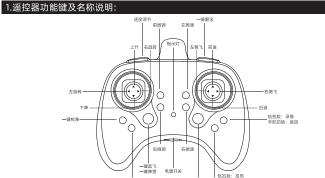
# 四轴空中飞行器

使用说明书



感谢您购买本公司产品,为能正确使用及确保您的安全,使用产品前请仔细阅读本使用说明书,并

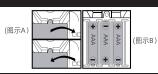


		长按急停 一鞭后退 非航拍版: 租版
序号	功能键及名称	作用
1	速度控制键	轻触调节飞行器的左/右转/前进/后退/左/右侧飞的速度。
2	一键翻滚	此按键为翻滚功能键,操控飞行器实行翻滚操作。
3	拍照	轻触进入拍照功能,再按取消功能。
4	录像	轻触进入录像功能,再按取消功能。
5	前进微调键	在飞行器向后移动时,调整前进微调,直到无人机不会向后移动为止。
6	后退微调键	在飞行器向前移动时,调整后退微调,直到无人机不会向前移动为止。
7	右侧飞微调键	在飞行器向左移动时,调整右侧飞微调,直到无人机不会向左移动为止。
8	左侧飞微调键	在飞行器向右移动时,调整左侧飞微调,直到无人机不会向右移动为止。
9	左操纵杆	上升/下降, 左/右转向。
10	右操纵杆	前进/后退, 左/右侧飞。
11	一件起飞/降落	轻触此键,飞行器上升一定高度;正常飞行状态下,再轻触此键,飞行 器缓慢着落到地面。长按此键可使飞行器迅速掉落。
12	一键后退	按下一键后退时,飞行器将放弃自身的前后左右方位,自动以后退方向 飞行,当操作右操控杆时即停止此功能。
13	电源开关	向左拨关闭遥控器,向右拨打开遥控器。
14	一键校准	将飞行器放置水平面,按下一键校准,飞行器自动校正
15	一键急停	在飞行过程中飞行器发生碰撞,无法控制时,请立即使用急停功能键实现 急停,正常情况下不可用。

## 2.遥控器电池安装说明:

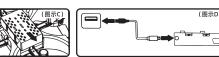
2.3 盖上电池盖。

2.1 打开遥控器背面的电池盖。(图示A) 2.2 按照电池箱内的电极指示正确装入3颗 7号(AAA)电池。(图示B)不可混用新旧



## 3.飞行器锂电池充电使用说明:

3.1 将锂电池模块从飞行器电池槽中抽出。(图示C) 3.2 将USB充电线插头插入USB电源插口中,然后把另一端连接锂电池模块的充电插口上;当充电时, LED灯常亮,充电结束时,LED灯熄灭,充电时间约为120-150分钟左右。(图示D) 3.3 充电完成后,把锂电池模块按下图所示安装进入电池槽中。(图示E)



确保充电器的电压和插头符合你当地的标准。(电池需存放在阴凉处避免暴晒)

本充电方式采用先进的平衡充电方式,为安全充电,不要随便改用其他充电器为锂电池充电,以免发生 爆炸的危险。 5、在飞行器刚刚完成飞行时,电池温度较高最好等候30分钟左右待电池冷却后再给锂电池充电,否则会损坏电池。(飞行器在不使用情况下需把电池取出,并以80%的电量存放以延长电池寿命) 6、不要把电池投入火里,以免发生爆炸的危险。

充电时, 如充电插头过热, 表示过分充电, 对电池有损害, 严重时造成电池永久损坏。请立即停止充电.

