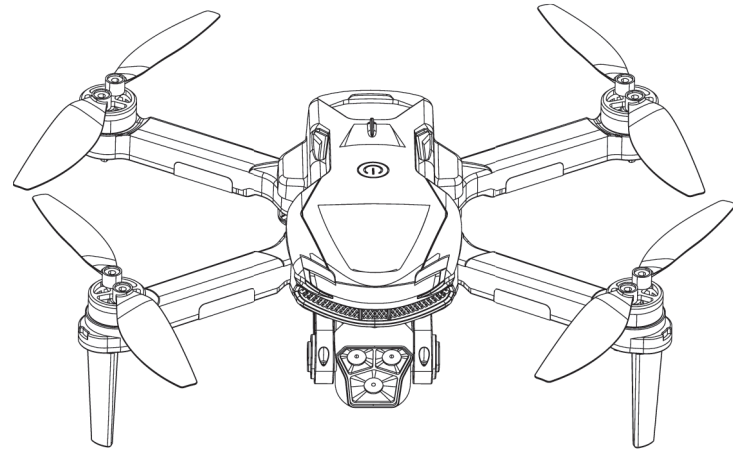


折叠飞行器用户手册



操作教程视频

扫一扫观看

- 限于原厂配备充电器 (USB) 进行充电。
- 充电时人员切勿离开。
- 电池需存放在阴凉处，避免暴晒。

2.4 GHZ EDITION

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

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、高频等专业和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，我们将不负任何操作、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，我们要找经销商提供技术支持和售后服务，请与当地经销商联系。

安全注意事项:

- 遥控模型飞行器属高危险商品，飞行时必须远离人群。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，都有可能造成飞行器损坏或人身伤害等不可预测的意外。请飞行员务必注意安全，并充分了解自身疏忽所造成的责任。
- (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、雷电等恶劣天气飞行，以确保操作员、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组成，所以必须防止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，将增加意外风险的概率。
 - (4) 远离高速旋转部件
当螺旋桨在高速旋转时，请操作员、周围人群和物体远离旋转部件，以免造成危险及损坏。

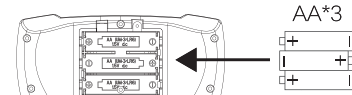
锂聚合物电池 (LiPo)

锂电池不同于一般的电池，它由一层薄铝箔包裹着它的化学物质，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造成损失；
- 如果您打算一用或更长时间不使用本产品，请让电池保留50%的电量以增加电池的使用寿命。让电池保留50%的电量，只需要电池充满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后需要进行充电，以维持电压，保证其应有的寿命。

遥控器及飞行器电池安装及充电说明

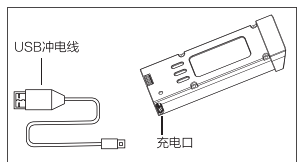
1、遥控器电池安装



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)

2、飞行器电池充电

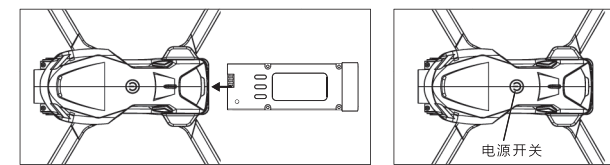
- (1) 将飞行器的电池从飞行器机身上取下；
- (2) 将电池与专用充电线连接，再将充电线插入电脑USB端口等充电设备中；
- (3) 充电时亮红灯，充满灯灭；



