# ないも とコロモ ナヒ・コー

问题	原因	处 理 方 法		
	原 囚	<b>光</b> 垤 万 宏		
接上飞碟电池. 飞碟上的指示灯持续闪烁,操作无反应	遥控器与飞碟未对频成功	请重新执行遥控器与飞碟的对频动作		
接上飞碟电池,后 飞行器没有任何反 应	<ol> <li>检查遥控器和飞碟是否接通电</li> <li>检查遥控器和飞碟电池是否出现低电状态</li> <li>电池正负极片是否接触不良</li> </ol>	1. 打开選控器并插入飞碟电池接通2. 使用完全充电饱满的电池3. 重新插入电池,确认电池和电池正负极片的接触是否正常。 将电池充电或更换另外一个充饱的电池		
推动油门摇杆时主 电机不转动, 且飞 碟上的指示灯开始 闪烁	飞碟锂聚电池电量不足			
飞碟主旋翼有持续 转动但不能起飞    1. 主旋翼变形2. 飞碟电池电量不足		1. 更换主旋翼2. 将电池充电或更换另外一个充饱的电池		
飞碟震动的很厉害	主旋翼变形	1. 更换主旋翼		
飞碟仍会往前或往 后移动	陀螺仪中点不对	可以将遥控器进行自动校正模式,或重新开机重新打频		
飞碟跌落后失去平 衡飞不起来	陀螺仪中点不对	可以将遥控器进行自动校正模式,或重新开机重新打频		

#### 产品主要配件名称



01 主体上盖



02 主体下盖



03 风叶



04 左上角展臂



05 左下角展臂



06 右上角展臂

10 齿轮



07右下角展臂







12USB充电器



# **COLLAPSIBLE** QUADROCOPTER



2.4GHZ

Please read the instructions carefully before use (Please read carefully for details and warnings) Save this manual for future reference

# Important safety information

(1) The product is not a toy, but the mechanical, electronic, aerodynamics, high-frequency transmission and other professional knowledge into one of the fine Dense equipment, the need for proper assembly and commissioning to avoid accidents. The product holder must use a safe way. Operation control: improper operation, may cause serious personal injury or property damage. We are not responsible for this, Because we can not control the assembly, use, operation process.

(2) This product is suitable for people with operating model experience, the age of not less than 14 years of

age.

(3) The flight site must be a local legal remote control model flight site.

(4) Once the product is sold, we will not be responsible for any safety and safety arising from operation and use, control, etc.

(5) If any using, operating and measuring problems, please contact with local distributors, for we have assigned those distributors to provide technical support and after sales service.

2. Safety Precautions:

Remote control model aircraft is a high-risk goods, must be away from the crowd when flying. Artificial assembly or body damage, electronic control.Improper equipment, and operation are not familiar with, are likely to cause damage to the aircraft or personal injury and other unpredictable accidents. please.Pilots must pay attention to safety, and need to understand due to their own negligence caused by accidental responsibility.

(1) Away from obstacles and crowds

The flight of the remote control flight has an uncertain flight speed and state, there is a potential risk. Fly away from the flight.People, high-rise buildings, high-voltage wires, etc., while avoiding wind and rain, thunderstorms and other bad weather flight to ensure that pilots,The surrounding population and the safety of the property.

(2) Away from the damp environment

The interior of the aircraft is made up of many sophisticated electronic components and mechanical parts, so it is necessary to prevent the aircraft from wet or Into the body, so as to avoid mechanical, electronic components failure caused by accidents!

(3) Safe operation

Please operate the remote control aircraft according to your own status and flight skills. Fatigue, poor spirit or improper operation will increase. Probability of accidental risk.

(4) Keep away from high-speed rotating parts

When the propeller in the high-speed flight, the pilot, the surrounding crowd and objects away from the rotating parts, so as to avoid danger and damage.

(5) Keep away from heat

Remote control aircraft is composed of metal, fiber, plastic, electronic components and other materials, so as far as possible away from heat, to prevent day. Drying, to avoid deformation caused by high temperature or even damage.

