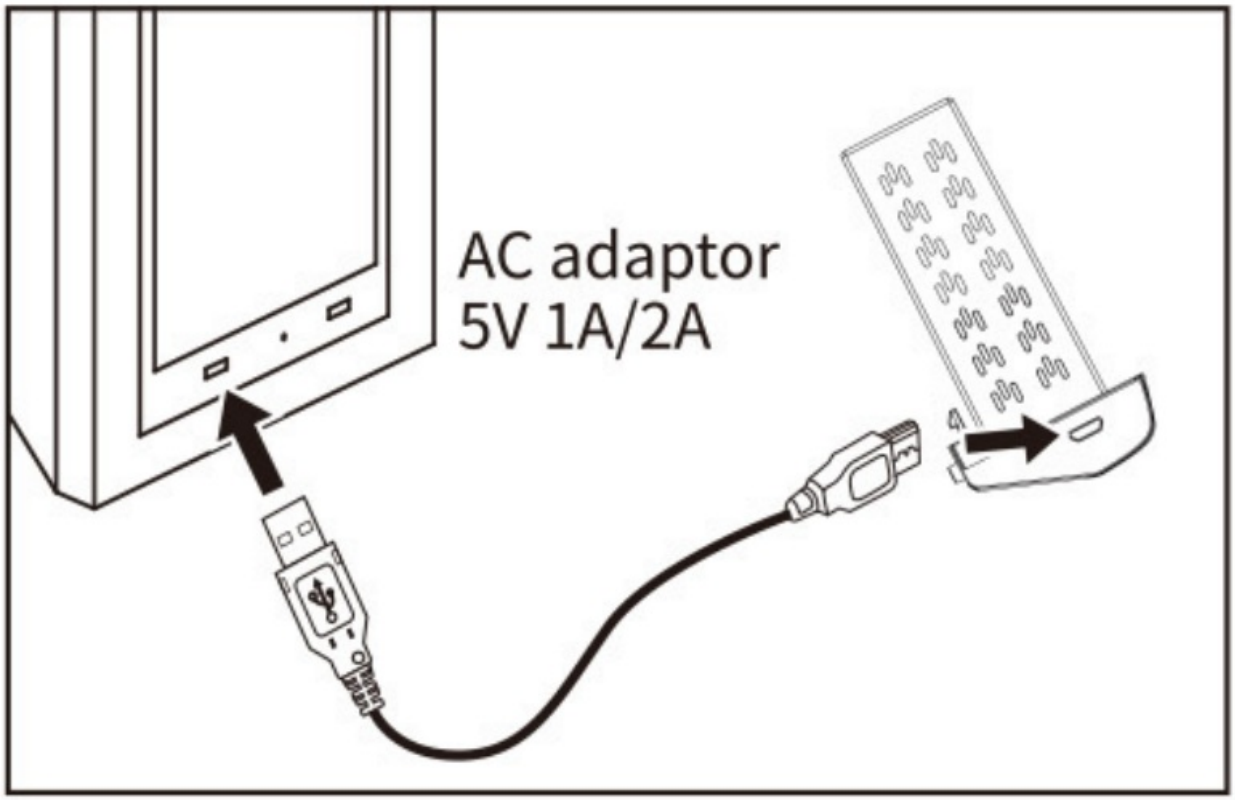


2. It has been installed.
   (Picture 2)



CHARGING BATTERIES

1. Connect one end of the USB charging cable to the adapter power port, and then connect the other port to the battery charging port. When charging correctly, the USB charging cable indicator is always on.
2. The USB charging line indicator is off, indicating that the charging is complete (the charging time is about 120 minutes)



