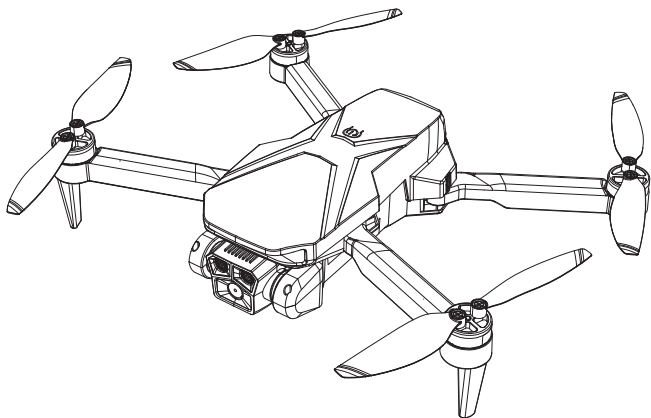


INSTRUCTION

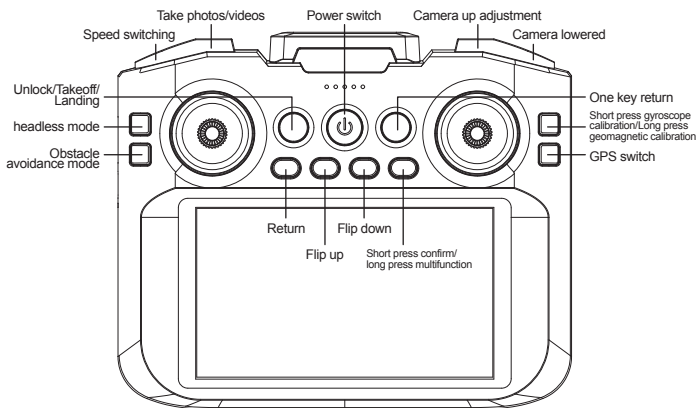
DRONE WITH GPS POSITIONING



Thank you for your purchase of this product. Please read the Operation Instruction carefully and conduct operation and usage according to the Operation Instruction. Please keep this User Manual for your reference when conducting daily maintenance and adjustment.

Remote Control Instructions

Remote control functions



⚠ WARNING

In order to ensure the electromagnetic environment requirements for aeronautical radio navigation stations, it is forbidden to use various remote control and drones within 10 km on both sides of the airport runway center line, 20 km from both ends of the runway, on civil aviation's air routes or air line. During the period of the management of radio operation orders by the relevant state departments, the various remote control and drones shall be stopped as required.

DISCLAIMER AND SAFETY INSTRUCTIONS

In order to make it easier and safer to use this product, please read all the contents of this manual carefully before using this product, and save this manual for future reference.

DISCLAIMER

- 1.In order to protect the legitimate rights and interests of users, please carefully read the instructions, disclaimers and safety instructions provided with this product before using this product.
- 2.This product is not suitable for people under the age of 14. People under the age of 14 need to use it under the supervision and guidance of adults with aircraft flight experience.
- 3.Once you start using the product, you are deemed to have read, understood, recognized and accepted all terms and contents of the product's instructions, disclaimers and safety instructions.
- 4.In the process of using this product, please be sure to strictly abide by and implement the requirements including but not limited to the instructions and safety instructions. For all personal injuries, accidents, property losses, legal disputes and all other adverse time resulting in conflict of interest caused by using behaviors or irresistible factors in violation of safety instructions, the user shall bear relevant responsibilities and losses, and the company will not bear any responsibilities.
- 5.The company will not be liable for any direct or indirect violation of laws and regulations caused by the user's use of the product.

