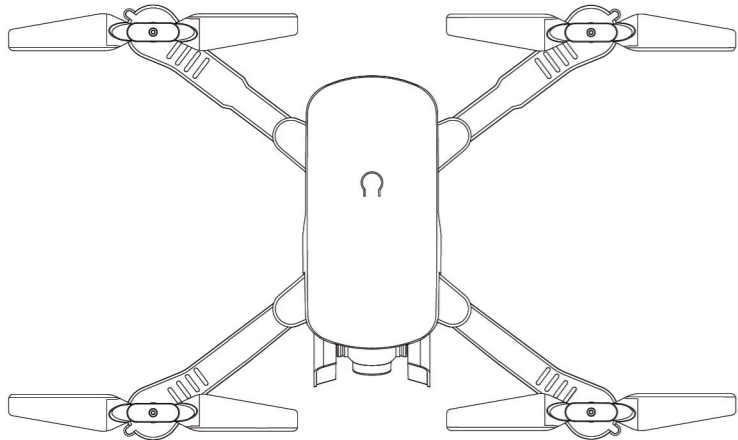
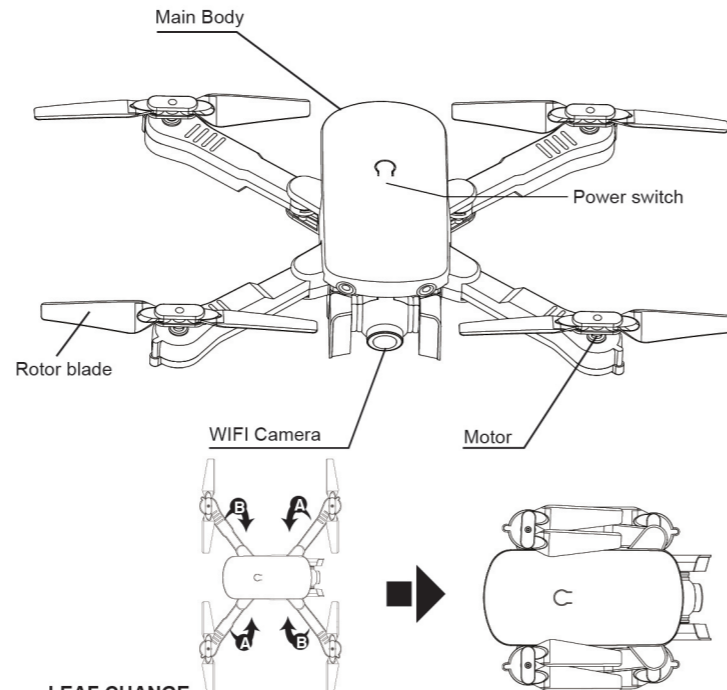


# Uav operation guide



**FORBIDDEN** Special despecial design for indoor & outdoor, please keep it away from obstacle. This product is suitable for indoor (the wind grade should be no more than 4), please choose a place without obstacle, and keep distance from crowd and pets, don't play it under unsafe, for instance, heat source, heat source, wire or electronic power source in order not to be damaged by collision landing, entanglement and lead to a fire, electric shock and cause losses of lives and property.

**WARNING: Obtain the assistance of an experienced pilot**  
The products are suitable for more than 14 years old age, at the beginning it will have some certain difficulty in learning, suggestion guidance by experienced when playing.



## LEAF CHANGE

- The leaf to be replaced must be replaced with the relative position on the machine. The blades A need to be installed in the position of A, the wind blade B must be installed in the position of B, such as the replacement of the wind blade error will not be able to control.
- When the flight leaves a clockwise rotation, the fan B to counterclockwise rotation.

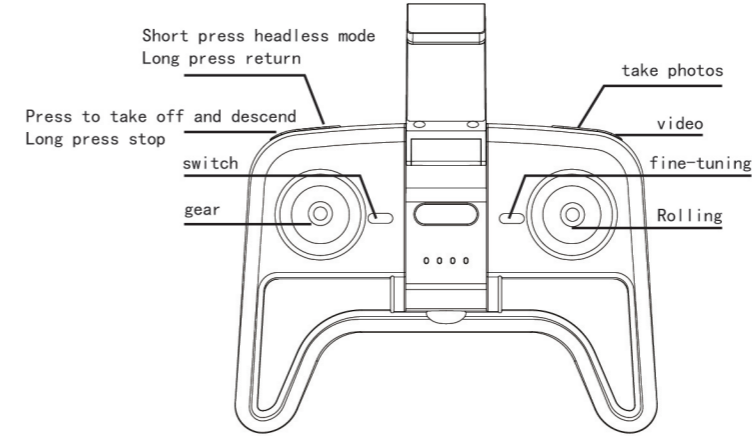
## 1. IMPORTANT NOTES

This product is NOT A TOY. It may cause damage by use it wrongly. Please use this product follow by this instruction. And please do not disassemble this product by yourself.  
This flying model requires practice before you use it. Please use the product follow by this instruction and please do not disassembly the product. Otherwise, manufacturer shall not be responsible to any damage of the product or injury to any person.