CHARGING PRECAUTIONS

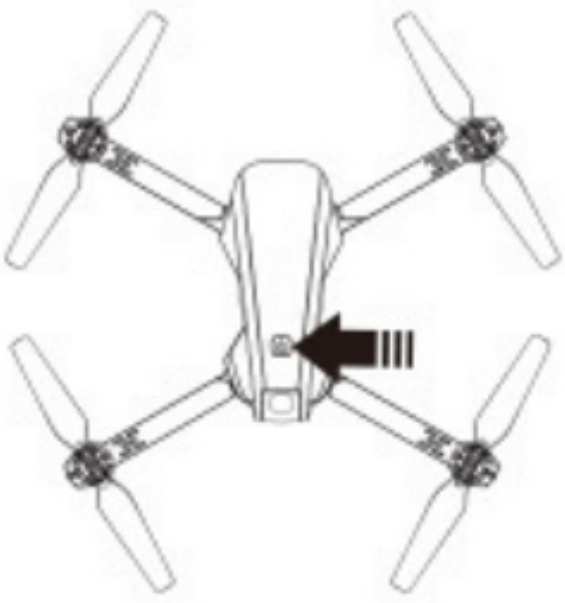
- Do not putthe battery in a place with high temperature and heat, such as open fire or electric heating device, otherwise damage or explosion will occur.
- Do not hit or strike hard object surfaces with batteries.
- Do not disassemble the battery.
- Do not immerse the battery in water. The battery should be stored in a dry place.

- Do not leave when charging.
- Do not put the battery on inflammable materials such as blankets for charging .
- Do not charge the battery when it is hot after the aircraft is in operation.
- Please use the original USB charging cable to charge the battery.

READY TO FLY AND CLOSE

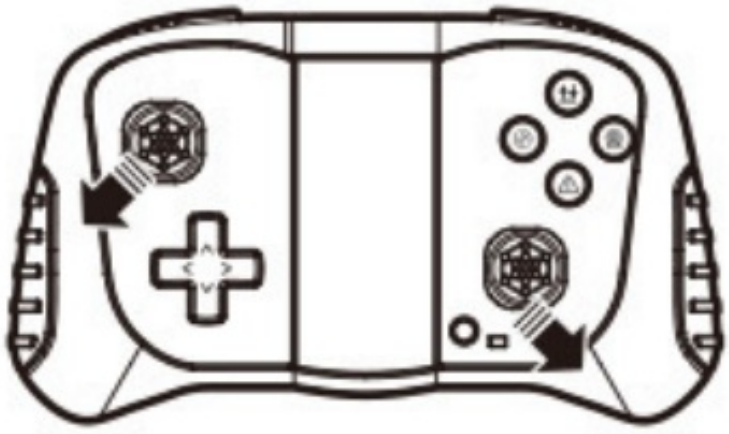
BOOT UP

Place the Drone on a horizontal plane after deployment, and long press to open the fuselage.
Power button, light flashing, in standby mode.
Note: the tail of the quad copter is aimed at the controller



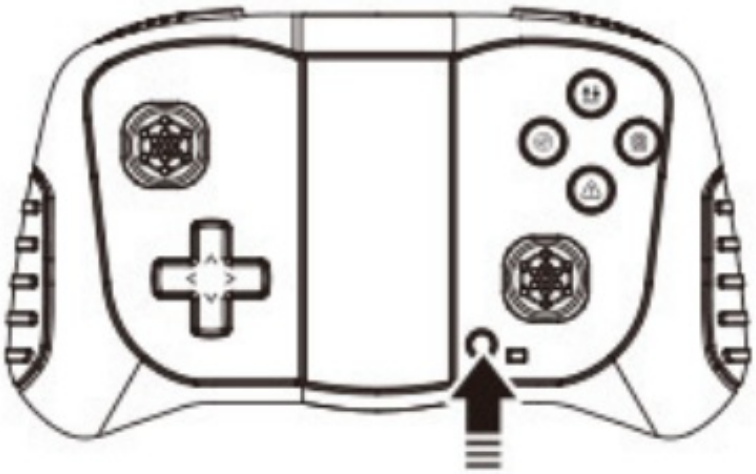
PAIRING

Long press to turn on the power switch of the remote control, the Drone fuselage light turns to normal light, and the frequency matching is completed.