# The plant is made of lithium polymer battery (LiPo)

Lithium batteries are different from the general battery, which consists of a thin layer of thin paper wrapped with its chemical endoplasm. This can be great. To reduce its weight, but it makes it more vulnerable in the face of rough or inappropriate operations. Like the same. There is a battery, as inappropriate operation will cause a fire explosion.

Do

• Do not put the battery in the model for charging, which may cause the battery to fire and damage you of the aircraft.

- If you plan to use this product for one week or more, keep the battery 50% Increase the battery life. Keep the battery 50% of the battery, just use the battery when fully charged Half of the time to charge.
- Please use the original professional charger to charge the battery.

Do not charge the carpet to prevent fire.

 Lithium battery in the storage for more than three months after the need to charge to maintain the voltage to ensure that it should have of life.

#### 一键返航



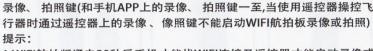
按下一键返航时,飞行器将放弃自身的前后左右的方位,自动以无头模式定义好的后退方向飞行,当操控右操控杆时即停止此功能 \*注意:此功能只能做到自动返回,飞行不能达到自动返回停止。

#### 快慢档选择



快慢档是把前进、后退和左右侧飞分为三档速度,遥控器开启电源后默认为慢档,按下遥控器键发出"笛""笛"两声则为中档,"笛""笛""笛"按下三声为快档,"笛"一声返回慢档。(建议初学者用慢档操作)

#### 遥控器操控拍相及录像





- 1.WIFI航拍版通电20秒后手机才能找WIFI连接及遥控器才能启动录像或 拍照
- 2.当没有连接APP时必须保正WIFI航拍板上SD卡还有存储空间遥控器上的录像拍照键才有作用。

# 飞机设置复位

新手在操作本款遥控飞行器时,如果起飞后飞行不稳定,出现往一个方向快速漂移时,可采用陀螺仪水平校正功能给飞行器校正、方法如图、开机对频完成后,将飞行器放置在平整的地面上,遥控器手柄同时向右下角打斜,蜂鸣器发出"滴"提示声,飞行器灯光闪烁后长亮,表示水平校正完成!



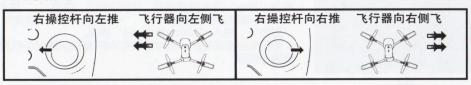
#### \*紧急停机

- 1.如飞行过程中出现险情,须要紧急停止可以如图所示,长按翻滚按键,飞行器马上停止运行。此功能在飞行器正常高空飞行时请勿尝试操作。否侧飞行器会快速摔下。
- 2.当飞行器倾斜大于45度时,飞行器会自动停机保护。

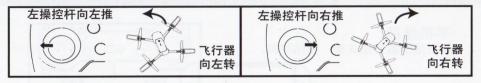




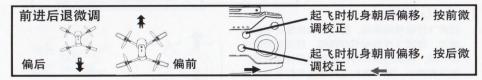
#### C.左右侧飞

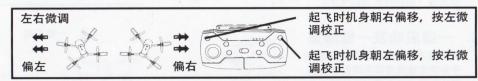


#### D.左右转弯(有摄像头一面为前方)



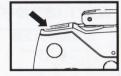
#### 5、微调控制 (有摄像头一面为前方)





#### 无头模式的方向定义与模式选择

转换至无头模式时, 飞行器将放弃自身的前后左右的方位, 以 遥控器为参照点重新定位前后左右。如: 当右操控杆向前推时, 飞行器将飞离遥控者; 当右操控杆向后拉时, 飞行器将飞向遥控



- 1.起飞前的方向定义:将飞行器的前进方向处于您的正前方, (有摄像头一面为前方) 遥控器对直飞行尾部再按一键 起飞,即完成此次飞行无头模式方向定义。
- 2.飞行时按无头模式健遥控器发出"笛、笛"两声,飞行器灯 光快速闪烁即进入无头模式。再按一次遥控发出"笛"一声 即退出无头模式。



# Remote control and aircraft battery installation and charging instructions

# Remote control battery installation:



As shown in the figure according to the electrode box electrode instructions (+ / -) Place the battery correctly (as shown).