SAFETY INSTRUCTIONS

- 1.This product is not suitable for people under the age of 14 and other people without full civil capacity.
- 2.The product has high-speed rotating blades and powerful flight power, and has certain danger in operation. Do not approach or touch the product while it is working.
- 3.When using this product, please keep away from dangerous environment such as airport, railway, highway, high building, electric wire, etc.
- 4.When using this product, please keep away from the high electromagnetic interference environment such as mobile base station, high-power transmitting equipment, etc.
- 5.When using this product, please keep away from all kinds of manned aircraft.
- 6.Please do not use this product in rain, thunder, dust, fog, snow, strong wind, low temperature and other harsh environment
- 7.This product is non waterproof design, please do not operate this product near the water area.
- 8.When operating this product, please always keep a safe distance of about 10 meters between the aircraft and people or animals.
- 9.Always keep the aircraft flying within the operator's visual range.
- 10.Do not hover or fly over the crowd, please don't take pleasure in frightening others
- 11.Do not operate this product near the place where children play.
- 12.Do not use this product to chase vehicles or affect the normal operation of vehicles.
- 13.Do not turn off the aircraft when the product is flying in the air without emergency.
- 14.This product can not be used under the circumstances of drinking, fatigue, taking drugs, physical discomfort, etc.
- 15.Please check the product before each use, including but not limited to the firmness of parts, cracks and wear of engine body and propeller. Battery capacity, validity of indicator, etc. In case of any abnormality, please stop using and replace the corresponding accessories immediately.
- 16.The aircraft in abnormal working condition may have accidents. Do not start the blade or barely fly.
- 17.Do not attempt to block any moving parts in the operation of this product.
- 18.Do not modify this product or use it for non original design purposes.
- 19.Do not operate this product in the no fly zone of laws and regulations.
- 20.Due to the variety of materials used in the aircraft, high temperature will damage the internal structure of the aircraft, and lead to unpredictable consequences. Therefore, please keep the aircraft away from the heat source and avoid exposing to direct sunlight for a long time.
- 21.Please follow the product instruction manual.
- 22.Please use original accessories for maintenance and replacement.
- 23.Please make sure that other operator understands and abides by the safety instructions.

24. Do not mix different types of batteries.
25. Do not use expanded, leaking or damaged batteries.
26. Keep away from inflammables when charging the battery (such as blankets, solid wood furniture, wooden boards, etc.)
27. Please use the original charging line. Do not use other brands or damaged charging lines.
28. Please keep a safe distance from the high-speed rotating blades to avoid the risk of strangulation and cutting.
29. Do not use the aircraft close to the ear! Misuse may cause hearing loss.
30. Aircraft should be used as far away from other electrical equipment and magnetic objects as possible, which may cause mutual interference.
31. Please do not short circuit or squeeze the battery to avoid explosion.
32. The motor is a hot part. Please do not touch it to avoid scalding.

CHARGING PRECAUTIONS

1. There are certain risks in using lithium battery, which may cause significant losses to people and property. Please use it carefully and bear all relevant responsibilities by yourself.
2. If the battery leaks, avoid contact with skin and eyes. If you touch the skin, please wash it immediately with soap and clear water. In case of contact with eyes, wash immediately with plenty of water and see the doctor immediately.
3. If the charger emits odor, noise or smoke, please unplug the power supply immediately.

CHARGING INSTRUCTIONS

1. Please use the original special charger for charging. Do not use damaged or other brand chargers.
2. Do not charge batteries that are swollen, leaking or damaged.
3. Do not overcharge the battery. Once the battery is fully charged, please dial out the charger.
4. Do not charge on the surface near inflammables (blankets, wood floor, solid wood furniture, etc.) or conductive objects. Please keep the battery in the view range when charging.
5. Do not charge the battery immediately after using the product and wait for the battery to cool down for 10-15 minutes.
6. The charging temperature of the battery should be between 0 ℃ and 40 ℃.

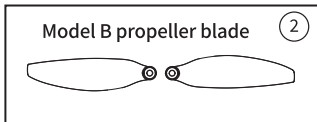
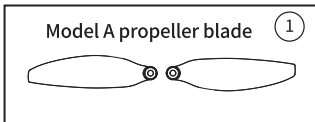
RECOVERY

The device consists of electronic components and batteries. For electronic waste, please carry out special treatment according to the local waste treatment requirements.

