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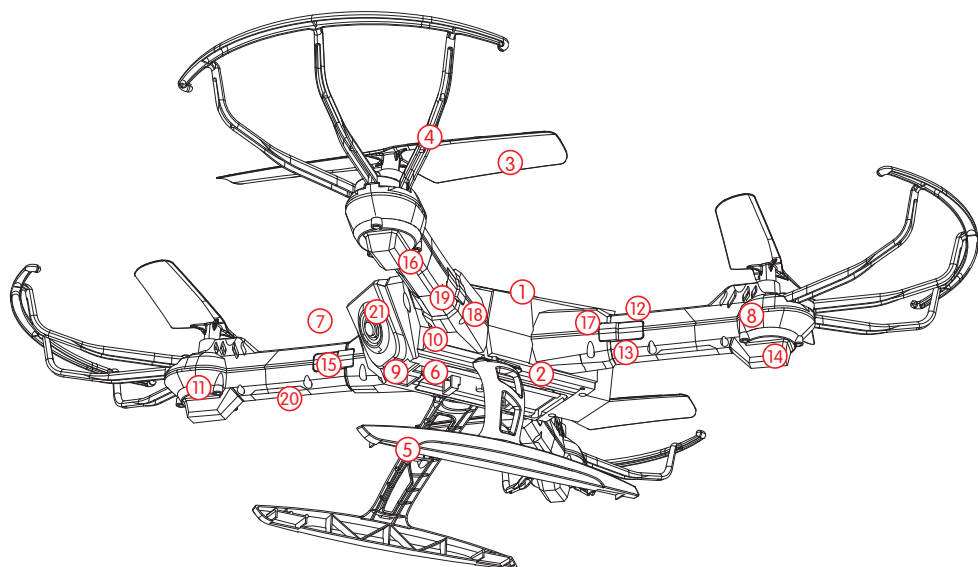


# COMBO X

\*Please read this manual carefully before operation and keep it properly for future reference.

# KNOW YOUR COMBO X

With 2.4G frequency band for long remote control distance, COMBO X allows multiple flights at the same time without any interference. User can control it to fly, roll, hover and take photos/videos with transmitter or APP on smart phone (Wifi Version).



1.Up cover of enclosure

2.Down cover of enclosure

3.Propeller

4.Protective guard

5.Undercarriage

6.Battery cover

7.Flashing light

8.Motor

9.Switch board

10.Receiver

11.Gear components

12.Up cover of arm

13.Down cover of arm

14.Gear cover

15.Fixed ring

16.Fastener

17.Spring

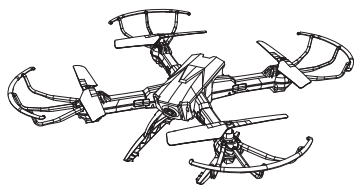
18.T-type male plug

19.T-type female plug

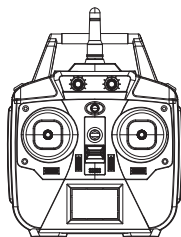
20.Lampshade

21.Camera

# ACCESSORIES



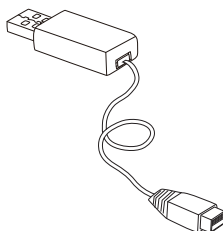
COMBO X x1  
(Battery Included)



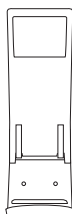
Transmitter x1



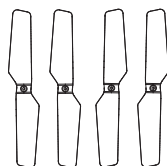
User manual x1



USB charger x1



Phone clip x1



Backup  
propellers x4

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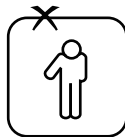
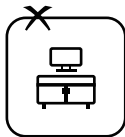
## Note:

Please check the number of accessories carefully(as shown above).Please provide proof of purchase and contact the store for replacement if any missing parts.

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# PRE-FLIGHT PREPARATION

## 1. Flight Environment



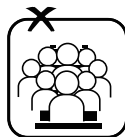
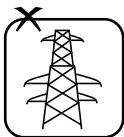
Indoor flying: Choose a wide place without barriers, pets and people.