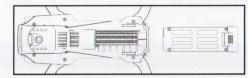
# The aircraft battery is charged

1. Connect the USB cable to the computer to charge: USB charging end connected to the aircraft battery plug, the other end can be connected to the computer USB port to charge the battery, charging lights, full when the lights off.

2. Connecting the aircraft power supply:



Put the charged battery into the battery holder of the aircraft, and then place the battery plug at the power supply on the vehicle Into the socket for power connection, connected to open the aircraft power, then the aircraft lights.

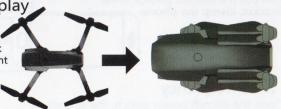




# Aircraft installation

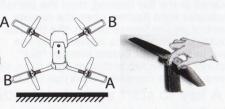
# 1. Folding function display

When folding, please fold the back Show arms, and then folded in front of the arm. Expand the opposite!

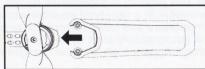


# 2. Aircraft fan installation

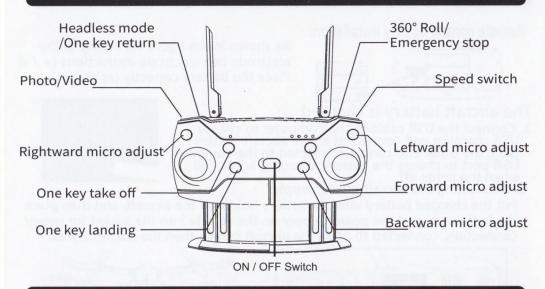
Please follow the correct direction to install the propeller, propeller  $A \subset$ on the sign. Installed to the upper left corner of the aircraft and the lower right corner of the arm, with the phase. With the propeller on the sign B mounted to the upper right corner of the aircraft and the I ower left.Corner of the arm, the installation of the fan folder when the alignment of the cone assembly Square accessories, installed in place after the locking screw!



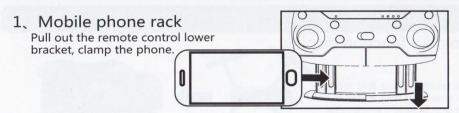
3. Aircraft protection rack installation The protective frame at the aircraft arm position (pictured)Install fastening.



# Remote control function name



#### Remote control



# 2、2.4G frequency

Open the aircraft power switch, the aircraft placed in the flat Ground, then the aircraft indicator light flashes, open the remote control power. Source switch, the throttle joystick pushed to the highest after the pull to the lowest, Buzzer prompt "tick" sound! The aircraft indicator light is on, right Frequency to complete, then you can take off!



3. A key to start and a key landing

Tip: This product is determined by the barometer.In a variety of environmental temperature and other factors, The aircraft will automatically start when flying or low voltage. Appear high and low changes are normal!



1 1

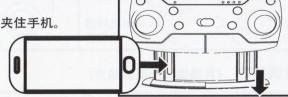
图3

3.WiFi连接好了以后,打开APP,进入主界面,如图2所示,点击"Play"进入操作界面,如图3所示,点击""进入ordinay控制界面,点击"""AItitude HoId"键变为"黑色",进入"AItitude HoId"界面。

4.当视频连接成功后,您可以看到WIFI摄像机通过手机屏幕传输的图像.

#### 遥控器操控

1、手机挂架 拉出遥控器下部支架,夹住手机。



#### 2、2.4G对频

打开飞行器电源开关,将飞行器放置在平整的 地面,此时飞行器指示灯闪烁,打开遥控器电 源开关,将油门操纵杆推到最高后拉至最低, 蜂鸣器提示"嘀"声!飞行器指示灯长亮,对 频完成,此时就可以起飞了!