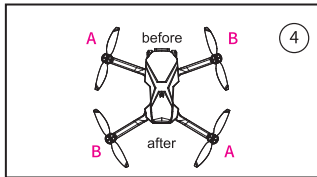
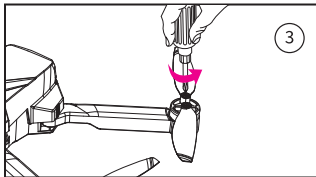
Installing the Propellers

The Drone comes with replaceable propellers if the originals are broken or badly damaged.

1. When installing for the first time, please carefully distinguish the propellers type.



2. Referring to Figure 3, insert the groove of propeller opener into the bottom of propeller which needs to be replaced. And press the handle of the opener to take down the propeller.

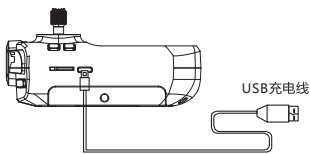
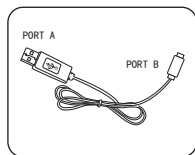


3. Referring to Figure 4, distinguish between type A and type B propellers, and press the propeller vertically to install them on the motor shaft. The mark can be found on the rotor. It is extremely important to use the correct propeller (A or B) for replacement. Using the incorrect propeller will make the drone out of control.

Battery Installation and Charging Instructions

The remote control has a built-in battery

As shown in the figure, connect the charging port on the bottom of the remote control correctly according to the interface B of the charging cable, and connect the power supply on the A side of the charging cable.



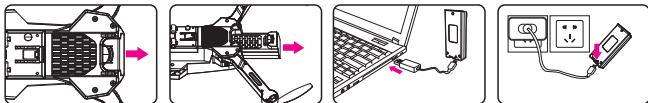
Aircraft Battery Charging

Charging time is about 150 minutes

1. Remove the battery from the aircraft body;
2. Connect the battery to the dedicated charging cable, then plug the charging cable into a computer USB port or other charging device
3. When charging, the red light is on; when fully charged, the red light goes out.

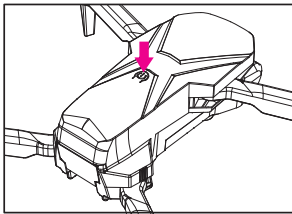
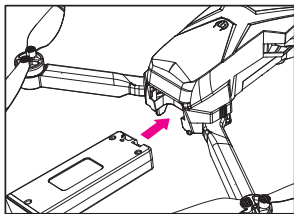
Drone batteries

USC charging cable



Installation and Start-up of Aircraft Batteries

Insert the fully charged battery into the battery slot of the aircraft, hold down the power switch until the aircraft light turns on.



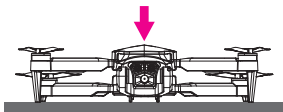
First Using and Return

Place the aircraft on a horizontal surface, start the remote controller and the aircraft power separately. When the indicator light on the remote controller is constantly on, the remote controller is successfully connected to the aircraft, and at this time, the remote controller can control the aircraft.



Power on, automatically tune to the frequency.

Power on



2. Gyroscope Calibration and Magnetometer Calibration:

- 2-1. Short press the button as shown in the diagram for 1 second, wait for 5 seconds for the gyroscope to automatically complete the calibration (the aircraft must be placed on a level surface).
- 2-2. Long press the button as shown in the diagram for 3 seconds, the aircraft enters the magnetometer calibration program. At this time, lift the aircraft off the ground and rotate it in the direction shown in the diagram (2-2) for 3-5 turns, until the remote controller emits a "beep" sound.
- 2-3. Stand the aircraft upright, rotate it in the direction shown in the diagram (2-3) for 3-5 turns, until the remote controller emits a "beep" sound, indicating the completion of the magnetometer calibration.



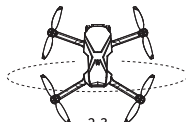
2-1

Gyroscope calibration (short press)
Magnetometer calibration (long press)



2-2

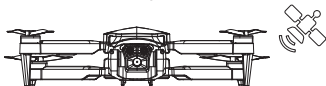
Horizontal calibration, aircraft
rotates horizontally 3-4 times



2-3

Vertical calibration, aircraft stands up
and Rotates forward 3-4 times.

