

15. 常见故障解决指引:

问题	原因	解决方法
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 2. 更换桨叶
飞行器震动厉害	桨叶变形	更换桨叶
微调调到底了但仍不能使飞行器平稳	1. 桨叶变形 2. 马达不良	1. 更换桨叶 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	通过校正陀螺仪修正, 就可以了

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警告

1. 包装和说明书含有重要信息, 应保留。
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 ≥ 3 米的距离, 避免飞行器飞行、降落时撞向人的头部、脸部 and 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. 请阅读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. 严禁在马路或积水的地方玩耍, 以免造成意外。
9. 请及时将包装材料收好, 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识相同的指定电源 $5V=2A$ 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. 充电时不是玩具。
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. 飞行器充电时可充电锂电池, 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桨保持安全距离, 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! 误用可能导致听力损坏。
24. USB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起意外的危险。
25. 为保证航空无线电设备环境的要求, 在国家有关部门发布无线电管制令期间, 区域内, 应该按要求停止使用模型遥控器。
26. 飞行器电池电量用完后务必关掉开关下电池, 静止30分钟后充电, 否则容易造成电池损坏

01

15. Common Problem Solving Guidelines:

The problem	why	The Solution
The craft's blades turn but it can't fly	1. The battery is low 2. Pulp blade deformation	1. Charge the battery 2. Replace the blade
The aircraft vibrates badly	Blade deformation	Replace the blade
Fine tune to the end, but still can not make the aircraft stable	1. Blade deformation 2. Poor motor	1. Replace the blade 2. Replace the motor
Launch the aircraft again after accidental ingestion or room breathing hazards uncontrollably	The three-axis acceleration sensor loses balance due to impact	It can be corrected by correcting the gyroscope

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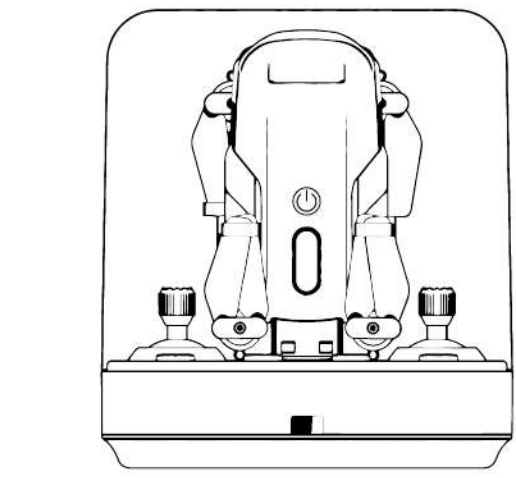
warning

1. Packaging and instructions contain important information and should be retained.
2. You are responsible for ensuring that this aircraft will not cause harm to others' personal and property.
3. The commissioning and installation of the aircraft must be operated in strict accordance with the operating instructions. Attention should be paid to keeping the aircraft 2-3 meters away from users or other people when flying, so as to prevent the aircraft from hitting people's head, face and body when flying or landing, causing injuries.
4. Our company and the seller are not responsible for any loss, damage and human injury caused by improper use or operation.
5. Children should be guided by adults when operating aircraft. Children under 14 years old are prohibited to operate this product.
6. Please correctly install and use according to the instructions or packaging instructions. Some parts should be assembled by adults.
7. If the product contains small parts, please place them out of the reach of children to prevent accidental ingestion or room breathing hazards.
8. It is strictly prohibited to play on the road or in places with water to avoid accidents.
9. Please put away the packaging materials in time to avoid injury to children.
10. Do not disassemble or refill the aircraft, which may cause failure.
11. The charging line shall be inserted into the specified power supply $5V=2A$ which is the same as the product label.
12. The use of other charging lines will cause battery damage and may cause accidents.
13. The charging cable is not a toy.
14. The charging of rechargeable battery must be carried out under the supervision of an adult.
15. The charging must be kept away from combustibles. The supervisor must not leave the monitoring range during charging.
16. Please do not short circuit or squeeze the battery to avoid explosion.
17. 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 fire. Do not place the battery in a hot and heated place (such as a fire or near an electric heating device).
19. The aircraft shall be used as far away from other electrical equipment and magnetic objects as possible, which may cause mutual interference.
20. Please keep a safe distance from the high-speed rotating propellers to avoid the risk of entanglement and cuts.
21. The motor is a hot part. Please do not touch it to avoid burns.
22. light emitting diode laser radiation, do not direct beam.
23. Do not use the model near the ear! Misuse may cause hearing damage.
24. The USB charging cable must use the data cable provided by the company to charge the battery, otherwise it will cause serious damage to the battery, which will lead to unexpected danger.
25. In order to ensure the requirements of the magnetic environment of the aviation radio station, the use of the model remote controller should be stopped in the district as required during the period when the relevant national departments issue radio control orders.
26. When the aircraft battery is used up, be sure to turn off the switch and unplug the battery, and charge it after 30 minutes of inactivity, otherwise the battery may be damaged.