## 4.飞行前环境要求:

请选择空旷的室内或无雨雪、无风的室外环境飞行,飞行时请远离人群、树木、电线、高大建筑物、机 场和信号发射塔等。









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5.飞行前准备说明:

5.2 校准陀螺仪操作

飞行器与遥控器对频成功后,可对飞行器进行校正,将油门操纵杆和方向操纵杆同时按照图示方向打 向中间,此时飞行器指示灯快速闪烁,待指示灯常亮,松开遥控器全部按键,校正完成。 ① 特别提示:如果飞行器起飞偏飞也可以通过校正陀螺仪的方法进行修正。

1.把飞行器电池和摇控器电池安装好,打开飞行器电源开关,机身亮灯闪烁后放在水平地面上,

2.先打开飞机开关,再打开遥控器开关,等待2-3秒,飞行器灯从闪烁到常亮就对频完成了。(重要提



示:产品对频须按步骤操作,不然容易出现连接和操控不良。)

△注意:校正必须要在水平面才可以完成校正。



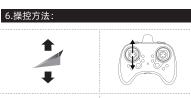
## 5.3 一键起飞与降落

当解锁完成后,短按遥控器一件起飞按键(图示3),飞行器自动上升为1米左右的高度,并保持此高 





△飞行步骤提示: 对频 (参考5.1) → 陀螺仪校正 (参考5.2) → 一键起飞/一键降落(参考5.3)



当左操纵杆(油门)向上推, 主风叶 转速增大,飞行器升高。 当左操纵杆(油门)向下推,主风叶 转速减慢,飞行器下降。





当右操纵杆(方向舵)向上推,飞行 当右操纵杆(方向舵)向下推,飞行



警告 当飞行器在离地面30CM的位直,飞行研云又却只见不见""。 "地效反应"。当无人机高度越低时,地效反应的影响越大。 当飞行器在离地面30CM的位置,飞行器会受到自身桨叶涡流的影响而变得不稳定,这就叫

器机身偏向右侧飞行。

当左操纵杆 (方向舵) 向左推, 飞行

器机头向左转。向右推,飞行器机头

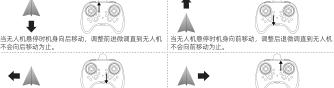
当右操纵杆(方向舵)向右推,飞行

当右操纵杆(方向舵)向左推,飞行

无人机在飞行中如果没有推动方向舵操作杆,仍然在空中打转或偏飞时,可以使用微调功能,对方向 舵进行调整,操作方式如下







当无人机悬停时机身向左侧飞,调整右侧飞微调,直到无 当无人机悬停时机身向右侧飞,调整左侧飞微调直到无人 人机不会向左移动为止。 8.速度切换:

飞行器开机默认为低速模式,可以通过速度控制键进行速度切换: "嘀" 一声为低速模式, "嘀~嘀~' 两声为中速模式,"嘀~嘀~嘀"三声为高速模式。

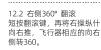
1.无头模式下的一键后退功能:按一键后退时,飞行器立即停止当前在执行的飞行动作,向着遥控器所在的方向后退飞行,摇动操作杆后则退出此功能,如果遥控器不做任何操作飞行器将一直保持后退 2.非无头模式下的一键后退功能:按一键后退时,飞行器立即停止当前在执行的飞行动作,向着飞行 器尾部的方向后退飞行,摇动操作杆后则退出此功能,如果遥控器不做任何操作飞行器将一直保持后 退飞行的状态。

## 10.一键急停:

在飞行过程中飞行器发生碰撞,无法控制时,请立即使用急停功能键实现急停,正常情况下不可用。

飞行器通过下面的摇杆操作可以做360"的飞行。 为了更好的执行翻滚功能,请确保飞行器电量充足,及与地面保持1.5米左右的高度,最好在上升的 过程中操作飞行器进行翻滚,这样飞行器翻滚后更容易保持高度。电量不足时,翻滚会出现掉高度或 无法翻滚,请及时充电,体验更多飞行乐趣。