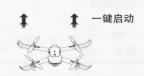




#### 3、一键启动及一键降落

提示:本产品是通过气压计定高,由于各种环境温度等不同因素影响, 开始飞行或低电压时飞行器会自动 出现高低变化均为正常现象!

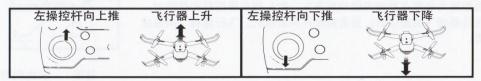




#### I 一键降落

# 4、飞行控制

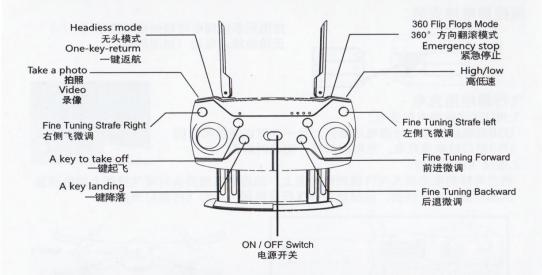
A.油门(左操控杆)



B.前进后退(右操控杆) (有摄像头一面为前方)



#### 遥控器功能名称



#### 下载APP连接

下载实时航拍软件"JY UFO",使飞行器在飞行过程中进行FPV实时传输。









■ 用于国外安卓系统的 APP "JY UFO" (请扫描此二维码安装此软件)



用于国内安卓系统的 APP "JY UFO"

(请扫描此二维码安装此软件)

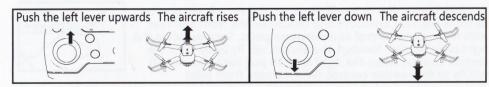
使用前,请先打开飞行器电源开关,将飞行器放在平整的地面,打开手机WiFi链接界面, 连接WiFi名称为(WiFiUFO-###)如图1所示.



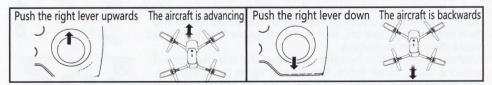


# 4. Flight control

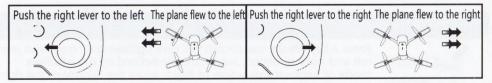
A.Throttle (left lever)



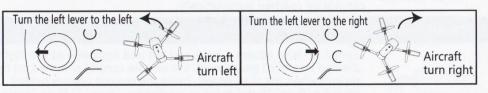
B.Forward and backward (right lever) (with camera front side)



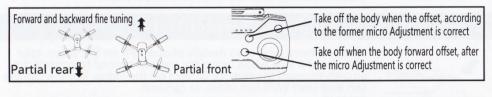
C.Left and right side fly

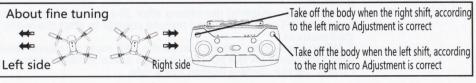


D.Turn left and right (with camera front side)



5. Fine-tuning control (with camera front side)





# Directional definition and mode selection of headless mode

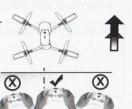
When converting to headless mode, the aircraft will give up its front and rear azimuths, and reposition the front and rear with the remote control as a reference point. Such as: when the right lever to push forward, the aircraft will fly away from the remote control; when the right lever to pull back, the aircraft will fly to the remote control. (With camera front side)







- 1. The direction of the aircraft before departure: the direction of the aircraft forward in front of you, (With the camera side for the front) remote control to the end of the direct flight and then press a key. Take off, that is, to complete the flight head mode direction definition.
- 2. When flying by the headless mode of the remote control issued a "flute, flute" twice, the aircraft lights Light flashing into the headless mode. And then press the remote control issued a "flute" sound Exit the headless mode.



# A key return



Press a key return, the aircraft will give up their own front and rear left and right direction, automatically defined by the headless mode of backward direction of flight, when the control of the right lever when the stop this function

\* Note: This feature can only be done automatically and the flight can not be reached automatically.

