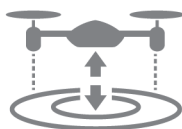


## 2.4G 6-AXIS GYRO QUADCOPTER



ALTITUDE HOLD

# INSTRUCTION manual

## Attention

- 1.This 4-axis quadcopter is suitable for indoor/outdoor flight,please make sure the outdoor wind force is less than Beaufort force 4.
- 2.It adopts 2.4G frequency band for long remote control distance; allows multiple flights at the same time and in a same area without any interference. Gamer can control it to fly forward/backward,left/right sideward, turn left/right.
- 3.Please read this manual carefully before operation and keep it properly for future reference.

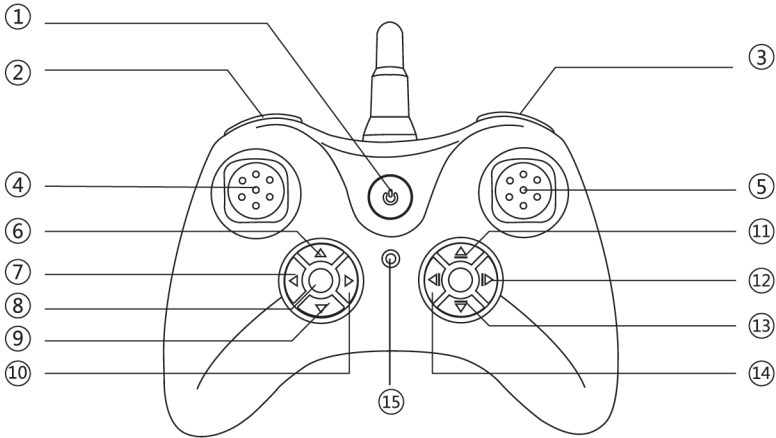
## NAMES OF PARTS REMOTE CONTROL



Do not disassemble

ONE KEY  
TAKE-OFF/LANDING,  
PRESS 3 SECONDS  
EMERGENCY STOP

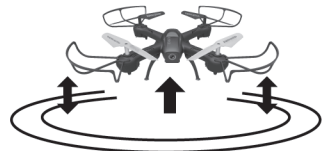
TUMBLING



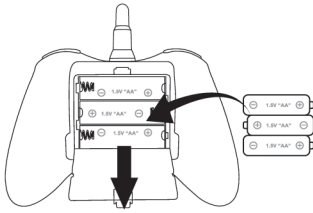
1. Power switch
2. One key take-off / landing,  
Press 3 seconds Emergency Stop.
3. Click tumbling
4. Left lever (Rise / fall Left / right turn)  
(Press down CF mode)
5. Right lever (Front / side fly)  
(Press down one press automatic return )
6. High speed
7. Left trimming
8. Take Photo, A long press is video
9. Low Speed
10. Right trimming
11. Forward trimming
12. Right fine-tuning
13. Back trimming
14. Trimming the left
15. Power LED

## ALTITUDE POSITION HOLD

Use the left joystick to manipulate the aircraft rise / fall after a when you release the left joystick, aircraft will hover, in the when the joystick is released time height.



## TRANSMITTER BATTERY INSTALLATION



1.5V AA batteries

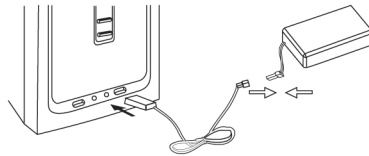
### CAUTION:

1. Make sure the battery and its polarity in the battery compartment should be correct. Please don't load the batteries upside down.
2. Please don't mix the old batteries with the new ones.
3. Please don't mix using batteries of different types.

Battery installation method: Open the battery cover on the back of the transmitter, according to the polarity indications on the battery compartment, load 3\*AA batteries(not included) correctly.

## AIRCRAFT BATTERY CHARGE

Take out the lithium battery from the battery holder and disconnect with the power, connect the USB plug of charger with the computer USB port, then connect the charging socket of the charger with the lithium battery plug. When charging, the LED will light up; when fully charged, the LED will light off. The charging time is about 60-80 minutes.