充电时间约80-100分钟

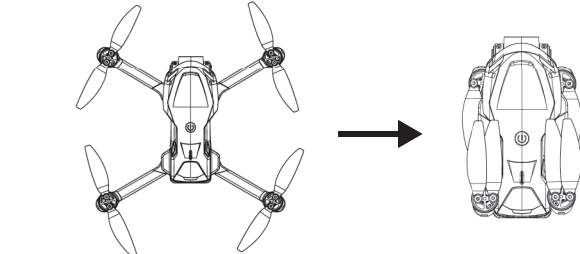
3、飞行器电池安装与启动

将充满电的电池装入飞行器的电池槽中，按住电源开关不放直到飞行器灯光亮起。



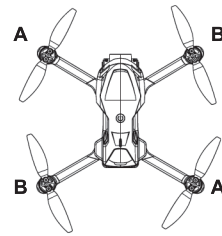
飞行器安装

1、折叠功能

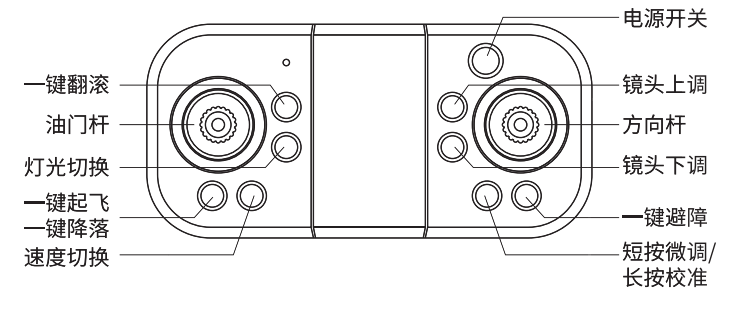


2、飞行器风叶安装

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，螺旋桨上标志B安装到飞行器右上角的左下角的展臂上，安装到位后务必锁紧螺丝。



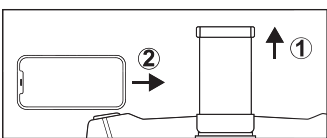
遥控器功能说明



遥控器操控

1、手机挂架

翻开遥控器手机支架，夹住手机。



2、2.4G对频

打开飞行器电源开关，将飞行器放置于平整的地面上，此时飞行器指示灯闪烁，打开遥控器电源开关，将动力操作杆推至最高处停留1秒再拉到最低处，蜂鸣器提示“滴”声，飞行器指示灯长亮，对频完成，此时就可以起飞了。

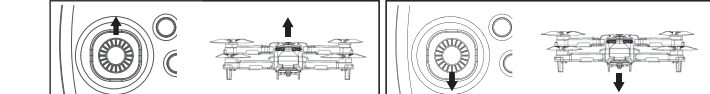
3、一键起飞与一键降落

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出现高度变化均为正常现象。

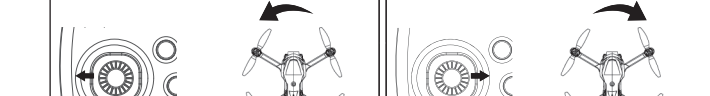
必须在2.4G对频完成后才能操作

4、飞行控制

● 油门（左摇杆）



● 旋转（左摇杆）



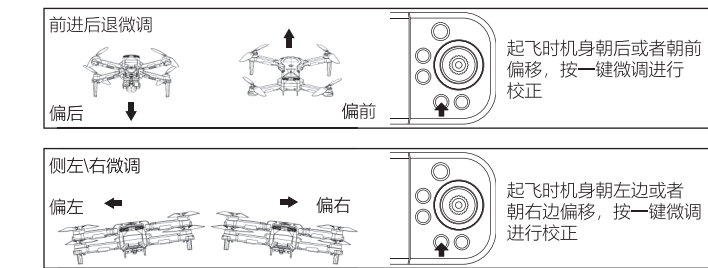
● 前进后退（右摇杆）



● 左右侧飞（右摇杆）



5、微调控制



避障默认关闭

打开飞机后按下避障模式按钮，在飞行速度一档的情况下启动避障感应模式，二档、三档且会自动关闭模式或者再次短按避障开关则是关闭。

快慢档选择

快慢档是把前进、后退、和左右侧分为三档速度，遥控器开启电源后默认为慢档，按下遥控器键发出“滴”声两声为中档速度，“滴”“滴”“滴”三声为快档速度，“滴”一声返回慢档。（建议初学者用慢档操作）

飞行器设置复位

新手在操作本款飞行器时，如果起飞后飞行不稳定，出现往一个方向慢慢漂移时，可采用陀螺仪水平校正功能给飞行器校正。如右图，开机2.4G对频完成后，将飞行器放置于平整的地面上，遥控器手柄同时打向内侧，蜂鸣器发出“滴”提示音，飞行器灯光闪烁后长亮，说明校正完成。

紧急停止

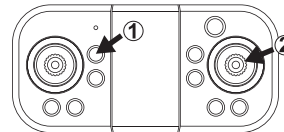
- 1、当飞行器倾斜角度超过60度时，飞行器将停止转动；
- 2、当螺旋桨被卡住时会自动停止电机转动；