Outdoor flying: Choose a sunny and windless day.



Do not fly in extreme environment, such as hotness, coldness, strong wind or heavy rain.

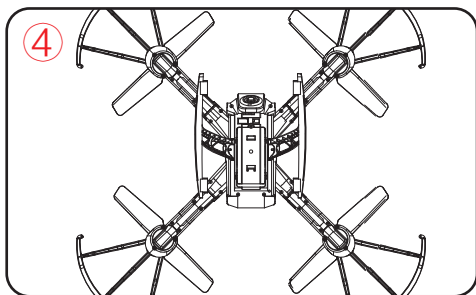
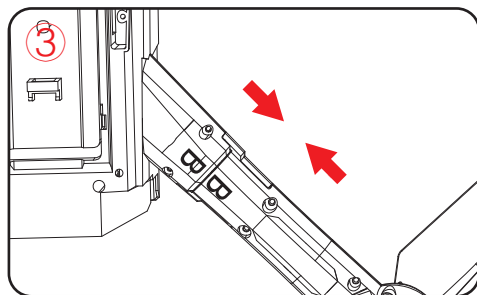
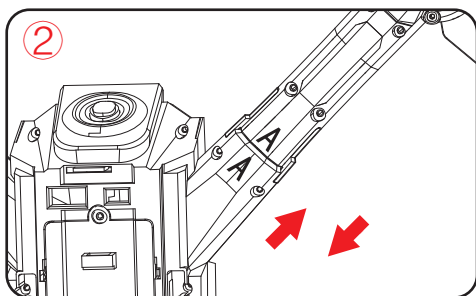
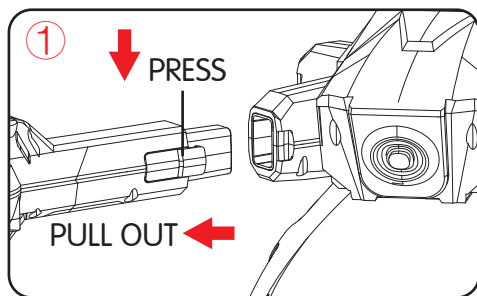


Please keep the drone in sight during the flight and keep it away from barriers, high-tension cables, trees and people.

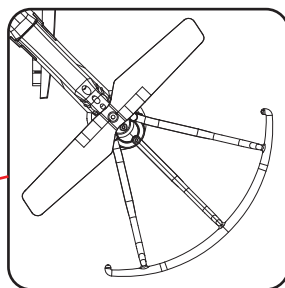
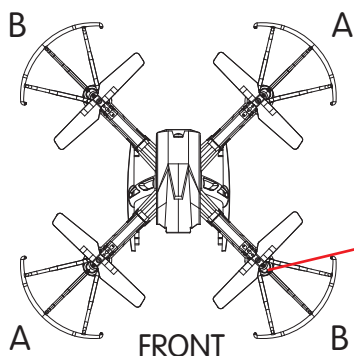


## 2.Crankshafts Installation

When install crankshafts,make sure the crankshaft and the rack correspond correctly.(As shown in figure below)