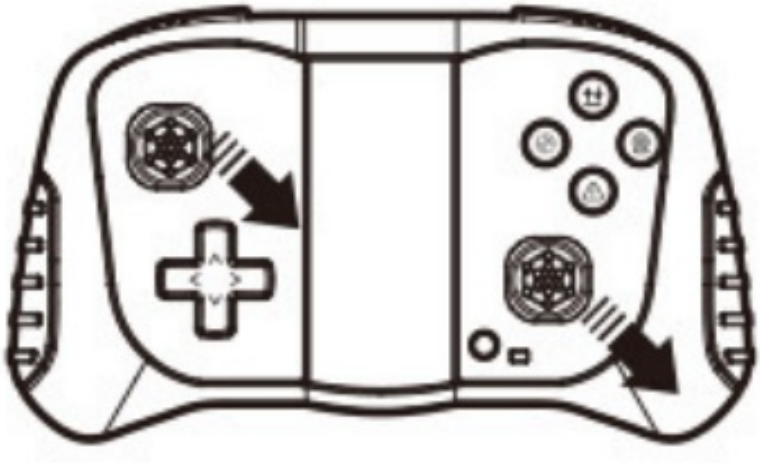
HORIZONTAL CALIBRATION

Lower the left control lever of the remote control 45 degrees to the left Corner right lever down right 45 ° .
The remote control emits a “drip” sound and the light of the fuselage flickers and always turns on to complete the horizontal calibration.

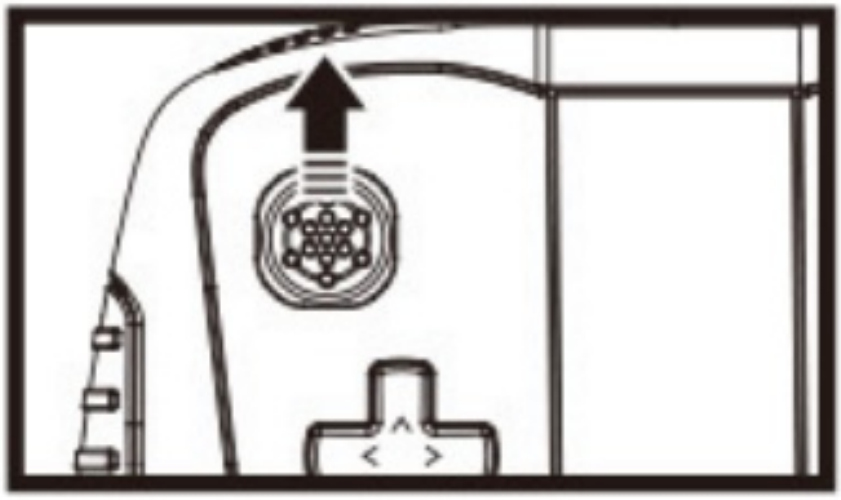


START THE QUADCOPTER

Method 1:
Move the left control lever of the remote control down 45 ° to the left / the right control lever down 45 ° to the right, the remote control makes a “drip”, the propeller blades rotate slowly, and the aircraft is unlocked.

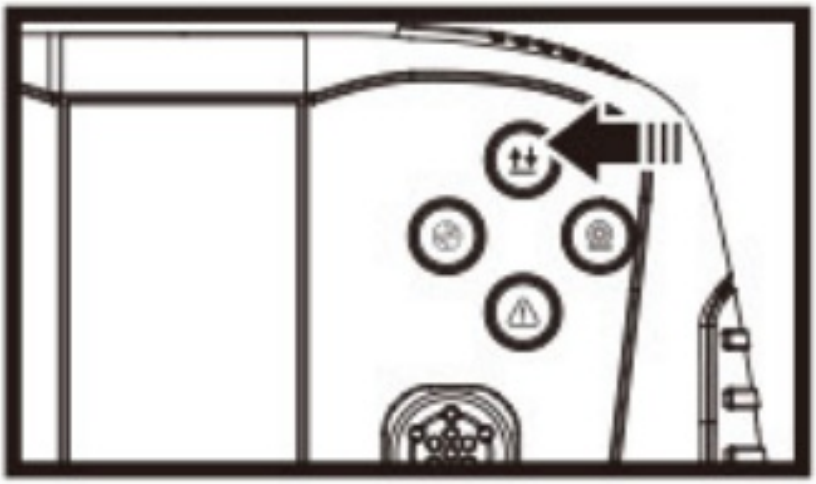


Method 2:
After the aircraft is unlocked, push the left joystick of the remote control upward, and the propeller accelerates to rotate and fly off the ground.