01

四轴飞行器使用说明书

适合年龄14岁以上



- 为保证航空无线电设备环境要求, (禁止在以机场跑道中心线两侧各10公里、跑道两端各20公里范围) 以及明航线路、航线, 停止使用各类模型、无人机, 在国家有关部门发布的禁飞区域, 停止使用各类模型、无人机

09

14. 遥控器功能操作介绍:

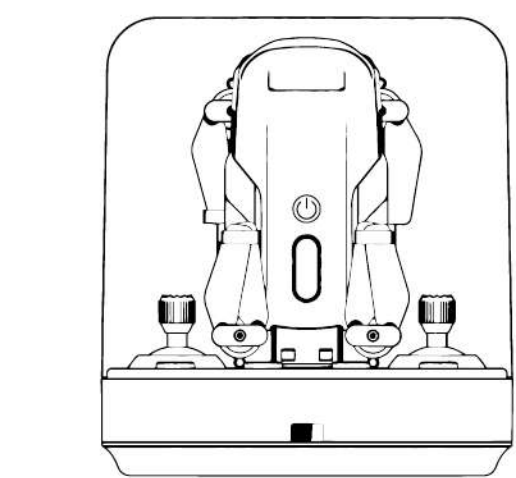
- 14.1 无头模式
开机时面对的飞行器前方, 默认为无头模式的前方; 如需调整你所需要的方向, 请重新开机对频, 并短按遥控器“无头模式”按键(图示4), 退出时, 请再次轻按此功能键。
- 特别提示: 请务必将飞行器摆正对准直线航行, 让陀螺仪自动检测直线, 才能实现直线飞行的无头模式。



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Instruction manual for quadcopter

Insertion age above 14 years old

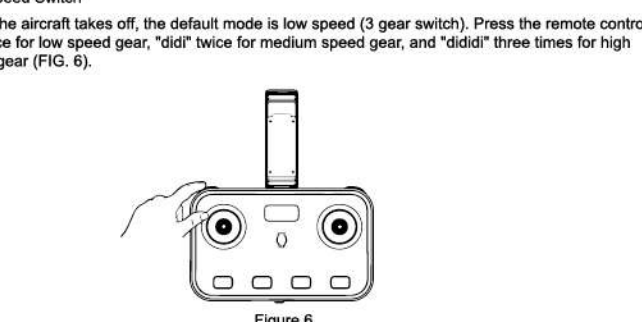
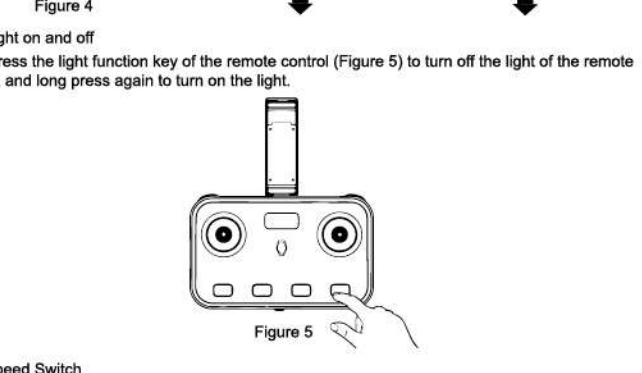