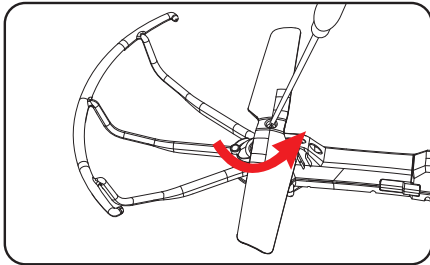


## 3.Propellers Installation

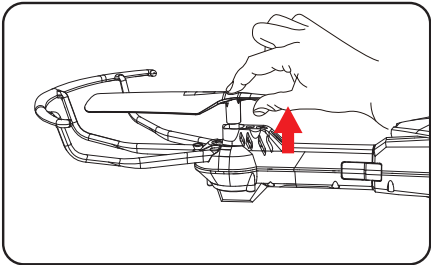


A corresponds to A,B corresponds to B

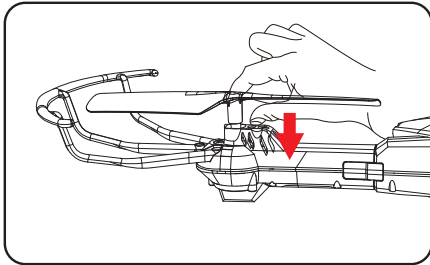
# 4.Propellers Replacement



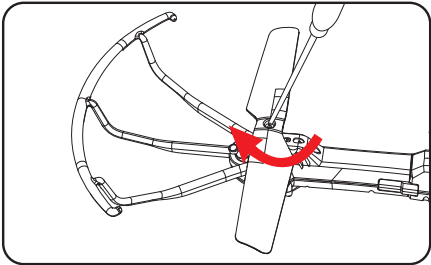
A.Remove the screw with a screwdriver.



B.Remove the blade upwards.



C.Align the shaft with the blade.



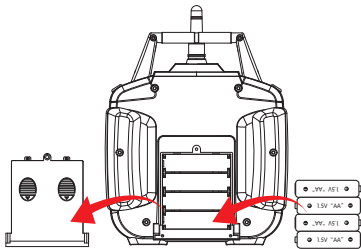
D.Use a screwdriver to lock the screw.

**Note:**

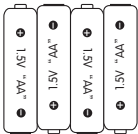
When installing or dismantling the propeller, please do not exert force on the propeller to avoid distortion.

# 5.Lithium Battery Instruction

Remote control battery installation:



AA batteries



Open the battery cover and insert the 4 AA batteries correctly according to the electrode instructions. (Batteries not included)

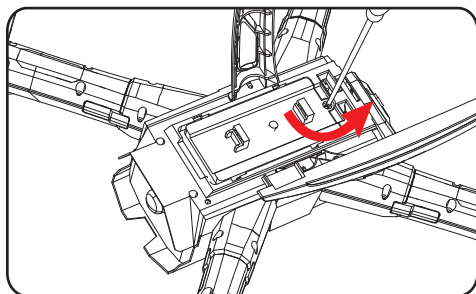
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## Note:

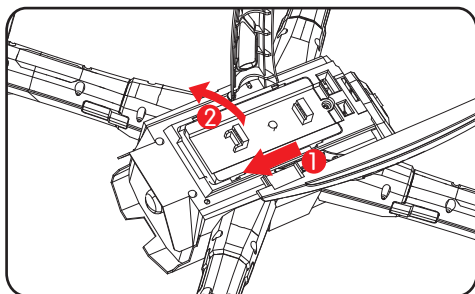
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1. Make sure the battery are loaded correctly according to the polarity indications on the battery compartment.
  2. Please do not mix old and new batteries together.
  3. Please do not mix different types of batteries together.
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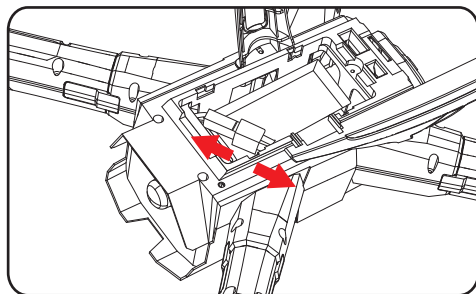
## Body battery charging :



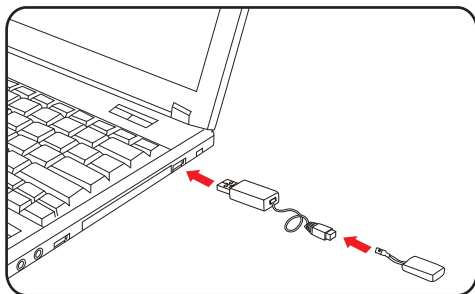
A. Use a screwdriver to remove the screw from the battery cover.



B. Open the battery cover on the bottom of the drone.



C. Unplug the power connector to remove the lithium battery.



D. Connect lithium battery and USB charging interface by USB charger.

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## Note:

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LED lights on when charging, LED lights off when finish charging.  
Charging time is about 2~3 hour.