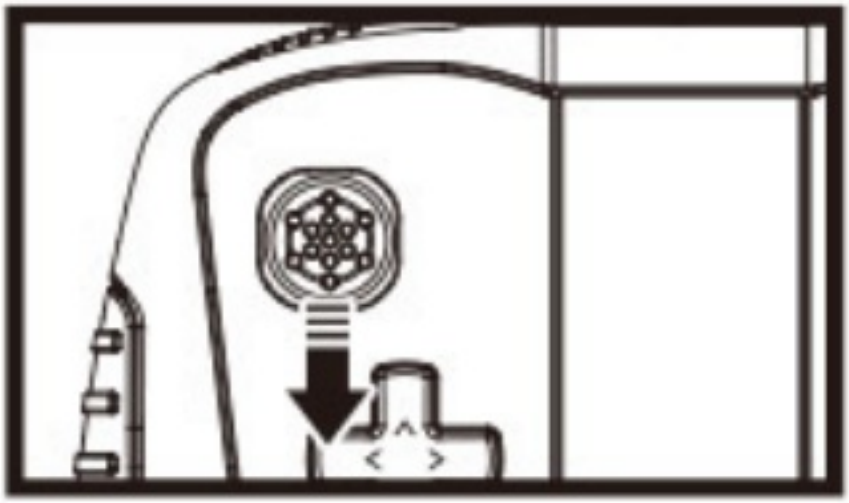
Method 3:

When the aircraft is at a standstill after frequency matching, press the “one button take-off” button on the remote control. After the aircraft propeller rotates slowly, it will automatically rise to an altitude of about 1.2m and hover.



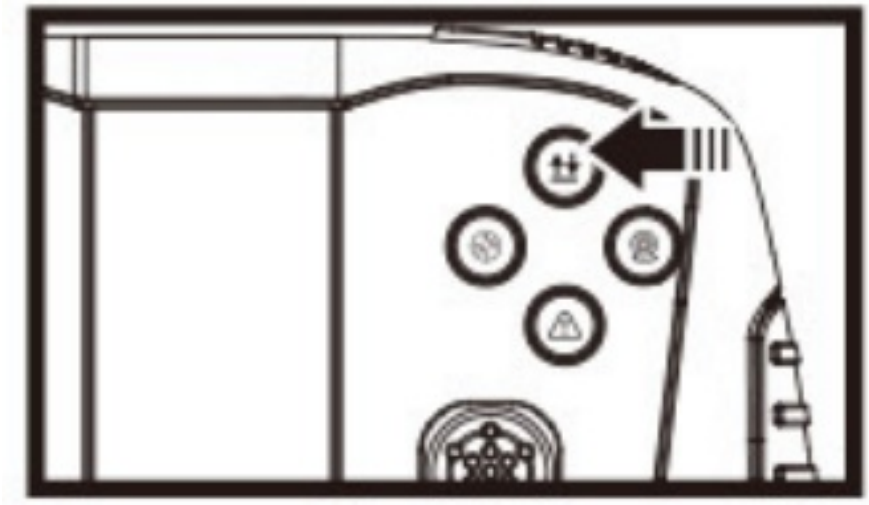
TURN OFF THE QUADCOPTER

Method One:
Push the left joystick(Accelerator) to the lowest level an hold there for 2 to 3 seconds , the quadcopter can then be turned off.

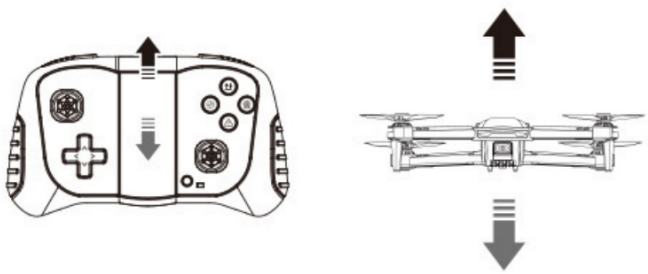
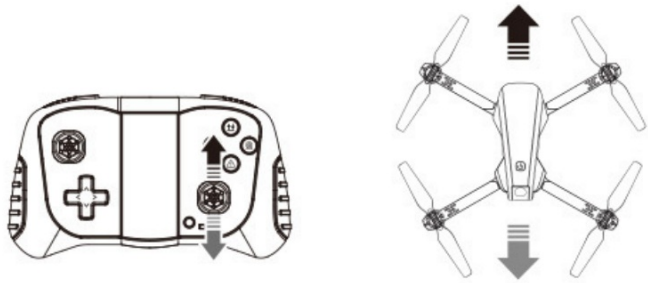
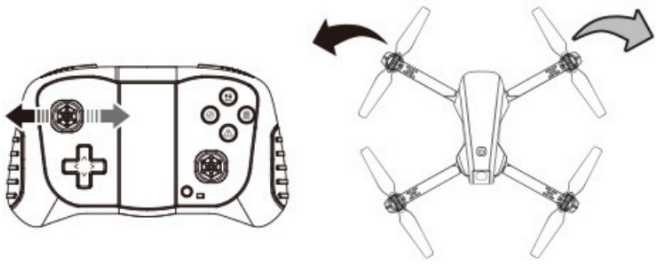
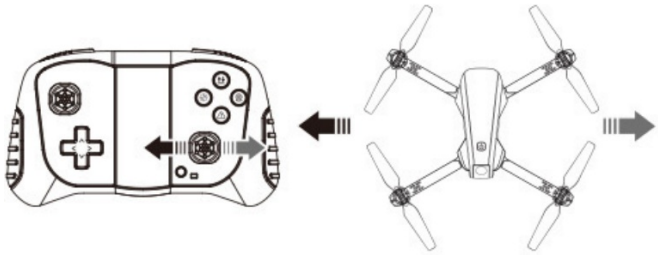


