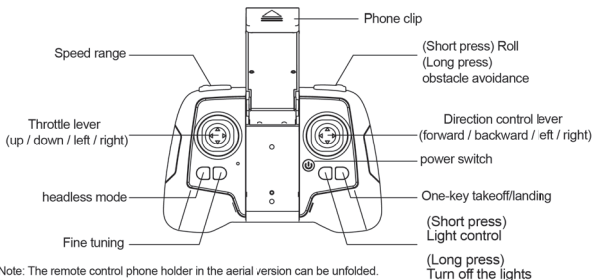


Toy Drone Manual

REMOTE CONTROL OPERATING INSTRUCTIONS

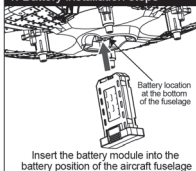


Note: The remote control phone holder in the aerial version can be unfolded.
Remote control phone clip without aerial photography cannot be unfolded

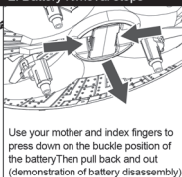
Battery Installation, Removal and Charging Instructions

1. To install the battery at the bottom of the aircraft, insert the battery module into the battery position of the aircraft fuselage (as shown in Figure 1)
2. To disassemble the battery at the bottom of the aircraft, press the position indicated by the arrow to pull out the battery and take out the battery (as shown in Figure 2)
3. After removing the lithium battery at the bottom of the aircraft, connect the lithium battery to the charging cable, and then connect the USB port to the computer USB interface or a power adapter with a USB interface for charging. When charging, the battery indicator light is always red, but when fully charged, the indicator light turns off. Charging time is about 120 minutes

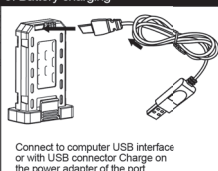
1. Battery installation steps



2. Battery removal steps



3. Battery charging



Remote control battery installation

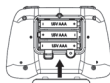
1. Remove the battery cover on the back of the remote control, and then refer to The electrode indication of the battery, correctly install 3 x 1.5V "AAA" battery



Loosen the screw with a screwdriver Remove the battery cover



Three 1.5V "AAA" batteries required (no delivery, need to buy separately)



Cover the battery cover and tighten the screws with a screwdriver

Precautions related to battery

- there are certain risks in the use of batteries, which may cause significant losses to people and property. The user shall bear all relevant responsibilities. Manufacturers and dealers do not The use of (charging, discharging, storage, etc.) for control and not for personal and Liability for loss caused by property
- if the battery leaks, avoid contact with skin and eyes. In case of contact Wash skin with soap and water immediately. In case of contact with eyes, please immediately Wash with plenty of cold water and get medical attention immediately.
- if the charger has suspicious odor, noise or smoke, please unplug the power supply immediately.
- please strictly observe the following requirements, otherwise it will cause fire, electric shock or explosion

Charge

- the battery must use the special charger distributed by the original factory. It is strictly prohibited to use damaged or damaged charger for charging Its charger
- do not charge the expanded, leaking or damaged battery
- do not overcharge the battery. When the battery is fully charged, please unplug the charger. After charging, do not recharge the battery to avoid overheating.
- do not be near inflammables or in inflammable (carpet, wood floor, sold wood furniture, etc.) or guide Charge the surface of an electric object. Always observe the battery.
- do not charge the battery immediately after use.
- the temperature of battery charging shall be between 0°C and 40°C .

Recycle

- do not treat the equipment as daily waste. Damaged or unusable batteries should be stored In a specially designed container.
- this equipment consists of electronic components and batteries. Please refer to the special Requirements of.
- please be familiar with the local centralized waste treatment methods.

