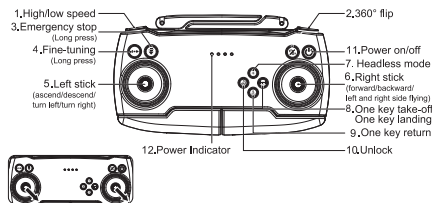


INSTRUCTION MANUAL

1.REMOTE CONTROL FUNCTION KEYS & NAME DESCRIPTION



Gyro calibration

Serial Number	Function keys / Names	Function / Effect
1	High/low speed	Adjust the aircraft left / right / forward / backward / left / right side fly speed.
2	360° flip	This button is for 360 degree flip function , control the aircraft achieve the 3D flip function.
3	Emergency stop	Long press this button to make the aircraft drop quickly.
4	Fine-tuning	Long press the fine adjustment key to control the direction joystick to make fine adjustments to make the aircraft stable.
5	Left stick	Up/down, left/right turn 360° rotation.
6	Right stick	Forward/backward/left and right side flying
7	Headless mode	Short press into Headless Mode
8	One key take-off/Landing	Touch this key increase the height of the aircraft. In normal flight, touch this key again and the aircraft will slowly land on the ground.
9	One key return	Touch this key to enter the one-key return function, touch this key again to cancel the function
10	Unlock	Touch this key to unlock the aircraft and start the motor.
11	Power ON/OFF	Press once to power on the remote control and press again to disconnect the power.
12	Indicator	1) Indicating lamp intermittent flicker: said remote controller has not started, to the throttle stick to push to the top end, and then drag the low-end before they can start remote controller. 2) Indicating lamp kept fast flash: said remote controller in on code state, with the receiver for code. 3) Indicator light: remote controller in flight control state.

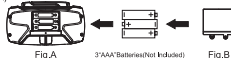
2.REMOTE CONTROL BATTERY INSTALLATION

2.1 Remove the battery cover from the back of controller (Fig. A)

2.2 Install 3 "AAA" batteries into the controller, make sure to install batteries to their correct polarity. (Fig. B)

Do not mix old and new batteries or battery types.

2.3 Replace the battery cover



2

3.DRONE LITHIUM BATTERY CHARGING INSTRUCTIONS

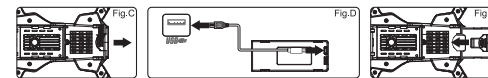
3.1 Press the drone's rear battery module and pull the lithium battery module out of the drone battery compartment.(Fig.C)

3.2 Plug the USB charging cable into the USB power socket, and then connect the other end to the charging socket of the Li-ion battery module; when charging, the LED light is red, and when charging is finished, the LED light will automatically turn off, and the charging time is about 90 minutes.(Fig.D)

3.3 After charging is complete, insert the lithium battery module into the battery slot as shown below.(Fig.E)

⚠ **Special note:** Please fully charge the battery before flying.

⚠ **Low-pressure warning tips:** When the drone enters the low-pressure alarm, the body light will flash slowly. At this time, it indicates that the drone has been exhausted and needs to fly back immediately.



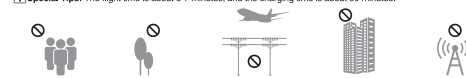
Attention:

1. Make sure the voltage of the USB charger fits the local electricity supply. (Keep the battery in a cool place to avoid exposure)
2. The Charging plug will overheat if overcharged. Please stop charging immediately as it may cause damage to the battery.
3. Do not leave the battery aside when charging.
4. Do not use other chargers other than the one supplied in consideration of safety.
5. Recharge the battery 30 minutes later after flying, because the battery temperature could be too high when flying and charging immediately could damage the battery.
6. The drone needs to take out the battery when not in use and store it at 80% to extend battery life
7. Do not leave the battery in the fire in consideration of safety.
7. Do not short circuit the battery. Do not leave the battery together with tiny metal parts in consideration of safety.