Method Two:

When the quadcopter is in flight, press and hold the one-key down button.The quadcopter slowly descends to the ground and turns off the quadcopter



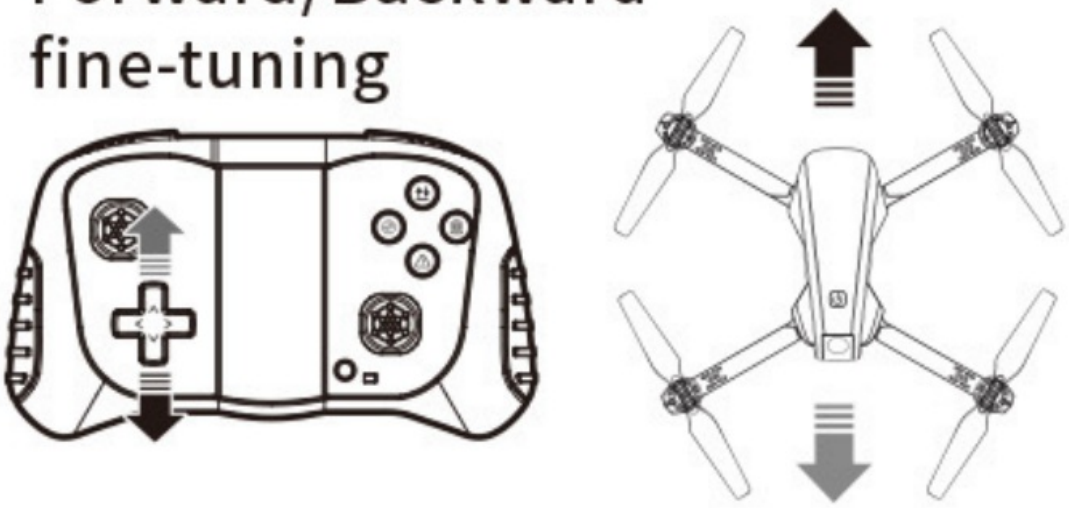
QUADCOPTER OPERATION INSTRUCTIONS

 Push the accelerator up or down; the quadcopter flies upward or downward.	 Push the direction control stick up or down, the quadcopter flies upward or downward.
 Push the accelerator left or right, the quadcopter turns to left or right.	 Push the direction control stick left or right, the quadcopter flies to left side or right side.