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## ▲ Battery Instructions

- 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 and take full responsibility of using battery improperly.
- 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.

### Battery Charging

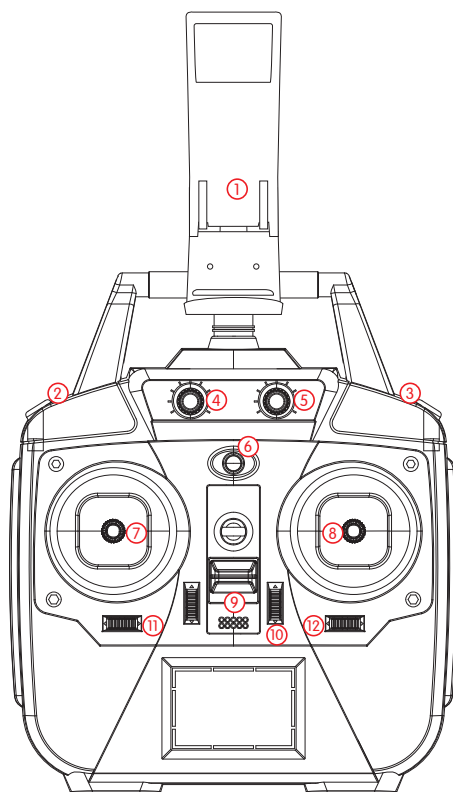
- Please use the charger from original factory to ensure your safe usage.
- Do not charge dilatant or outworn battery.
- Do not over charge battery. Please unplug the charger once fully charged.
- Do not charge the battery next to inflammables, such as carpet, timber floor or wood furniture or on the surface of electro-conductive objects. Please always keep an eye on the battery when charging.
- Do not charge battery which not cool down yet.
- The charging temperature should be between 0°C to 40°C.

### Battery Recycling

- Do not dispose the battery as daily rubbish. Please familiarize yourself with the local garbage disposal method and dispose it according to the special requirement.

# KNOW YOUR REMOTE CONTROL

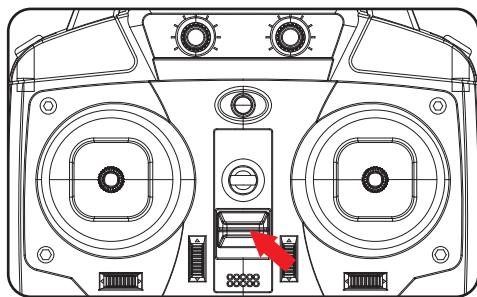
## 1. Parts of remote control



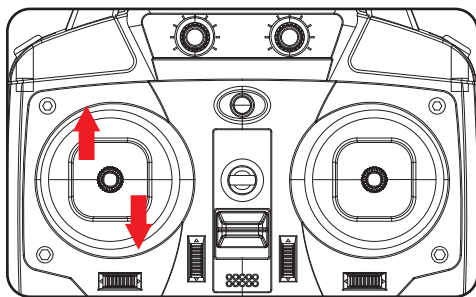
- |   |  |
|---|--|
| 1. Phone clip   | 7. Left joystick(ascend/<br>descend/turn left/right)           |
| 2. Short press to control speed/<br>Long press to return to home                    | 8. Right joystick(forward/<br>backward/left/right<br>side fly) |
| 3. Short press to 3D rotation/<br>Long press to enter headless mode                 | 9. Power switch  |
| 4. Short press to start/<br>Long press to control lamp                              | 10. Forward/Backward<br>fine-tuning                            |
| 5. Short press to take photo/<br>Long press to take video<br>(Not for WIFI version) | 11. Left/Right fine-tuning                                     |
| 6. Power indicator  | 12. Left/Right side fly<br>fine-tuning                         |

## 2.Signal connection of transmitter and receiver

- ①.Turn on the drone and place it on a level surface, the indicator light of transmitter and the LED of drone flashing.
- ②.Push the throttle joystick to the highest point then push back to the lowest point, and when you hear two beeps, the indicator light of transmitter and the LED of drone become normally on, the signal connection has completed.