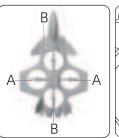


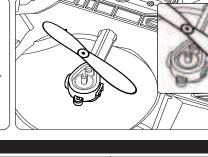






请根据下图所示。更换风叶部分直接插拔即可。 取下风叶后讲行更换。确保所有的螺旋奖安装在正确





13.解决问题指引:		
问题	原 因	解决办法
飞行器指示灯闪烁操作无反应	1.飞行器与遥控器未对频成功 2.飞行器电量不足	1.将飞行器与遥控器重新对频(5.1) 2.为电池充电(3)
飞行器桨叶转动但飞不起来	1.电池电量不足 2.桨叶变形	1.为电池充电(3) 2.更换桨叶(13)
飞行器震动得厉害	桨叶变形	更换桨叶(13)
微调调到底了但仍不能使飞行器平稳	1.紫叶变形 2.马达不良	1.更换奖叶(13) 2.更换马达
撞击后再次启动飞行器不受控制乱飞	三轴加速度传感器因撞击失去平衡	将飞行器静放5-10秒后,或者通过校正陀螺仪修正,就可以了(5.2)
一个电机不转	电机卡住	1.清理干净电机风叶卷到的异物头发 2.把风叶向上轻轻拨一下,重启并校正陀螺仪后起飞(5.2)

## 14.注意事项:

1.包装和说明书含有重要信息,应保留。

1. 已交付的明节占有量安信运,加味曲。 2.此款飞行器你有责任确保不会对他人的人身及财产造成伤害。 3.调试安装飞行器须严格按照操作说明书上操纵,注意飞行器飞行时与使用者或其他人保持2-3米的

距离避免飞行器飞行、降落时撞向人的头部,脸部和身体等,引起伤害。 4.我司和销售商对因使用或操作不当而引起的任何损失和损坏以及人体的伤害不负任何责任。 5.儿童操作飞行器时应由成年人从旁指导,本产品禁止14岁以下儿童操作。

6 请遵照说明书或包装说明要求正确安装和使用,部分零件应由成人组装。 7.产品含有小零件,请将其放置于小孩不能触及的地方,防止产生误食或窒息危险。

8.严禁在马路上或积水的地方玩耍,以免造成意外。

5.1 赤红与阳土345小小时运力协会,从先追成总对。 9.请及时将包装材料收起,以免对儿童造成伤害。 10.不要拆卸或改装飞行器,拆卸或改装可能会使飞行器出现故障。 11.充电线需插入与产品标示相同的指定电源5V=2A中。

12.使用其他充电线会造成电池损坏并可能引发意外的危险。 13.充电线不是玩具。 14.给充电电池充电时,必须由成年人监护下进行,充电时必须远离易燃物,充电时监护人请不要离

开监视范围外。 15.请不要短路、挤压电池,以免发生爆炸。

16.不可混用不同类型的锂电池。 17.飞行器使用可充电锂电池,需拔出充电。 18.切勿将电池短路、分解或投入火中:切勿将电池放在高温、受热的地方(如火中或电热装置附近)。

19. 飞行器要在尽可能远离其他电器设备和磁性物件的地方使用,它们可能会造成相互干扰。 20.请与高速旋转的螺旋浆保持安全距离,以免发生绞伤、割伤危险。

21.电机为发热部件,请勿触摸,以免烫伤。 22.发光二极管激光辐射,勿直射光束。 23.模型不要靠近耳朵使用I误用可能导致听力损坏。

24.US8充电线必须使用本公司提供的数据线给电池充电,否则会造成电池的损坏严重时会引发意外的

25,为保证航空无线电台磁环境的要求。在国家有关部门发布无线电管制命令期间,区城内、应该按

26.飞行器电池电量用完务必关掉开关拔下电池,静止30分钟后充电,否则容易造成电池损坏。

△ 特别说明: 产品具有气压定高功能,但不俱备定点效果,停在空中不控制时,产品在空中会在同一 高度上略微移动。

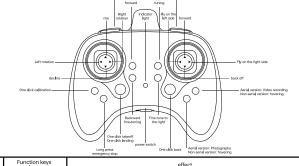
# Suitable for ages 14 and above

# Quadcopter



Thank you for purchasing our company's product. In order to use it correctly and ensure your safety, please carefully read this user manual before using the product and keep it properly for future reference.