4.PRE-FLIGHT ENVIRONMENTAL REQUIREMENTS

Please choose an outdoor environment with no rain or snow, wind less than level 4. Please stay away from people, trees, power lines, tall buildings, airports and signal towers.

⚠ **Special Tips:** The flight time is about 6-7 minutes, and the charging time is about 90 minutes.



5.PREPARATION BEFORE FLIGHT

5.1 Drone frequency

1. Install the drone battery and the remote control battery, turn on the drone power switch, and the body lights up and then put it on the level ground.
2. Turn on the remote control power switch, the light on the aircraft body turns steady on, indicating that the remote control is successfully linked.

(Important note: the product must be operated in steps, otherwise it is easy to contact and control badly.)



3

5.2 Calibration of gyroscope operation

After the drone and the remote control have successfully matched the frequency, the drone can be corrected, and the throttle lever and the direction control lever are simultaneously hit to the lower right corner. At this time, the indicator light of the drone flashes rapidly, and the indicator light is always on, and all the buttons of the remote controller are released. The calibration is complete.

⚠ **Special Tips:** If the drone takes off and flies, it can also be corrected by correcting the gyroscope.



⚠ **Note:** Correction should be done at the horizontal level.

5.3 Drone unlock

Drone needs to unlock before flying, turn the left and right joysticks of remote controller outward simultaneously and then return (Fig.2). At this time, the four propellers are at the same time. Speed rotation indicates successful unlocking. When unlocking is completed, the drone can operate normally.



Fig.1



Fig.2

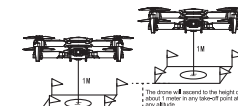
5.4 One key take off and landing

When the unlocking is completed, press the function button of the remote control (Fig. 3) again, the drone will automatically rise to a height of about 1 meter to keep the altitude flying smoothly; when the button is used for the takeoff/landing icon, the drone will automatically land slowly.

⚠ **Note:** One key landing must land on a horizontal plane, because a fixed-height function landing on a horizontal surface will cause the drone to fly and fly.



Fig.3



⚠ **Flight step prompt:** frequency(5.1) → gyroscope correction(5.2) → unlock(5.3) → one key take off/one key landing(5.4)

6.CONTROL METHOD



When the left joystick (throttle) is pushed upward, the main wind blade speed increases and the drone rises.
When the left joystick (throttle) is pushed down, the main wind speed slows down and the drone drops.

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Thank you for purchasing our products. In order to use them properly and ensure your safety, please read this instruction manual carefully before using the products, and please keep them in a safe place for future reference.

1

9.HEADLESS MODE

9.1 Startup and setup

In front of the drone when the power is turned on, the default is the front of the headless mode. If the impact or the front of the light is biased, please restart the drone and adjust the direction you need to perform the frequency after the frequency is successful, the machine The head direction is the front of the headless mode. When the headless mode button is pressed (Fig.5), the drone body light flashes and enters the headless mode.

9.2 Exit headless mode

Press the headless mode button again (the remote control emits a "Di~"), the body light turns on constantly, and the headless mode is exited.

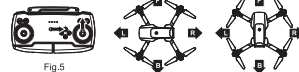


Fig.5

As shown in the above figure, in the headless mode state, no matter which direction the drone head is turned, the remote control direction lever is pushed forward, and when the drone is turned on, the head moves in the direction of the head.

10.ONE KEY RETURN

When the drone is flying farther away, the drone can be recalled using the return function. During the flight, long press the home button for 3 seconds to start the Return. After starting the home, the drone to the start of the frequency of the end of the other side to return, the return process, the right joystick before and after the action or long press the home key 3 seconds, cancel the Return.

11.ONE KEY EMERGENCY

When the drone collides during flight and cannot be controlled, please use the emergency stop function button to realize the emergency stop. It is not available under normal conditions.