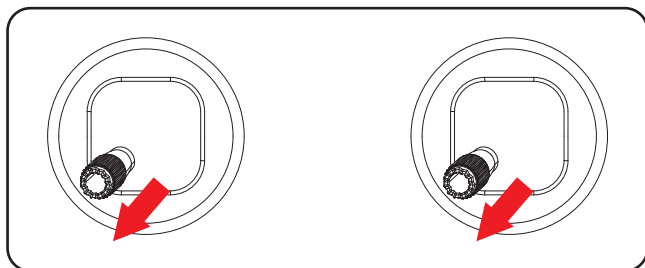
①



②

## 3.Transmitter calibration

Apply transmitter calibration when the drone fails to take off vertically. Push two joysticks at the same time to the lower left corner together. When the lights of drone are on and then start flashing and keep on again, the calibration is complete. The drone must be placed on a horizontal surface in a steady state when the calibration is conducted.

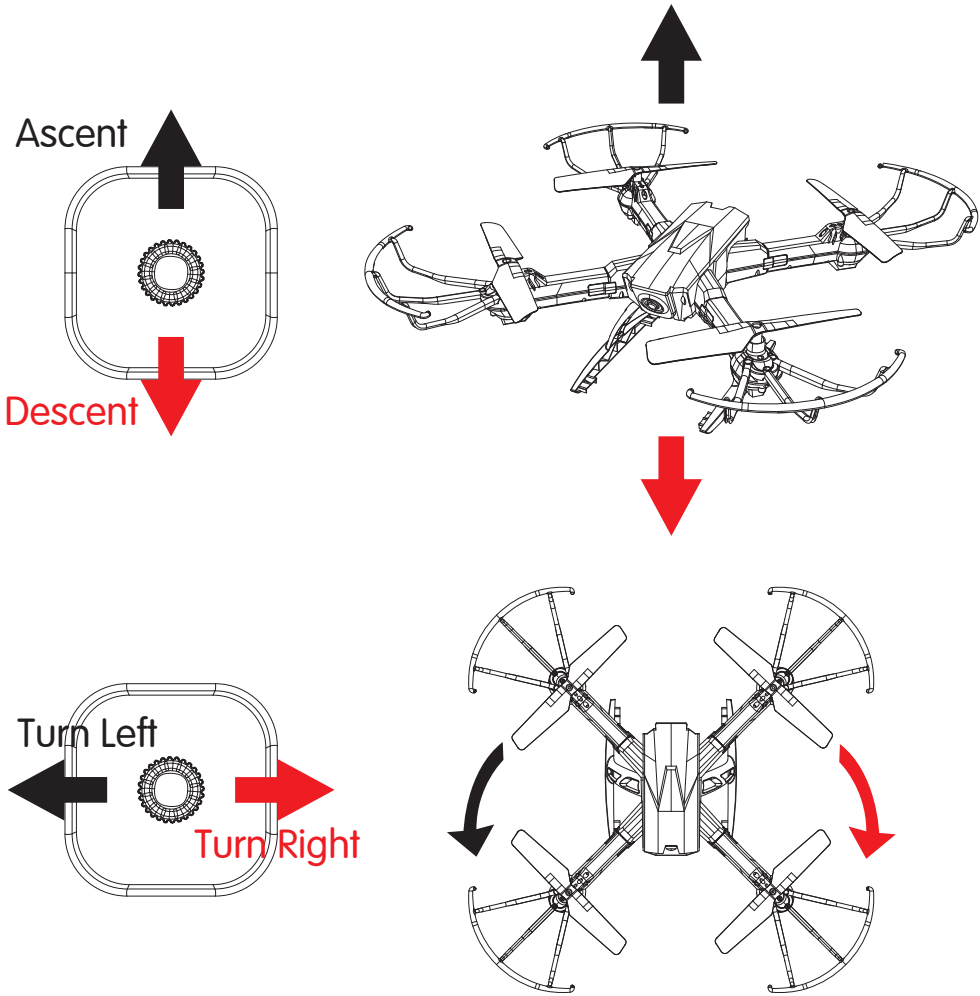


# START YOUR FLIGHT

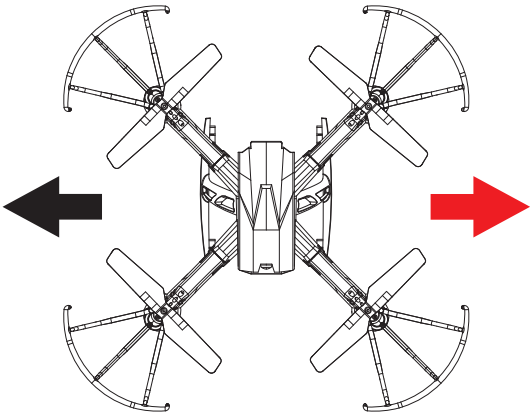
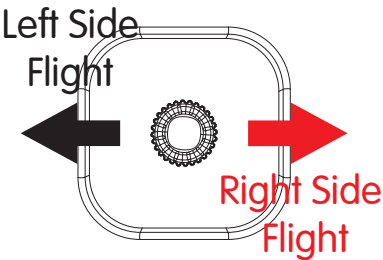