## THE RELATED NOTES ABOUT LITHIUM BATTERY'S USAGE

- There is a certain risk when using lithium battery. It may cause fire, body injury or property loss. Users must be aware of the risks of using this product. Manufacturers, retailers and dealers do not bear any responsibility once accidents occur, so please read the safety guidelines and charging instructions carefully before operation.
- If battery leakage occurs, please avoid contacting your eyes and skin with electrolyte. Once it happens, please wash your eyes with clean water and seek medical care immediately.
- Please remove the plug immediately if you sense any peculiar smell, noise or smog.
- Please comply with the following requirements strictly, or it may cause fire, electric shock or explosion.

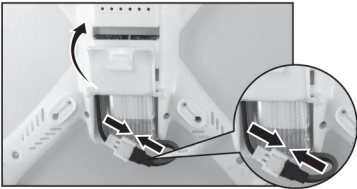
## Charge

- Please use the charger from original factory to ensure your safe usage.
- Do not charge the dilatant or outworn battery.
- Do not overcharge the battery. Please pull out the charger once the battery is fully charged.
- Do not charge the battery next to inflammables or on the surface of electro-conductive objects. When charging please observe the battery at all times.
- Do not charge batteries which not cool down yet.
- The charging temperature should be between 0 °C to 40 °C .

## Recycle

- Do not deal with the related equipment as daily rubbish. The damaged/ unusable batteries should be put into the designated container.
- This equipment is composed of electronic elements and batteries. For electronics garbage, please dispose them according to the special requirements.
- Please familiarize yourself with the local garbage disposal method.

## HOW TO CONTROL






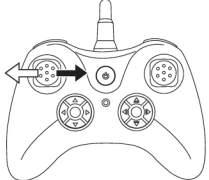


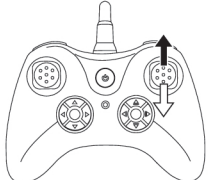


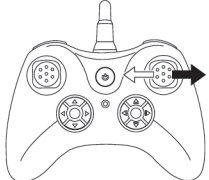


### WARNING

After flight, please disconnect the battery plug from the power connection of circuit board in case of battery damages.





1. Connect the power plug of the quadcopter with the lithium battery socket correctly as shown in the figure. Place the quadcopter on a level surface, and please do not move it when the indicator light of mainboard is flashing.
2. Pull the throttle joystick of the transmitter to the lowest point, then turn the power switch to "ON" position. Pushing the joystick to the highest, and then pulled the lowest point. When the indicator light of quadcopter starts flashing and then keeps on, the signal connection is complete, and the quadcopter is ready to be operated.
3. Please place the quadcopter in an open space. Before flight, please make sure that the rear part of quadcopter is pointing to you directly.






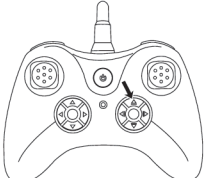



Important: Aircraft with golden maple leaf for the forward direction, there is no direction of retreat.

<p>Ascending </p> <p>Descending </p>	<p>Push up the left joystick(throttle), the rotating speed of main blades increase, the quadcopter will ascend.</p> <p>Push down the left joystick(throttle), the rotating speed of main blades decrease, the quadcopter will descend.</p>	
<p> Turn right</p> <p> Turn left</p>	<p>Push the left joystick(rudder) to the left, the quadcopter will turn left. Push the left joystick(rudder) to the right, the quadcopter will turn right.</p>	
<p> Forward</p> <p> Backward</p>	<p>Push up the right joystick(rudder), the quadcopter will fly forward.</p> <p>Push down the right joystick(rudder), the quadcopter will fly backward.</p>	
<p> Right sideward fly</p> <p> Left sideward fly</p>	<p>Push the right joystick(rudder) to the right, the quadcopter will fly sideways to the right.</p> <p>Push the right joystick(rudder) to the left, the quadcopter will fly sideways to the left.</p>	

**NOTICE** Push the throttle level slowly; please press the trimming buttons when the aircraft hovers or leans to different directions in the air .