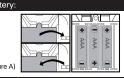
# 1. Function keys and name description of remote contro



number	and names	effect
1	Speed control key	Lightly adjust the speed of the aircraft's left/right/forward/backward/left/right flight.
2	One click rolling	This button is the roll function key, which controls the aircraft to perform roll operations.
3	photograph	Tap to enter the camera function, then press the cancel function.
4	videotape	Tap to enter the recording function, then press the cancel function.
5	Forward fine-tuning key	When the aircraft moves backwards, adjust the forward adjustment until the drone no longer moves backwards.
6	Back fine-tuning key	When the aircraft moves forward, adjust the backward fine-tuning until the drone no longer moves forward.
7	Right side fly fine -tuning key	When the aircraft moves to the left, adjust the right side flight adjustment until the drone no longer moves to the left.
8	Left side fly fine adjustment key	When the aircraft moves to the right, adjust the left side flight adjustment until the drone no longer moves to the right.
9	Left joystick	Ascend/descend, turn left/right.
10	Right joystick	Forward/backward, fly left/right.
11	One takeoff/landing	Touch this button to raise the aircraft to a certain altitude; Under normal flight conditions, touch this button again and the aircraft will slowly land on the ground. Long press this button to quickly drop the aircraft.
12	One click back	When the one button is pressed to reverse, the aircraft will abandon its forward, backward, left, right orientation and automatically fly in the reverse direction. This function will stop when the right joystick is operated.
13	power switch	Turn left to turn off the remote control, turn right to turn on the remote control.
14	One click calibration	Place the aircraft on a horizontal surface, press the one button calibration button, and the aircraft will automatically calibrate.
15	One click emergency stop	When the aircraft collides during flight and cannot be controlled, please immediately use the emergency stop function key to achieve an emergency stop, which is not available under normal circumstances.

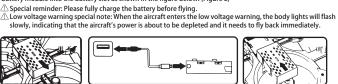
# 2. Installation instructions for remote control bat

2.1 Open the battery cover on the back of the remote trol. (Figure A) 2.2 Install 3 AAA batteries correctly



# 3.1 Remove the lithium battery module from the aircraft battery compartment. (Figure C) Then connect the other end to the charging port of the lithium battery module; When charging, insert the USB charging cable plug into the USB power socket, and the LED light will stay on. When charging is complete, the LED light will

turn off, and the charging time is about 120-150 minutes. After charging is completed, install the lithium battery module into the battery slot as shown in the figure below. (Figure E)



(Figure C) be careful:

1. Ensure that the voltage and plug of the charger comply with your local standards. (The battery should be stored in a cool place to avoid direct sunlight exposure)

2. When charging, if the charging plug overheats, it indicates overcharging, which can damage the battery and, in severe cases, cause permanent damage to the battery. Please stop charging immediately

3. Personnel must not leave while charging.

4. This charging method adopts advanced balanced charging method. For safe charging, do not use other chargers to charge lithium batteries casually to avoid the risk of explosion.

5. When the aircraft has just completed its flight, it is best to wait for about 30 minutes for the battery temperature to cool down before charging the lithium battery, otherwise it will damage the battery. (The aircraft needs to remove the battery when not in use and store it at 80% of its capacity to extend battery life).