FINE-TUNING OPERATION INSTRUCTIONS

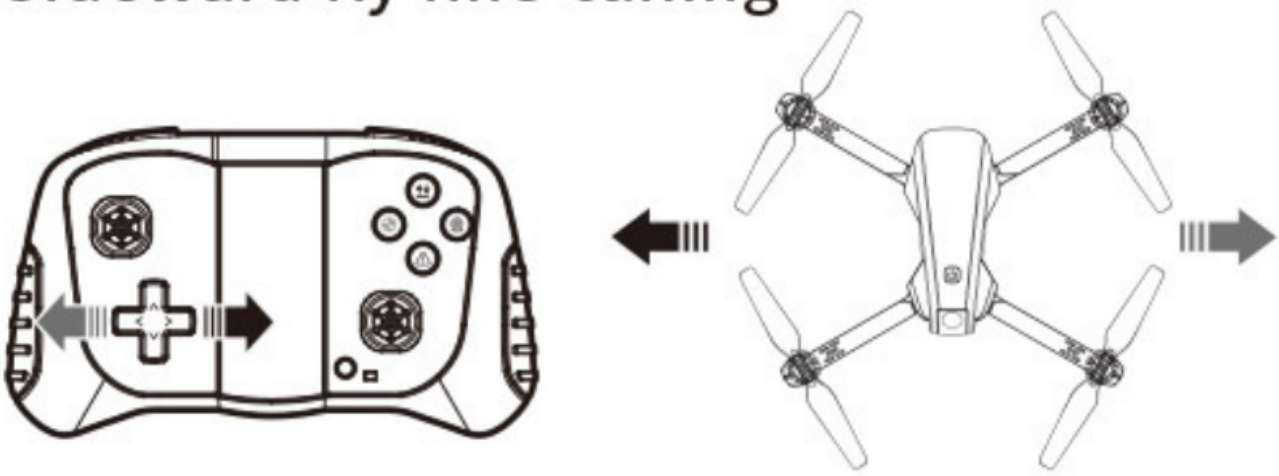
When the quadcopter keeps flying forward / backward, you can correct it by pressing fine-tuning button down/ up.

Forward/Backward fine-tuning



When the quadcopter keeps flying to left / right side, you can correct it by pressing fine-tuning button right / left.

Sideward fly fine-tuning



EMERGENCY STOP

1. When the aircraft encounters an emergency during flight, long press the remote control “emergency stop” function key to make the aircraft stop urgently to avoid injury.
2. After the aircraft emergency stop, the indicator light flashes and needs to be re leveled. See page 4 (horizontal calibration) for details.

ONE TOUCH TAKEOFF/ LANDING

1. After the aircraft is unlocked, press the “one button take-off” button on the remote control, and the aircraft will automatically rise to an altitude of about 1.2m and hover.
2. When the aircraft is flying at high altitude, press the remote control “one button landing” button, and the aircraft will land slowly. During the descent, the aircraft can be controlled by the right joystick to land to the designated place, and the propeller stops rotating.

HIGH AND LOW SPEED SWITCHING

During the flight of the quad copter, the flight speed can be switched by pressing this button while it forward, backward, turn left and turn right.The quadcopter speed defaults to a low speed.Press this button once to switch to medium speed.

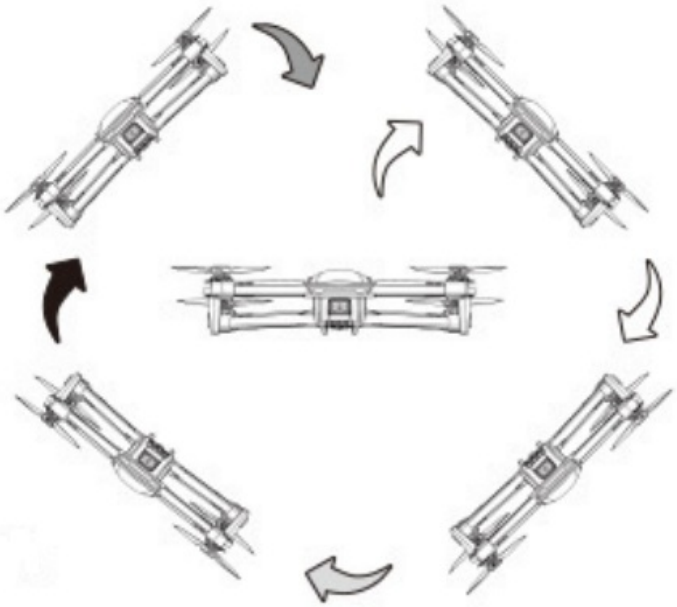
At the same time, the transmitter buzzer beeps twice. Press the button again to switch to high speed.At the same time, the transmitter buzzer beeps three times.

One more pressing turn back to low speed and beep once.

3D EVERSION

Briefly pressC!)the 3D eversion, the remote control buzzes and makes a drip sound, push the right operating lever, and the aircraft rolls with the pushing direction. At the same time, the sound disappears and enters the normal mode.

Note: When the battery is fully charged, the rollover effect is the best.There is noway to roll under the status oflowelectricity.