360° 翻滚

实现步骤:

- 1、按一下 360° 翻滚键，此时遥控器持续发出“滴”“滴”“滴”
- 2、推动右摇杆，此时飞行器会根据右摇杆推动方向做360° 翻滚

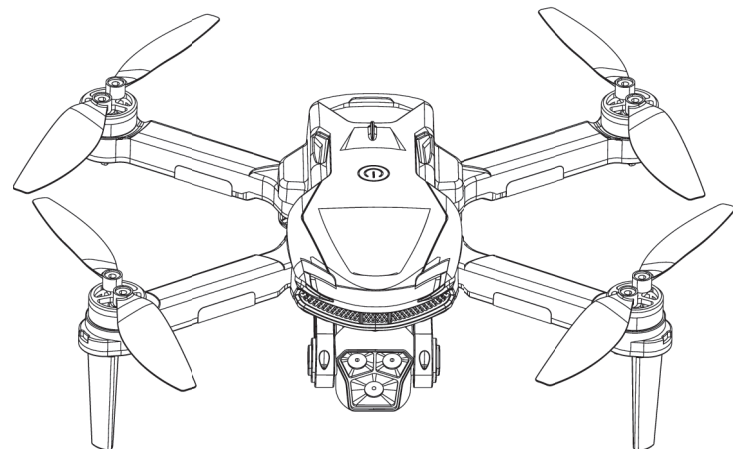
⚠ 当飞行器进入低电压状态时自动禁止360° 翻滚功能



解决问题指引

问题	原因	处理方法
飞行器接上电池后指示灯持续闪烁，操作无反应	飞行器与遥控器2.4G对频未成功	请重新执行飞行器与遥控器2.4G对频
接上电池后无任何反应	(1) 检查遥控器或飞行器是否通电 (2) 检查遥控器或飞行器电池是否出现低电压 (3) 电池正负极片是否接触不良	(1) 重新安装电池 (2) 充电或更换新电池 (3) 确认电池正负极片安装正确
推动油门杆时电机不转动，且飞行器的指示灯一直闪烁	飞行器电池电量不足	将电池充电或更换一个满电的电池
飞行器螺旋桨持续转动但不能起飞	(1) 螺旋桨变形 (2) 飞行器电池电量不足	(1) 更换螺旋桨 (2) 将电池充电或更换一个满电的电池
飞行器振动的很厉害	螺旋桨变形	更换螺旋桨
飞行器出现总往一个方向漂移	飞行器上陀螺仪中心点不对	重新进行水平校准或重新开机重新对频
飞行器跌落失去平衡不能起飞	飞行器上陀螺仪中心点不对	重新进行水平校准或重新开机重新对频

Quadcopter



Operation Tutorial



Scan and Watch

- Limited to the original factory equipped with charger (USB) for charging.
- Do not leave when charging.
- The battery should be stored in a cool place to avoid exposure to the sun.

2.4 GHZ EDITION

Read the manual completely before use (please read the caution and warning section). Save this manual for future reference

Important safety information:

- (1) This product is not a toy, but a precision device that integrates professional knowledge such as machinery, electronics, aerodynamics, and high frequency. It needs correct assembly and debugging to avoid accidents. The product holder must use a safe way to operate and control; improper operation may cause serious personal injury or property damage. We are not responsible for this because we cannot control the process of assembly, use, and operation.
- (2) This product is suitable for people who have experience in operating models and are not less than 14 years old.
- (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 arising from operation, use, control, etc.
- (5) In case of problems such as use, operation and maintenance, we entrust the distributor to provide technical support and after-sales service, please contact the local distributor

Safety Precautions:

The remote-controlled model aircraft is a high-risk commodity, so keep away from the crowd when flying. Improper human assembly or damage to the fuselage, poor electronic control equipment, and unfamiliar operation can all lead to unpredictable accidents such as damage to the aircraft or personal injury. Pilots must pay attention to safety and understand the responsibilities caused by their own negligence.