6. Do not put the battery into fire to avoid the risk of explosion.

1. Ensure that the voltage and plug of the charger comply with your local standards. (The battery should be

## 4. Pre flight environmental requirements:

6. Do not put the battery into fire to avoid the risk of explosion.

Please choose to fly in an open indoor environment or an outdoor environment without rain, snow, or wind. When flying, please stay away from crowds, trees, power lines, tall buildings, airports, and signal transmission tower





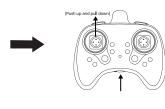


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5.1 Aircraft Frequency Response



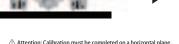
5.2 Calibration of Gyroscope Operation

After successful frequency matching between the aircraft and the remote control, the aircraft can be calibrated by simultaneously turning the throttle control lever and direction control lever towards the center according to the direction shown in the diagram. At this time, the aircraft indicator light flashes rapidly. When the indicator light stays on, release all buttons on the remote control to complete A Special reminder: If the aircraft takes off off, it can also be corrected by calibrating the gyroscope

1. Install the aircraft battery and remote control battery, turn on the aircraft power switch, turn on the flashing lights on the fuselage, and

2. First turn on the aircraft switch, then turn on the remote control switch, wait for 2-3 seconds, and the aircraft lights will go from flashing to constant on to complete the frequency matching. (Important reminder: The product must be operated according to the steps







5.3 One click takeoff and landing
After unlocking is complete, press the takeoff button on the remote control briefly (as shown in Figure 3), and the aircraft will automatically rise to a height of about 1 meter and maintain stable flight at this height. If landing is required, touch this button again,





upwards, the speed of the main fan blades increase: and the aircraft rises. When the left control lever When the left control lever (rudder) is pushed to the

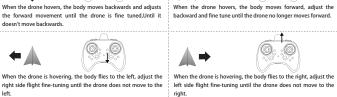
upwards, the aircraft moves forward. When the right control lever F (rudder) is pushed down, the aircraft

left, the aircraft body tilts to the left for flight. When the aircraft is 30CM above the ground, it becomes unstable due to the influence of its own blade vortices, which is

left, the aircraft nose turns left. Push to the right, the

When the right control lever (rudder) is pushed to the right, the aircraft body tilts to the right for flight.

1





1

1. One key reverse function in headless mode: When the one key reverse is pressed, the aircraft immediately stops the current flight action and the backwards in the afrection of the remote control. Arter shaking the control lever, this function is exited. If the remote control one to preform any operation, the aircraft will continue to fly backwards. 2. One key reverse function in no headless mode: When the one key reverse is pressed, the aircraft immediately stops the current flight action and flies backwards towards the tail of the aircraft. After shaking the control lever, this function is exited. If the remote control does not make any operation, the aircraft will remain in a backward flight

# When the aircraft collides during flight and cannot be controlled, please immediately use the emergency stop function key to achieve an emergency stop, which is not available under normal circumstances.

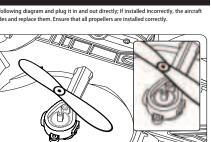
The aircraft can perform a 360 "flight by operating the joystick below. To better perform the rolling function, please ensure that the aircraft The action to power and maintains a height of about 1.5 meters from the ground. It is best to operate the aircraft to 101 during the ascen process, so that it is easier to maintain altitude after rolling. When the battery is low, rolling may cause altitude drop or inability to roll Please recharge in time to experience more flying fun.

5

## Short press the roll button, then push the right joystick to the left, and the aircraft will turn 360 ° to the left accordingly. 12.2 Right 360 ° Roll the right sour non short press the roll button, then push the right joystick to the right, and the aircraft will turn 360 degrees to the







prob <b>l</b> em	reason	terms of settlement
The aircraft indicator light flashes and there is no response to the operation	The aircraft and remote control did not successfully match frequency. 2. The aircraft's battery is low	Re align the aircraft with the remote control (5.1)     Charging the battery (3)
Aircraft blades rotate but cannot fly	Insufficient battery power     Blade deformation	Charge the battery (3)     Replace the blade (12)
The aircraft is shaking violently	Blade deformation	Replace blade (12)
Fine tuned to the end, but still unable to make the aircraft smooth	Blade deformation     Motor malfunction	Replace the blade (12)     Replace the motor
After the impact, the aircraft was restarted and flew uncontrollably	Three axis acceleration sensor loses balance due to impact	After letting the aircraft rest for 5-10 seconds, or by correcting the gyroscope, it can be done (5.2)
A motor does not rotate.	Motor stuck	Clean up any foreign objects or hair on the motor far blades. 2. Gently turn the fan blades upwards, restart and calibrate the gyroscope before taking off (5.2)

The product has a high pressure setting function, but does not have a fixed point effect. When stopped in the air without control, the product will move slightly at the same height in the air.