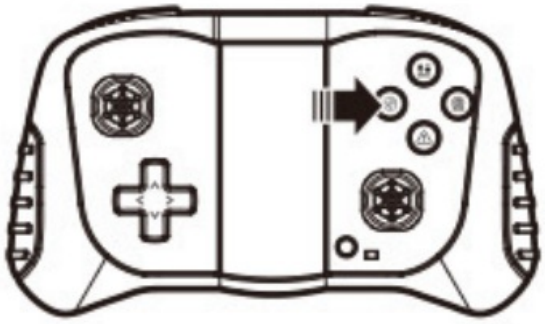


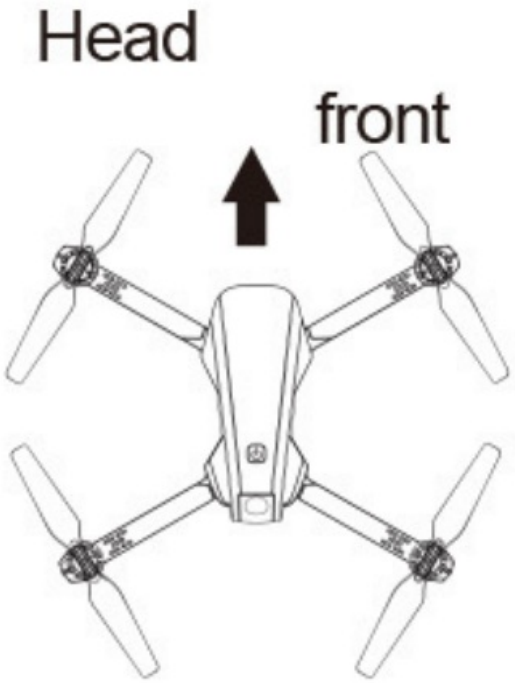
LOW BATTERY MODE

During the flight, the aircraft indicator flashes slowly, and the remote control keeps beeping,indicating that the battery is low.Need to end the flight.

HEADLESS MODE INSTRUCTIONS

When taking off, the remote control must be facing the tail of the Drone. After taking off, press the remote control “headless mode” button to enter headless mode.
The light of the fuselage flickers, and the remote control buzzer makes a beep.Then press the button of headless mode to exit head less mode.





Note: When the direction of the remote control changes, you need to recalibrate the headless.

ONE KEY RETURN

Long press the “one key return” button, and the aircraft will fly parallel and backward along the original take-off path. Long press the button again to exit the return mode. This function can be interrupted by the back and forth action of the right joystick during the return process.

REMOTE CONTROL PHOTO/VIDEO

1. When we short press the photo button on controller,the LED on the backside of drone flash 1 times.
2. When we long press the video button on conteoller, the LED on the backside of drone flash quickly, that means the drone is recording video. Long press again the LED on the backsiade of drone reminds on, that means the drone stop recording video.

RECTIFICATION PROCEDURES

Problem	Reason	Solution
The drone has no response	1. The drone has entered lint low v oltage protection. 2. When the power of the remote Control is weak, the power light indicator will blink.	1. Charge up the drone. 2. Change the batteries of the remote co ntrol.
The flight response of the dron e is not sensitive	The drone is not calibrated level to the ground.	1. Change the batteries. 2. Change to a place where there is no i nterference with the same frequency.
The drone is flying towards its side in one direction during ho vering.	1. The drone is not calibrated level to the ground.	1. Re-adjust the calibration until the dron e is level to the ground. For further de tails, see on Page 4 for details (Functi on of horizontal adjustment.)
In the headless state, it is bias ed towards the front direction	1. Many collisions may cause hea d biasness.	1. Re-define the front direction. For furth er details, see on Page 7 for details (Headless Function).
Fixed high instability / up and down movement	1. The drone is not calibrated level to the ground. 2. Unstable air pressure under the severe weather condition . 3. Violent collision resulting in data disorder of gyroscope.	1. Re-adjust the calibration until the dron e is level to the ground. For further de tails, see on Page 4 for details (Functi on of horizontal adjustment). 2. Avoid to fly under the severe weather condition. 3. Make horizontal adjustment again, se e on Page 4 for details(For further det ails).

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.

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

Documents / Resources

	Drones BJS20 4 AXIS Folding Drone [pdf] Instruction Manual BJS20, 2A8MFBJS20, BJS20 4 AXIS Folding Drone, 4 AXIS Folding Drone, 4 AXIS Drone, Folding Drone, Drone

Manuals+,