PACKAGE DESCRIPTION

The product is packed with the following items

- Aircraft
- Remote control
- manual
- Wind blade
- Screw driver
- USB charging cable



REMOTE CONTROL AND AIRCRAFT FREQUENCY SYNCHRONIZATION

After long pressing and turning on the power switch of the remote control and aircraft, wait for the remote control and aircraft to automatically synchronize. When the power indicator light on the remote control and aircraft changes from flashing to permanently on, it indicates that the synchronization is complete.



start up

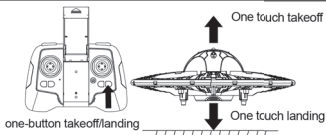
1. Short press the one-key takeoff button, the aircraft rises to a height of 1.2-1.5M, and hovers at this height.
2. Push up the throttle control stick, the propellers of the aircraft will start to rotate, release the throttle control stick, and then push up the throttle control stick, the aircraft will rise to a certain height. Release the throttle control stick, and the aircraft will hover at this altitude.

Gyroscope calibration

Place the aircraft on a level ground, push the throttle lever and directional lever towards the lower right corner at the same time, and the aircraft indicator light will flash. After waiting for 3 seconds, the indicator light will remain on, indicating that calibration is complete.

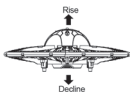
One-key takeoff/landing

Press the one-button takeoff/landing button, The aircraft can take off/land.



Aircraft Function Demonstration

Important Note: the direction of the aircraft with the camera is the forward direction, And vice versa is the backward direction.



When the left control lever (throttle) is pushed upward, the blade speed increases and the aircraft rises.
When the left control lever (throttle) is pushed down, the speed of the wind blade slows down and the aircraft descends.



Push the left control lever (rudder) to the left and turn the aircraft nose to the left.
Push to the right and turn the aircraft nose to the right..



When the right joystick (rudder) is pushed up, the aircraft moves forward.
When the right control lever (rudder) is pushed down, the aircraft moves backward.



When the right control lever (rudder) is pushed to the right, the aircraft body will fly to the right.
When the right control lever (rudder) is pushed to the left, the aircraft body will fly to the left.

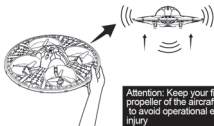
Kind tips

PUSH SLOWLY

Throttle joystick, when the aircraft leaves the ground and enters the air, if the aircraft is in Spinning in the air or leaning in different directions you can use the fine-tuning to correct the movement.

Hand throwing function

After turning on the power switch of the aircraft, place the aircraft on a horizontal surface, and the aircraft lights will change from fast flashing to slow flashing. Turn on the remote control for frequency synchronization, and the lights will remain on. Pick up the aircraft and throw it parallel, and the aircraft will hover at a certain height



Attention: Keep your fingers away from the propeller of the aircraft as much as possible to avoid operational errors that may cause injury

Light control

This product comes with various lighting changes, and different cool lights can be changed by short pressing the lighting control button! (Long press the light control button to turn off the light)

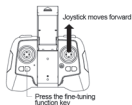


(Short: press)
Light control

(Long press)
Turn off the lights

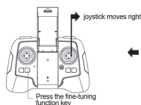
Enter fine-tuning

When the aircraft deviates during flight, you can use this function to fine-tune the flight attitude. When the aircraft deviates, press the fine-tuning button "di" and within 3 seconds after the "di" sound, turn the direction joystick in the opposite direction to fine-tune until the aircraft no longer deflects. In the fine-tuning mode, if no operation is performed within 3 seconds, it will automatically exit the fine-tuning mode, or you can press the enter fine-tuning button again to exit the fine-tuning mode.



When the aircraft is hovering, the fuselage is deflected backward, press the enter fine-tuning key, and the direction joystick Dial forward to fine-tune the aircraft to hover smoothly!

When the aircraft is hovering, the fuselage is deflected forward, press the enter fine-tuning key, and the direction joystick Dial backward to fine-tune the aircraft to hover smoothly!



When the aircraft is hovering, the fuselage is deflected to the left, press the enter fine-tuning key, and the direction joystick Dial to the right to fine-tune the aircraft to hover smoothly!

When the aircraft is hovering, the fuselage is deflected to the right, press the enter fine-tuning key, and the direction joystick Dial to the left to fine-tune the aircraft to hover smoothly!

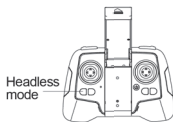
Note: When the aircraft is within 30cm from the ground, the aircraft will be affected by its own blades and become unstable. This is called "ground effect reaction" when the altitude of the aircraft is lower. The impact of ground effect response is greater.