# Speed selection



Speed file is to advance, back and left and right side of the flight is divided into third gear speed, the remote control is turned on by default when the slow power, press the remote control button issued a "flute" "flute" twice as midfielder, "flute" "" Flute "press three times for the fast file," flute "soon return to slow file. (Recommended beginners with slow operation)

# The remote control controls the recording



Video, camera keys (and mobile phone APP on the video, take pictures of a key, when using the remote control to control the aircraft through the remote control on the video, like the camera can also start WIFI film video or camera)

1.WIFI aerial version of the phone after 20 seconds after the phone can find WIFI connection and remote control to start the video or take pictures

2. When there is no connection to the APP must be guaranteed WIFI flight card on the SD card storage space remote control camera on the camera button has a role.

#### 遥控器及飞行器电池安装及充电说明

#### 遥控器电池安装:



如图所示依照电池箱的电极指示(+/-) 正确地放入电池(如图所示)。

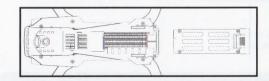
#### 飞行器电池充电

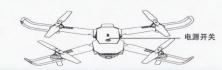
1.用USB线连接电脑充电:

USB充电端连接飞行器电池插头,另一端可以连接电脑的 USB端口给电池充电, 充电时灯亮, 充满时灯灭。

2.连接飞行器电源:

把充电好的电池装入飞行器的电池座上, 然后将电池插头对准飞行器上的电源输 入插口进行电源连接,连接后打开飞行器电源,此时飞行器灯光亮起





#### K行器安装

#### 1、折叠功能展示

折叠时, 请先折叠后面的 展臂,再折叠前面的展臂, 展开则相反



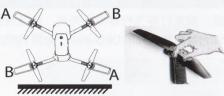


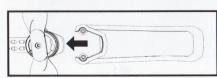
#### 2、飞行器风叶安装

请按照正确的方向安装螺旋桨、螺旋桨上标志A 安装到飞行器左上角和右下角的展臂上、与之相 同. 螺旋桨上标志B安装到飞行器右上角和左下 角的展臂上、安装时请将风叶夹对准牙轮组件的 方形配件上,安装到位后锁紧螺丝!

# 3、飞行器保护架安装

将保护架对准飞行器展臂位置(如图) 安装扣紧。





# 重要安全信息

- (1) 该产品不是玩具,而是将机械、电子、空气力学、高频发射等专业知识整合为一体的精密设备,需要正确组装和调试才可避免事故发生。该产品持有人必须使用安全的方式来操作控制:操作不当,可能引起严重的人身伤害或者财产损失。我们对此不负任何责任,因为我们不能掌控组装、使用、操作的过程。
- (2) 本产品适用于有操作模型经验、年龄不小于14周岁的人群。
- (3) 飞行场所必须是当地合法的遥控模型飞行场地。
- (4) 产品一经售出, 我们将不负任何由操作和使用、控制等方面产生的安全责任。
- (5) 如遇使用、操作、维修等问题,我们委托经销商提供技术支持和售后服务,请与当地经销商联系。

#### 2.安全注意事项:

遥控模型飞行器是高危险性商品,飞行时务必远离人群。人为组装不当或机体损坏、电子控制设备不良,以及操作不熟悉,都有可能导致飞行器损坏或人身伤害等不可预则的意外。请飞行员务必注意安全,并需了解因自身疏忽所造成意外的责任。

(1).远离障碍物及人群

遥控飞行器飞行时具有不确定的飞行速度和状态,存在潜在的危险性。飞行时必须远离 人群、高层建筑、高压电线等,同时避免在风雨、雷雨等恶劣天气飞行,以确保飞行员、 周围人群和财产的安全。

(2).远离潮湿环境

飞行器内部是由许多精密的电子元件和机械零件组成,所以必须防止飞行器潮湿或水气进入机体,以免机械、电子元件故障而引起意外!