## 2. SAFETY NOTES

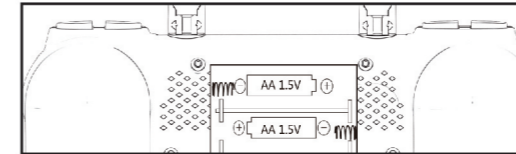
**CAUTION:** Fly only in safe areas away from other people. Do not operate R/C aircraft within the vicinity of crowds or people. R/C aircraft are prone to accidents, failures for their actions and damage or injury occurred during Pilot error, and radio interference, pilots are responsible for their actions and damage or injury occurred during the operation or as a result of R/C aircraft models.

## Introduction of transmitter



## Assembled remote controller

Open the battery cover on the back of remote controller. Insert three #5 alkaline batteries in accordance with the instructions on battery box. (Battery should be purchased separately, old and new or different types of batteries shouldn't be mixed.)



## Recharge the quadcopter battery

Plug the factory equipped charger plug into the power supply, the charger charging indicator light is red, and then connect to the product battery, the indicator light will turn red, indicating that the battery is charging, when the indicator light is off, it means that the battery is fully charged. The whole charging time is about 120 minutes.

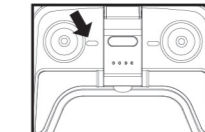
## Battery safety instructions:

Different types of batteries or old and new batteries should not mix;  
-Non-rechargeable batteries cannot be charged;  
-Only use the provided charger line charge;  
-Follow the polarity correctly installed batteries power supplies terminals shall not be short-circuited;  
-Non-rechargeable batteries cannot be charged; rechargeable batteries can only be under the supervision of adult charge;  
-Do not use rechargeable battery overcharging when charging. People do not leave;  
-Exhausted batteries to be taken from the remote control.  
-Used batteries according to the environmental protection agency

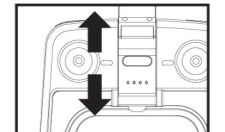


## READY TO FLY

Make sure the propeller is installed correctly and fastened

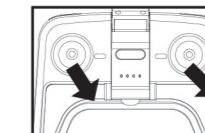


1. Press the power button to start the remote control.

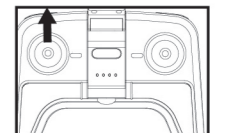


2. Frequency: first, the left rocker is vertically upward, and then the left rocker is distributed to the bottom; the aircraft indicator light is always on, and after a few seconds of light flow can start normal flight.

## 起飞方法1:

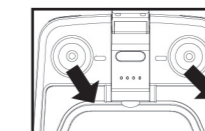


1. Put aircraft in horizontal plane, two rocker gyroscope 45° correction to the lower right corner.

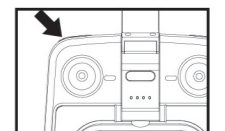


2. Push up the left rocker and start the quad.

## 起飞方法2:

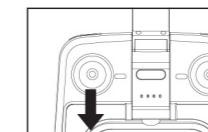


1. Put aircraft in horizontal plane, two rocker gyroscope 45° correction to the lower right corner.

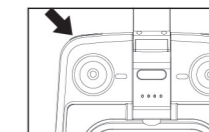


2. Press the "up" button to automatically lift the aircraft.

## LANDING METHOD

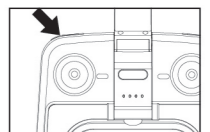


Slowly push down the throttle lever until the plane lands. Keep the throttle lever in the lowest position for 3 seconds. The motor stops and the plane lands successfully.



Press the down button and the aircraft will descend automatically.

## EMERGENCY LANDING



When the aircraft encountered obstacles or emergency, long press the emergency landing button for 3 seconds, the aircraft can be emergency landing.

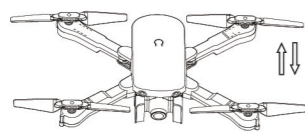
## Flying controlled and fine tuning

Ascend/ descend	When the left operating lever push up or pull down, the quadcopter is ascending or descending.	
Turning	Turning When the left operating lever push left or right, the quadcopter turns left or right.	
Forward/ backward	When the right operating lever push up/down, the quadcopter goes forth/back.	
Side Fly	When the right operating lever push left or right, the quadcopter goes to the left or right.	
Side-fly fine tuning	When the quadcopter is hovering, and the quadcopter is deviate to left or right then turn the side-fly fine tuning to right or left until the quadcopter keeps balance	