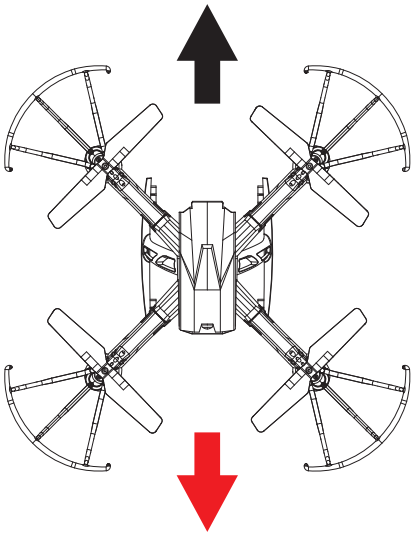
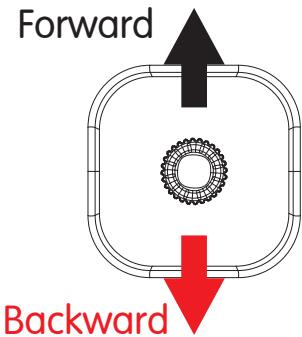
## 1.Basic Flight

Use the left joystick to control the flight altitude and turn left/right, and the right joystick to control the forward, backward, left and right side flight directions.

### Left Joystick



# Right Joystick

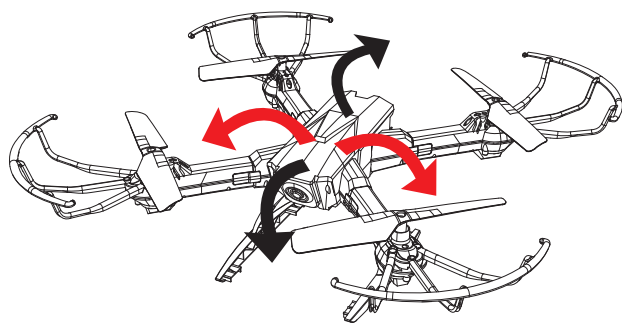
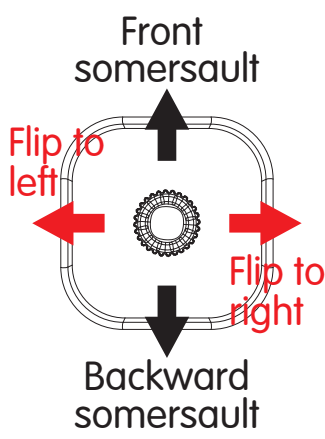




# Flips&Rolls

When the drone is reaching more than 3 meters high, click “360° flips and rolls” and move the right joystick to a certain direction, the drone will rotate in that direction.