(3).安全操作

请根据自身的状态和飞行技能,操作遥控飞行器。疲劳、精神不佳或操作不当,将会增加意外风险的概率。

(4).远离高速旋转部件

当螺旋浆在高速飞转时,请飞行员、周围人群和物体远离旋转部件,以免造成危险及 损坏。

#### 该产品采用的是锂聚合物电池(LiPo)

锂电池不同于一般的电池,它由一层薄锡纸包裹着它的化学内质。这样可以很大程度的减轻它的重量,但却使得它在面对粗暴或不恰当的操作时更脆弱。如同所有电池一样,不恰当的操作会引起火灾爆炸。



- 不要把电池放在模型里进行充电,这样有可能导致电池起火而损坏你 的飞行器。
- 如果您打算一周或更长时间不使用本产品,请让电池保留50%的电量以增长电池的使用寿命。让电池保留50%电量,只需用电池充满电所需时间的一半来充电。
- 请使用原厂配备的专业充电器给电池充电。
- 切勿在地毯上充电,以防起火。
- 锂电池在存放三个月以上后需要进行充电,以维持电压,保证其应有的寿命。

# Aircraft settings reset

1. The reset setting is a horizontal reset of the six-axis gyroscope on the aircraft, and the micro adjustment of the remote control.

2. The operation before the aircraft in the horizontal position, Push the stick as the picture, 2 seconds after the remote control issued (flute) sound, the aircraft quickly flashing lights a few times that the reset set successfully.

3. This function is generally not used, only for aircraft maintenance adjustment or aircraft when a serious offset

\* Emergency landing

1. During the flying time if need urgent stop , press the button ( as picture shown ) ,the drone will stop working. ( Please do notattemp this operation while the drone regular flying in high altitude )

2. When the drone lean over 45 degrees , it will stop

for protect the engine.

When use the App control the drone, slide the throttle down, and press the one key take off button, it will emergency landing.





#### Problem guide

Ask questions	The original for	Approach		
Connect the flying saucer patteries and flyThe indicator ight on the dish continues licker, operation no response		Please re-perform the remote control and the flying sauce		
Connect the flying saucer battery. There's nothing wrong with the orbiter should.  1. Check if the remote control and the flyin saucer are powered on 2. Check whether the remote control and the power state 3. Is the battery positive and negative		1. Turn on the remote control and insert the UFO battery. 2. Use full charge Full battery 3. Reinsert the battery and confirm that the battery and battery are positive or negative Pole piece of contact is normal.		
ush the throttle lever.The notor does not turn and flies he indicator light on the disc larts flashing  UFO lithium battery power shortage		Charge the battery or replace another fully charged battery		
The flying saucer main rotor continues Turn but cannot take off	The main rotor deformation     UFO battery power shortage	Replace the main rotor     Charge or replace the battery with another battery		
The flying saucer vibrates badly	Main rotor deformation	1. Replace the main rotor		
The flying saucer will still go on or on After moving	The gyroscope is not at all right	The remote control can be automatically corrected mode or restart the re-frequency		
The flying saucer fell behind and lost flat On the fly.  The gyroscope is not at all right		The remote control can be automatically corrected mode, or restart the re-frequency		

#### **Download APP connection**

Download real-time aerial photography software "JY UFO", so that the aircraft during the flight FPV real-time transmission.







For the Apple IOS system APP "JY UFO"

(Please scan this twodimensional code to install this software)



Used for foreign Andrews system APP "JY UFO" Please scan this two dimensional code to install this software)



For the domestic Andrews system APP "JY UFO" Please scan this two dimensional code to install this software)

Before use, please open the aircraft power switch, the aircraft on the flat ground, open the phone WiFi link interface, Connect WiFi name to (WiFiUFO - ###) as shown in Figure 1.

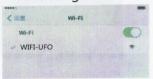






figure 2

Figure 3

- 3.WiFi connected later, open the APP, enter the main interface, as shown in Figure 2, Click "Play" to enter the user interface, as shown in Figure 3, click "" to enter ordinay control interface, click "" "Altitude hold " key to become "Black", enter the "Altitude hold " interface.
- 4. When the video connection is successful, you can see the WIFI camera through the phone screen Transfer the image.