12.ONE KEY 360° FLIPS

The drone can make a 360° flight through the rocker operation below. In order to perform the tumbling function better, please ensure that the drone is fully charged and maintains a height of about 1.5 meters with the ground. It is best to operate the drone for tumbling during the ascent, so that it is easier to maintain the height after the drone is tumbling. When the battery is low, the roll will show height or roll. Please charge it in time to experience more flying fun.

12.1 360° flips on the left

Short press the flips button, then push the right joystick to the left, and the drone will turn 360° to the left.



12.2 360° flips on the right

Short press the flips button, then push the right joystick to the right, and the drone will turn 360° to the right.



12.3 Roll forward 360° flips

Short press the flips button, then push the right lever up and the corresponding front side of the drone will turn 360°.



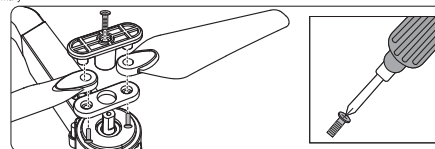
12.4 Roll back 360° flips

Short press the flips button, then push the right lever down and the corresponding side of the drone will turn 360°.

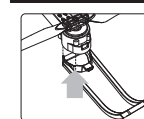


13.MAIN BLADE INSTALLATION

Please unscrew the screws to open the two fan blades and the connecting parts as shown in the figure below. Remove the fan blades and replace them. Make sure all propellers are installed in the correct orientation; if the installation is wrong, the aircraft will not be able to fly normally.



14. PROTECTION RING INSTALLATION



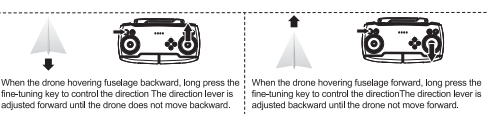
The aircraft is equipped with 4 rotor guards/rails. It is recommended that you install guards/rails to prevent damage or damage to the rotors. If you need to install or remove guards/rails, just press or dial out the corresponding position of the guard/rail according to the figure below.
⚠ **Note:** These rotor guards/rails are identical and can be mounted on any arm of the aircraft.

15.COMMON PROBLEM SOLVING GUIDELINES

Problems	Reasons	Solutions
No response to the drone indicator flicker	1.The drone and the remote are not successful 2.Low power	1.Re-frequency the drone and remote control(5.1) 2.Charge the battery(3)
The drone blades turn but can't fly	1.insufficient battery power 2.Blade deformation	1.Charge the battery(3) 2.Replace blade(13)
The drone vibrates badly	Blade deformation	Replace blade(13)
Tweaked to the end but still can't smooth the drone	1.Blade deformation 2.Poor motor	1.Replace blade(13) 2.Replace the motor
The drone was launched again after the crash, but not stable	The sensor is out of balance because of the crash	After the aircraft is placed for 5-10 seconds, or by correcting the gyroscope, it will be fine(5.2)
One motor does not turn	Motor stuck	1. Clean up foreign objects rolled up by the blades 2. Gently dial the blade upwards, restart and correct the gyroscope and take off (5.2)

7. TRIMMING FUNCTION

If the drone does not push the rudder lever during flight and is still spinning or flying in the air, you can use the fine adjustment function to adjust the rudder. The operation is as follows:



When the drone hovering fuselage backward, long press the fine-tuning key to control the direction The direction lever is adjusted forward until the drone does not move backward.

When the drone hovering fuselage forward, long press the fine-tuning key to control the direction The direction lever is adjusted backward until the drone not move forward.



When the drone hovering fuselage to the left, long press the fine-tuning key to control the direction The stick will be fine-tuned to the right until the drone will not move to the left.

When the drone hovering fuselage to the right, long press the fine-tuning key to control the direction The stick will be fine-tuned to the left until the drone will not move to the right.

8. SPEED SWITCHING

Speed switching: "Di~" is the low speed mode, "Di-Di~" is the medium speed mode, and "Di-Di-Di~" is the high speed mode.(power on default low speed mode)

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FCC WARNING

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

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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .

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.