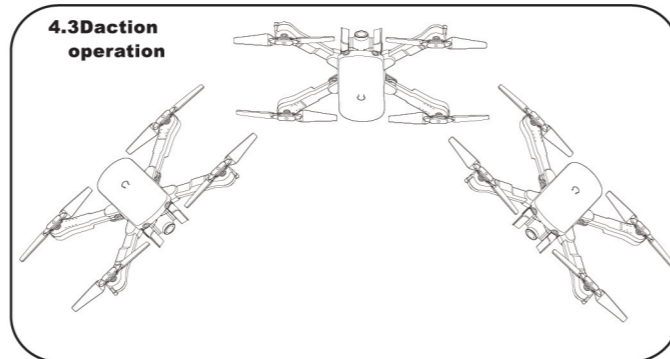
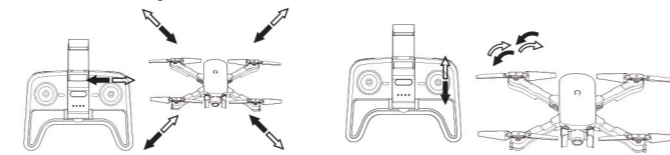
Headless mode: In no open mode, the aircraft took off in the direction of East and West position, if the rear of the aircraft to take off this south, a tube aircraft flying far, what direction to go, then pull back forward, backward / left and right side joystick to fly the aircraft will fly back to retreat south. (Vehicle chassis have ON-OFF of the back)  
A return key: Press a button to return the vehicle will automatically fly back to the starting position at takeoff.

## Flying practice

1. Acceleration operation: slowly push the acceleration bar until the quadcopter takes off from the ground and hangs in the air, and then pull back the acceleration bar until the quadcopter slowly descends. Repeat until you can control the lever smoothly.



- Auxiliary blade operation: when the quad is hovering in the air, slowly push the right lever to make the quad fly forward/backward/left/right.
- Steering operation: when the quad is hovering in the air, slowly push the steering rudder to make the quad turn left or right.



## Tips:

- When matching the signal, keep the quad in a horizontal position so that it can match quickly and begin to fly steadily, away from the empty space of 2-3 meters for people and objects.
- Indoor flight: please choose a spacious and barrier-free place for flying pets and personnel.
- Outdoor flight: please choose the flight with warm sunshine and no wind.

## Note:

- Do not fly in extreme weather. Models may be damaged. Extreme hot or cold weather may affect flight performance.
- Do not fly in moderate or strong wind weather, otherwise it will affect your flight or interfere with your flight control. In strong winds, your aircraft will disappear or be damaged.

## Common problem and solution instruction

Problem	Cause	Solution
Can not take off	Battery of quadcopter is not charged completely	Recharge the drone battery
	Main blades rotate too slow	Push up the throttle stick
Main blade do not rotation	Main blade and motor are assembled cohesively	Pull the main blade up to keep in an appropriate state with motor
Main blade rotate but can not take off	Quadcopter battery depleted	Charge or Replace with fully charged battery
	Deformed main blades	Replace main blades
	AB blade mistake install	Install AB blade correctly
Motor do not respond to throttle stick, receiver LED flashed	Drone battery depleted	Fully charge the battery or replace with a fully charged battery
Motor not working	Stuck foreign matter	Take out the foreign matter
	Transmitter fail to connect Drone	Refresh the Drone
	Motor damage or motor line break	Change motor or check the line inside
Out of control	Exceed the effective control distance	Control distance beyond 80meters
	The throttle stick isn't pulled to the end to complete revising frequency and the Drone automatically rise	Throttle stick should be pulled to the end during revising frequency
The Drone was violently shaking or lunched sideways	Main blade be out of shape	Replace the blade
Drone rotate after trim adjustment speed during left/right pirouette	Mix the Trimmer of transmitter or Drone	Manual the trimmer of transmitter or Refresh Drone
	Damaged main blade	Reolace main blade
	Damaged motor	Replace the motor
Main blade continue to spin after landing	Throttle trimmer accidentally increased during flight.	Confirm the throttle trimmer in place of middle or slightly below.
Drone still wonder forward after trimmer adjustment during hover	The gyroscope is not under the state of level	After turn on the Drone the fine-tuning to return-to-Zero(Refresh Drone)

## PRECAUTIONS:

- The remote controlled distance will be shorten when the power (aerocraft or transmitter) is insufficient.
- It is difficult to take off or fly not high when aerocraft's power is insufficient.
- When the aerocraft is damaged, please repair it in time and stop operating, or it may lead to injury.
- If you do not use the transmitter for along time, please remove the batteries to avoid the batterie' s leakage.
- Do not drop the transmitter from the high altitude or crash it badly, otherwise, it will shorten the transmitter's using life.

## Accessories



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

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.