#### 2. Key function description



- 1. Accelerator
  2/3. Left / right rotation
  4/5. Left and right side fly
  6/7. Forward, backward
  8/9. Forward/ backward trim
  10/11. Left / right spin fine tuning
  12/13.Left / right side fine tuning
- 14. Take pictures 15. Video recording

- 16. Media Library 17. Speed: 30% / 60% / 100% 18. Set high 19. Gravity sensing mode 20. Show / hide virtual joystick 21. Show / hide settings 20. Show / hide virtu 21. Show / hide setti 22.The lens is revers 23. 3D display 24. Headless mode
- The lens is reversed
- 25. Gyro calibration 26. Custom route 27. 360 ° roll 28. A key stop 29. A key to take off 30. A key drop 31. A key to unlock

- 32. Voice command control Control of aircraft commands: Move forward, back, fly on the right, fly on the left

# 可折叠飞行器



使用前请先完整阅读说明书(注意及警告部分请详细阅读)保存好此说明书以供日后使用参照

Number	Name	Quantity	Number	Name	Quantity
01	Main body cover	1	08	PCB board	1
02	Main body under cover	1	09	Motor	4
03	Leaves	4	10	Gear	4
04	Front left axis	1	11	Battery	1
05	Front right axis	1	12	USB charger	1
06	Behind left axis	1	13	Camera board	1
07	Behind right axis	1	CF		

1. The gravity sensor mode: click on the icon to enter the gravity sensor mode, after the success of the icon shows the yellow, so that you can shake the phone to control the aircraft forward, back, left fly, the right side of the fly. Click the icon again to return to the bar model!



2, take pictures: the aircraft flying to the air, control the direction to the need to take pictures of the location, click the camera icon, each shot a picture! After shooting to control the direction of the remote bar to change the camera target! Each time taking pictures for 0.5-1 seconds,

Note: Before operating this function, you must skillfully operate the four-axis aircraft.



#### 3. Unlock the four-axis aircraft

Open the four-axis aircraft power switch, click on the high icon in Figure 1, and then click on the button in Figure 2 to unlock the icon, this time the aircraft propeller low-speed rotation.



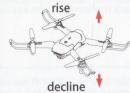
figure 1

figure 2

Note: The camera lens of the four-axis aircraft indicates the front of the aircraft

Push the left joystick (throttle), the main motor speed increases, the four-axis aircraft rise. Push down the left joystick (throttle), the main motor speed down, four-axis aircraft down.





Left push the left joystick (throttle), turn left the four-axis aircraft, push the left joystick to the right (throttle), turn right at the four-axisaircraft.





1

Push the right joystick up (rudder), the four-axis aircraft to moveforward; push down the right joystick (rudder), the four-axis aircraft to the back.





Push the right joystick to the right (rudder), the right side of the four-axis aircraft, and the right lever (rudder) to the left, the left side of the four-axis aircraft.



Note: Push the left joystick (throttle) to take off. When thefour-axis aircraft is turned in the air or laterally, use the fine adjustment function to correct the action.

If the four-axis aircraft take the clockwise rotation, adjust the right-hand fine-tune key until it returns to normal.





If the four-axis aircraft take off directly counter clockwise rotation, then adjust the left rotation fine-tuning key,





If the four-axis aircraft drifts directly to the left when taking off, press the right side to fine-tune the key until it returns to normal.





If the four-axis aircraft drifts directly to the right when taking off, press the left side to fine-tune the key until it returns to normal.





If the four-axis aircraft is moved backwards forward, press the forward trim key until it returns to normal.





If the four-axis aircraft moves forward directly forward, press the back-tune key until it returns to normal

Note: When the four-axis aircraft is less than 30 cm from the ground, it will be affected by the eddy currents generated by the ground, and will become unstable, which is the "ground effect", the more the four-axis aircraft, the greater the ground effect force.





#### Product main accessories name







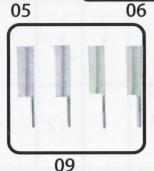




















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