1. The packaging and instructions contain important information and should be retained.

 You are responsible for ensuring that this aircraft will not cause harm to others' personal or property.
 When debugging and installing the aircraft, it is necessary to strictly follow the operating instructions, and pay attention to maintaining a distance of 2-3 meters from the user or other people during flight to avoid hitting people's heads, faces, and bodies during flight or landing, which may

4. Our company and the seller are not responsible for any loss, damage, or bodily injury caused by

improper use or operation. 5. Children should be guided by adults when operating aircraft, and this product is prohibited for 6. Please follow the instructions or packaging instructions for correct installation and use. Some

omponents should be assembled by adults. 7. The product contains small parts, please keep them out of reach of children to prevent the risk of accidental ingestion or suffocation. 8. It is strictly prohibited to play on the road or in areas with accumulated water to avoid accidents.

9. Please promptly put away the packaging materials to avoid causing harm to children.10. Do not disassemble or modify the aircraft as it may cause malfunctions.

11. The charging cable should be plugged into the designated power supply 5V-2A that matches the Using other charging cables may cause battery damage and pose a risk of accidents,

13. Charging cables are not toys.

14. When charging a rechargeable battery, it must be done under the supervision of an adult, and flammable materials must be kept away during charging. The guardian should not leave the

monitoring area during charging. 15. Please do not short-circuit or squeeze the battery to avoid explosion. 16. Do not mix different types of lithium batteries. 17. The aircraft uses rechargeable lithium batteries, which need to be unplugged for charging.

18. Do not short-circuit, disassemble, or put the battery into a fire: Do not place the battery in a high temperature or heated place (such as in a fire or near an electric heating device). Aircraft should be used as far away as possible from other electrical equipment and magnetic objects,as they may cause mutual interference.

 $20. \, Please \, maintain \, a \, safe \, distance \, from \, the \, high-speed \, rotating \, propeller \, to \, avoid \, the \, risk \, of \, twisting \, distance \, from \, the \, high-speed \, rotating \, propeller \, to \, avoid \, the \, risk \, of \, twisting \, distance \, from \, the \, high-speed \, rotating \, propeller \, to \, avoid \, the \, risk \, of \, twisting \, distance \, from \, the \, high-speed \, rotating \, propeller \, to \, avoid \, the \, risk \, of \, twisting \, distance \, from \, the \, high-speed \, rotating \, propeller \, to \, avoid \, the \, risk \, of \, twisting \, distance \, from \, the \, high-speed \, rotating \, propeller \, to \, avoid \, the \, risk \, of \, twisting \, distance \, from \, the \, high-speed \, rotating \, propeller \, to \, avoid \, the \, risk \, of \, twisting \, distance \, from \, the \, high-speed \, rotating \, distance \, from \, the \, high-speed \, rotating \, distance \, distance \, from \, the \, high-speed \, rotating \, distance \, dista$ 21. The motor is a heating component, please do not touch it to avoid burns.

23. Do not use the model near your ears! Misuse may lead to hearing loss. 24. The U58 charging cable must use the data cable provided by our company to charge the battery, otherwise it may cause damage to the battery and pose a serious danger of accidents

Wait for 30 minutes before charging, otherwise it may cause battery damage.

25. To ensure the requirements of the magnetic environment for aviation radio stations. During the period when relevant national departments issue radio control orders, the use of model remote controllers should be stopped within the district as required. 26. When the aircraft battery is fully charged, be sure to turn off the switch and unplug the battery.

## **FCC Warning**

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.

## \* RF warning for Portable device:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.