**Attention:** When the quadcopter is within 30cm from the ground, it will be affected by the blade vortex made by itself, and become unstable. This is "ground effect". The lighter the quadcopter is, the greater the effect will be.

	<p>When the aircraft spins towards to left, please continuously press the trimming button (right-turn trimming) till it stops spinning.</p>	
	<p>When the aircraft spins towards to right, please continuously press the trimming button (left-turn trimming) till it stops spinning.</p>	

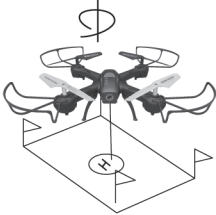
	<p>If the quadcopter flies sideways to the left while hovering, please push the right side flight fine tuning to the right continuously until it is back to normal.</p>	
	<p>If the quadcopter flies sideways to the right while hovering, please push the left side flight fine tuning to the left continuously until it is back to normal.</p>	
	<p>If the quadcopter flies backward while hovering, please push the forward fine tuning continuously until it is back to normal.</p>	
	<p>If the quadcopter flies forward while hovering, please push the backward fine tuning continuously until it is back to normal.</p>	
<p>The throttle stick to the bottom, turn the remote control power. The vehicle on a f at position, the LI-PO battery in the LI-PO battery in the direction shown by electrical socket pushed into position, the board flashes at this time not to move the body, so the frequency remote control gyro reading neutral point, 3 seconds after pushing the joys tick to the highest, and then pulled the lowest point, Receiver board lights stop flashing on the code completion</p>		

## FLYING ENVIRONMENT :

1. Indoor flying: Choose a wide place without barriers, pets and people.
2. Outdoor flying: Choose a warm, sunny and windless day.
  - ① Do not fly in extreme temperatures. Flying in extreme temperatures may affect the performance and damage the product.
  - ② Do not fly in windy days. The performance and the control of the quadcopter will be affected by the strong winds. Flying in winds condition may cause disappearance or damages to the quadcopter.

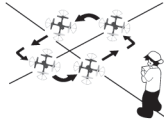
## FLYING PRACTICE

### Fixed-point revolving

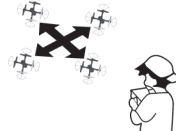


Fixed-point landing

You can practise the moves as below after sufficient basic flying practices.



Fly a SQUARE pattern.



Fly a CROSS pattern.

Try square/cross pattern when the basic moves(take-off/landing/rotation) are skillfully accomplished.

## 3D FLIP FLYING 3D

When you skillfully operate the basic moves, you can try some adventurous rotations. Fly the quadcopter more than 3 meters high from the ground, push the rotation button and push the right joystick(rubber) to one direction, the quadcopter will rotate to the direction you push.

Flip forward



Flip backward



Flip towards the left



Flip forwards the right



## PRECAUTIONS

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

## PROBLEMS AND SOLUTIONS

PROBLEMS	CAUSES	SOLUTIONS
Transmitter not working	1.The transmitter switch is on"OFF".	1.Turn on the transmitter .
	2.Install the batteries improperly .	2.Check and make sure that the batteries are loaded according to the polarity instructions on the battery box correctly.
	3.Battery exhausted.	3.Replace with new batteries .
Control failure	1.The transmitter switch is on"OFF".	1.Turn on the transmitter`
	2.Did not connect with the quadcopter battery.	2.Connect the quadcopter battery in right way.
	3.Too strong wind force .	3.Do not fly in windy days. The performance and the control of the quadcopter will be affected by the strong winds.
Ascending failure	1.The rotation speed of main blades is too slow.	1.Push up the throttle joystick.
	2.The battery of the quadcopter is not fully charged.	2.Please full charge the quadcopter.
Landing too soon	The throttle stick is pulled down too fast.	Pull down the throttle stick slowly to perform a smooth landing.
Out of control	Beyond the effective controlling distance.	Ensure that the flying distance is within 60 meters.