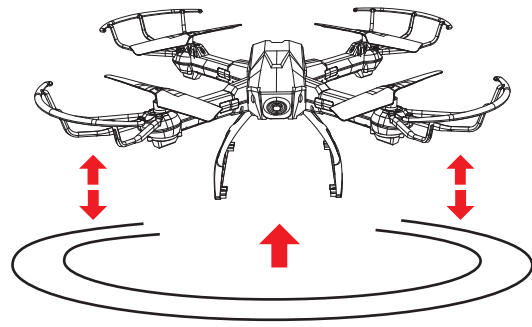
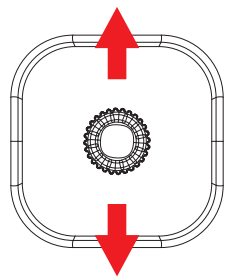
## Right Joystick



## Hover

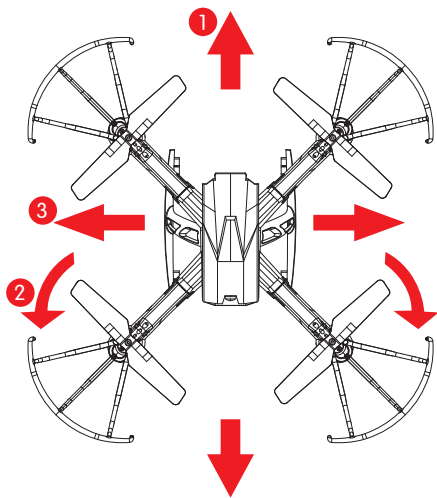
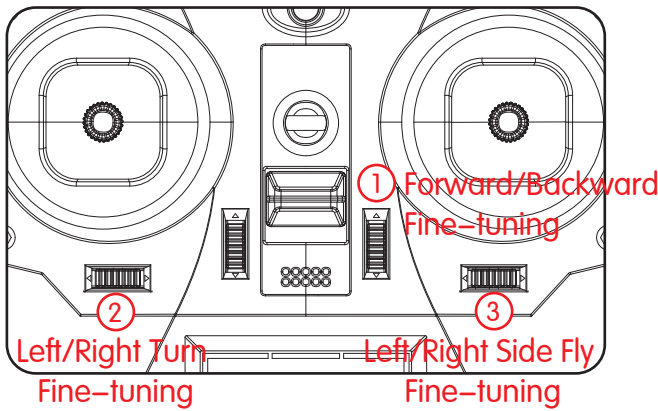
When you release the left joystick (throttle) after the ascent/descent action, the drone will hover at a certain height.

## Left Joystick



# 2.Fine-tuning Function

When deviating from course, click "Fine-tuning" for calibration until the drone is back to normal.



Note:

When the drone 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 lower the drone is, the greater the effect will be.

# FAQ

PROBLEMS	CAUSES	SOLUTIONS
Control failure	The transmitter switch is on “OFF” .	Turn on the transmitter.
	Install the batteries improperly.	Check and make sure that the batteries are loaded according to the polarity instructions on the battery box correctly.
	Battery exhausted.	Replace with new batteries.
Control failure	The remote control is not turned on.	Turn on the remote control.
	Not connect with the drone battery.	Connect the drone battery in right way.
	Too strong wind force.	Do not fly in windy days. The performance and the control of the drone will be affected by the strong winds.
Fail to ascend	The rotation speed of main blades is too slow.	Push up the throttle joystick.
	The battery of the drone is not fully charged.	Please full charge the drone.
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 30 meters.

# JJRC TECHNICAL SUPPORT

Dear Customer,

Thank you for choosing JJRC product. Please visit JJRC official website for more FAQ and information if there is any problem of using our product.

- Product Operation: Please visit JJRC College for tutorial video or user manual.
- Product Features: Please refer to product page description or product brochure.
- After-sale Service: Please refer to conditions and terms of after-sale service.

The final interpretation right belongs to all JJRC.

Should you have any further questions, please visit JJRC Online Feedback and leave your message.

Thank you again for your support!

JIANJIAN TECHNOLOGY CO.,LTD.

[www.ijrc-tech.com](http://www.ijrc-tech.com)