- (1) Keep away from obstacles and crowds
The RC aircraft has uncertain flight speed and state when flying, and there is potential danger. When flying, you must stay away from crowds, high-rise buildings, high-voltage power lines, etc. At the same time, avoid flying in bad weather such as wind, rain, lightning, etc., to ensure the safety of pilots, surrounding people and property.
- (2) Keep away from humid environment
The interior of the aircraft is composed of many sophisticated electronic originals and machinery, so it is necessary to prevent moisture or moisture from entering the body to avoid accidents caused by the failure of mechanical and electronic originals.
- (3) Safe operation
Please operate the remote control aircraft according to your own status and flying skills. Fatigue, mental insufficiency or improper operation will increase the probability of unexpected results.
- (4) Keep away from high-speed rotating parts
When the propeller is flying at high speed, please keep the operator, surrounding people and objects away from the rotating parts to avoid danger and damage.

Lithium battery precautions

Lithium batteries are different from ordinary batteries in that they are surrounded by a thin layer of tin foil with chemicals. This can greatly reduce its weight, but it makes it more vulnerable to rough or inappropriate operations. Like all batteries, improper operation can cause fire and explosion.

- ⚠ Do not put the battery in the model for charging, it may cause the battery to catch fire and cause losses;
- If you plan not to use this product for a week or more, please let the battery retain 50% of the power to increase the battery life. Let the battery retain 50% of its power and only need half of the time required to fully charge the battery to charge it;
- Please use the professional charger provided by the factory to charge the battery;
- Do not charge on the carpet to prevent fire;
- Lithium batteries need to be charged after being stored for more than three months to maintain the voltage and ensure their due life.

Battery installation and charging instructions

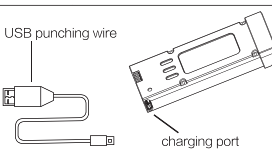
1. Remote control battery installation



According to the electrode instructions (+、-) of the battery box, insert the battery correctly (as shown)

2. Lithium battery charging

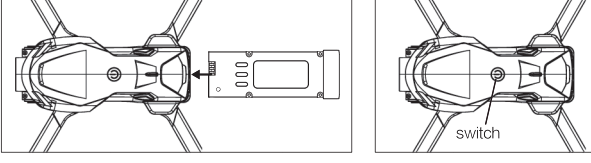
- (1) Remove the aircraft battery from the aircraft fuselage;
- (2) Connect the battery to the dedicated punching wire, and then insert the punching wire into the computer USB port and other punching equipment;
- (3) Lights up in red when charging, and lights out when full.



Charging time is about 80-100 minutes

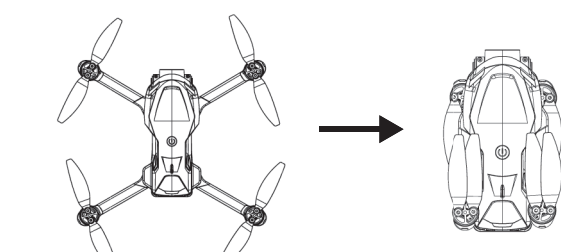
3. Aircraft battery installation and startup

Insert a fully charged battery into the battery compartment of the aircraft, and press and hold the power switch until the aircraft lights come on.



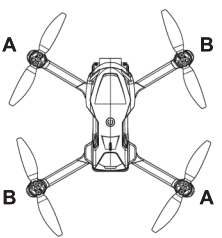
Aircraft installation

1. Folding function

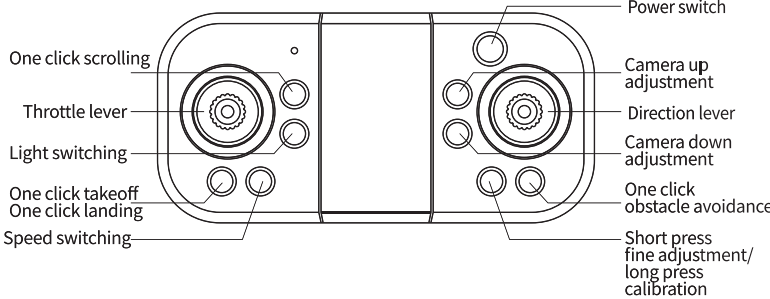


2. Aircraft blade installation

Please install the propeller in the direction of the picture on the right, and be sure to tighten the screws after installing in place.



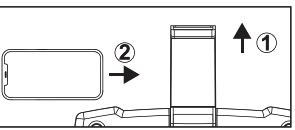
Remote control function description



Remote control

1. Mobile phone hanger

Open the remote control phone holder and clamp the phone.