3. Drone GPS positioning: This process takes 2-3 minutes and needs to be completed in a spacious outdoor environment for GPS positioning to be successful. Once the aircraft is positioned successfully, the remote controller will emit a "beep" sound, and all indicator lights underneath the drone will remain on steadily.



The aircraft is placed in an open outdoor location,
waiting to receive GPS satellite signals, to locate
the current position of the drone.

- 3-1. If the aircraft needs to fly indoors or in environments with weak GPS satellite signals, it needs to turn off the GPS positioning mode. Press and hold the button shown in the figure (3-1) for 3 seconds to complete the mode switch and use the drone.

Caution: In this mode, the drone lacks GPS positioning signal, and the drone cannot automatically return!



3-1

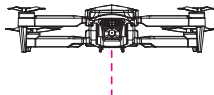
4. Press the "One-Key Start" button, and the aircraft motor starts to rotate at low speed.



5. Push the throttle lever forward to accelerate the aircraft's ascent.
(Suggested ascent to no less than 2 meters for safety)



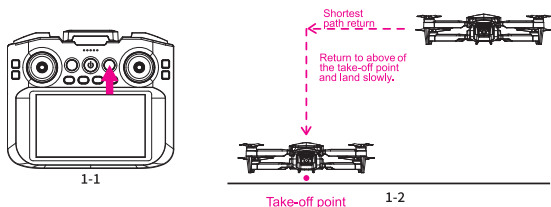
Take-off procedure



One - key Return

One-key return : When the drone needs to return to the take-off point, long press the button as shown in the figure (1-1) for 3 seconds, and the drone will return along the route shown in figure (1-2) and land at the takeoff point (with an error of about 3 meters).

Caution: Check for obstacles on the return path. If obstacles are encountered, pressing the return key again can cancel the return.



Due to safety protection settings, when the drone's battery is low, the drone will automatically return to the take-off point within a 30-meter diameter range.

Forced landing: When the drone's battery no longer supports flight, the drone will land forcibly at the takeoff point.

Basic operation

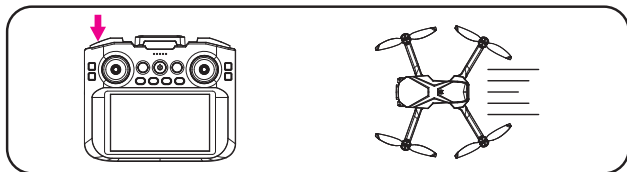
REMOTE CONTROL	DRONE	FLOW
	 Fly upward  Fly downward	Push left control lever forward, the drone ascends vertically. Pull left control lever rearward, the drone descends vertically.
	 Spin clockwise Spin anticlockwise	Push left control lever rightward, the drone spins clockwise. Push left control lever leftward, the drone spins anticlockwise.
	 Pitch forward Pitch backward	Push right control lever forward, the drone pitches forward. Pull right control lever rearward, the drone pitches backward.

REMOTE CONTROL	DRONE	FLOW
	 Roll leftward Roll rightward	Push right control lever rightward, the drone rolls rightward. Push right control lever leftward, the drone rolls leftward.

Other flight function operations

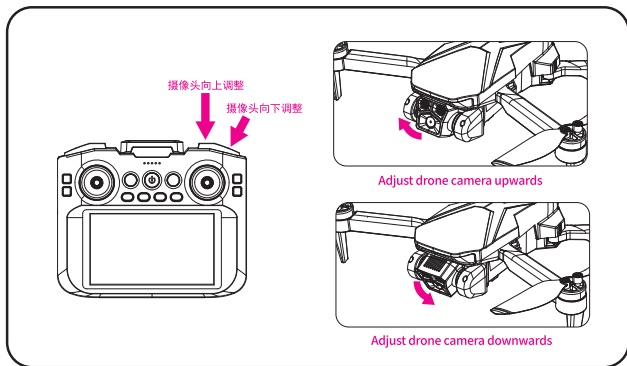
Speed Mode Switch

Press the buttons as shown in the diagram to control the speed of the drone, with 3 adjustable speed levels.



Camera adjustment

Press the buttons as shown in the diagram to adjust the camera angle up or down.



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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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