Speed files (slow, medium, fast)

During the flight control process of the aircraft, the flight speed of the aircraft can be adjusted according to the proficiency of the control. The remote control defaults to the slow gear when it is turned on. Press the speed gear button, and the remote controller will make two beeps of "di, di", indicating that it has entered the medium speed gear. Press the key again to issue "di, di, di" Press three times to enter the fast gear, and press it again to make a "di" sound to switch back to the slow gear.

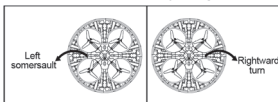
Headless mode

When the aircraft takes off, the direction in which the aircraft's nose is aligned is the default forward direction for activating headless mode. When flying to a certain altitude and unable to see the direction of the aircraft's nose clearly, you can press the headless mode button to activate the aircraft's headless mode. At this time, the direction in which the aircraft's nose is aligned during takeoff is flight



3D Rollover

When the basic movements in the front are already mastered very proficiently, you can try the more thrilling 3D rolling function. Transfer the aircraft After flying to a height of 3 meters, press the roll button, the remote control will make a "di" sound, and the control lever will be moved forward or left, The aircraft rolled to the left. Press the roll button and move the joystick back or right, then the aircraft will roll to the right without holding for 8 seconds If the operation is executed, it will be automatically restored. When the roll button is pressed and the directional lever is moved, the aircraft does not roll but the indicator light flashes twice, it indicates that the battery voltage is too low to perform any further rolling actions.



360 obstacle avoidance mode

When the aircraft is flying in a place with obstacles, you can press the obstacle avoidance button, and the aircraft will enter the 360 obstacle avoidance mode. In obstacle avoidance mode, when the infrared obstacle avoider of the aircraft detects obstacles in the front/rear/left/right, The aircraft will brake in time. When it is detected that the distance to the obstacle is too close, the aircraft will bounce a short distance to the opposite direction of the obstacle to ensure the safe flight of the aircraft.

(It is recommended to turn on the obstacle avoidance function in indoor spaces with a length and width of 6 meters * 6 meters or more)

Pre-flight Environment

1. Flying indoors: Please choose a spacious place with no obstacles, pets and people nearby to fly
2. Flying outdoors: Please choose to fly in warm, sunny and windless or breezy weather.
 - ① Do not fly in weather with extreme temperature: flying in overheated or overcold weather will affect the flight effect or damage the model.
 - ② Do not fly in strong winds, as strong winds may cause the aircraft to disappear or be damaged.

Precautions

1. When the power of the remote control or the aircraft is low, the remote control distance will be affected.
2. If the battery of the aircraft is insufficient, the flying height may be insufficient or it may be difficult to take off.
3. If the aircraft is damaged or deformed, please repair it in time. If the rotor is broken or damaged, please do not fly, otherwise it will cause injury.
4. Please take out the battery of the remote control if it is not used for a long time, so as to avoid damage to the product caused by liquid leakage.
5. Do not let the aircraft crash at high altitude or collide severely, which will damage the aircraft or shorten the life of the aircraft.

Problem solving and guidance

Problem	Reason	Processing Method
Remote control does not have power	1. The power switch is not turned on	1. Press the switch to turn on the power
	2. The battery is not put in according to the correct electrode instructions	2. Check and make sure that the battery is put in according to the positive and negative electrodes indicated by the battery box
	3. The battery is exhausted	3. Replace the battery
The aircraft didn't respond	1. Frequency matching between remote controller and aircraft is not completed	1. Turn on the power supply of the aircraft and the remote control again, and align the frequency again.
	2. When the aircraft enters the low-pressure protection, the indicator light of the aircraft will flash	2. Charge the aircraft
Aircraft flight state deviation	1. The aircraft is not placed on the horizontal plane	1. Place the aircraft on a horizontal plane
	2. The aircraft flies to one side	2. Adjust the remote control trim key
The remote control of aircraft is not sensitive	1. The remote control is under power	1. replace the remote control battery
	2. Aircraft beyond remote control distance	2. Keep the aircraft within the effective remote control distance

FCC Caution:

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.