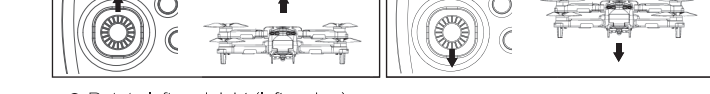
2. Pair the remote control with the aircraft

Turn on the power switch of the aircraft, place the aircraft on a flat ground, the aircraft indicator light flashes at this time, turn on the power switch of the remote control, push the power control lever to the highest position for 1 second and then pull it to the lowest position, the buzzer sounds a prompt. The aircraft indicator light keeps on indicating that the pairing is complete, and you can control it at this time.



Must be operated after pairing is completed

3. One-key take-off and One-key landing



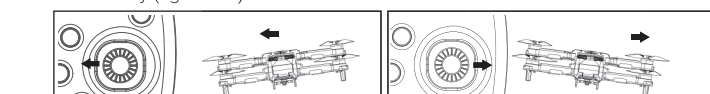
● Rotate left and right (left rocker)



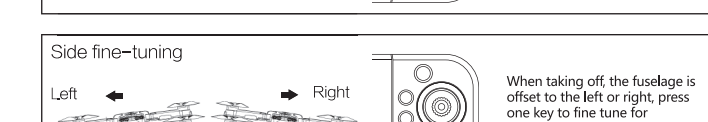
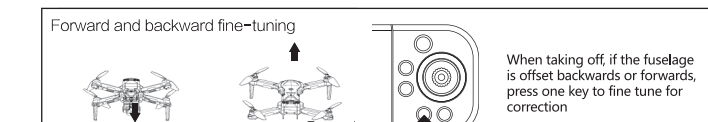
● Forward and backward (right stick)



● Side fly (right stick)



5. Fine adjustment control



Obstacle avoidance is turned off by default

Press the short-press obstacle avoidance mode button after opening the aircraft. Under the condition that flight speed is one gear, start the obstacle avoidance induction mode. Second gear and third gear, and automatically put the Turn off the obstacle avoidance mode or press the obstacle avoidance switch briefly again to turn it off.

Speed selection

There are three speeds for forward, backward, and left and right side flight. The remote controller defaults to slow speed when the power is turned on. After pressing the speed key, two sounds are given for mid-range speed, three sounds are for fast speed, and one sound returns to slow speed. (Recommended for beginners to use slow speed operation)

Aircraft calibration and emergency stop

When operating this aircraft for beginners, if the flight becomes unstable and drifts slowly in one direction after takeoff, the gyroscope horizontal correction function can be used to correct the aircraft. As shown in the figure on the right, after turning on the 2.4G frequency, place the aircraft on a flat ground, turn the remote control handle to the inside at the same time, and the buzzer will emit a "beep" sound. The aircraft lights will flash and remain on, indicating that the calibration is complete.

emergency stop

1. When the aircraft tilt angle exceeds 60 degrees, the aircraft will stop rotating;
2. When the propeller is stuck, it will automatically stop the motor rotation;

Flip

step:

1. Press the flip key once, and the remote controller will continue to sound
2. Push the right stick, and the aircraft will roll 360° according to the direction of the right stick

⚠ When the aircraft enters a low voltage state, the 360° roll function is automatically disabled

Problem Solving Guidelines

problem	the reason	Approach
The indicator light flashes continuously, no response	The aircraft and remote control are not paired successfully	Please perform pairing again
Nothing happens when the battery is connected	(1) Check whether it is connected correctly or whether the battery has low voltage (2) Whether the positive and negative poles of the battery are in poor contact	(1) Reinstall the battery or charge or replace with a new battery (2) Confirm that the positive and negative poles of the battery are installed correctly
The motor does not rotate when the throttle stick is pushed, and the indicator light keeps flashing	Aircraft battery is low	Charge the battery or replace it with a fully charged battery
The propeller of the aircraft keeps turning but cannot take off	(1) Propeller deformation (2) The battery of the aircraft is low	(1) Replace the propeller (2) Charge the battery or replace a fully charged battery
The aircraft is very vibrating	Propeller deformation	Replace the propeller
The aircraft always drifts in one direction	The center point of the gyro on the aircraft is wrong	Recalibrate or restart
The aircraft can't balance after falling	The center point of the gyro on the aircraft is wrong	Recalibrate or restart

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.

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