- In order to ensure the magnetic environment requirements of aviation radio stations, (It is prohibited to 10 km on both sides of the runway center line, 20 km on both ends of the runway) and open air routes. Stop using all kinds of models and drones. The use of all kinds of models and drones will be stopped in no-fly zones issued by relevant state departments

09

14. Function operation of the remote control:

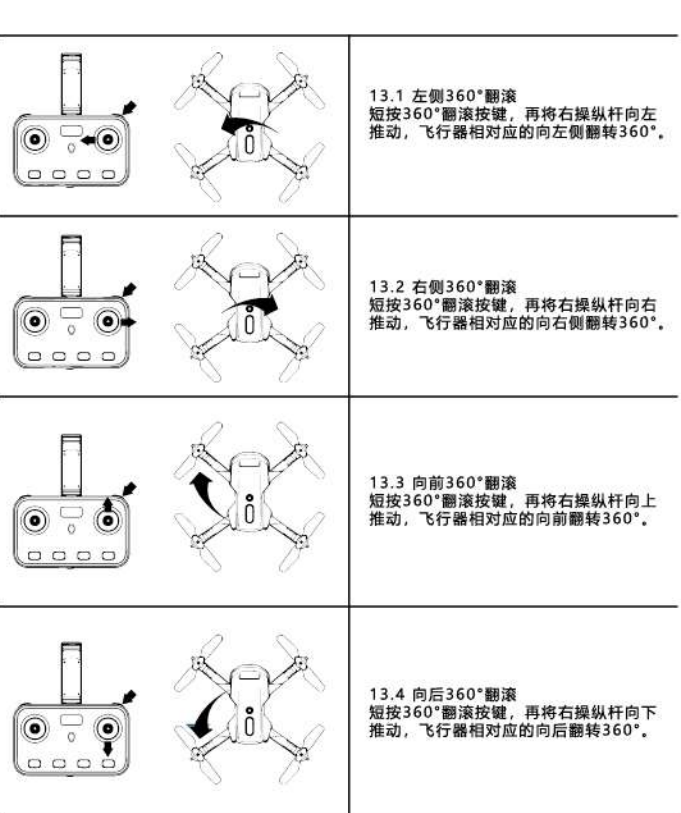
- 14.1 Headless Mode
The front of the aircraft when the frequency is switched on is the front of headless mode by default; if you need to adjust the direction you need, please restart the set frequency and press the "Headless Mode" button of the remote control (Figure 4). When exiting, please tap the function key again.
Special tip: Please be sure to align the aircraft to the straight line, so that the gyroscope can automatically detect the straight line, in order to realize the headless mode of straight line flight.



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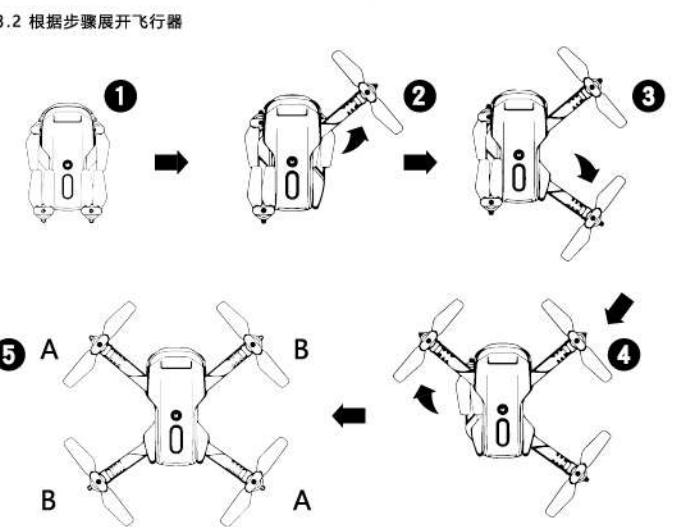
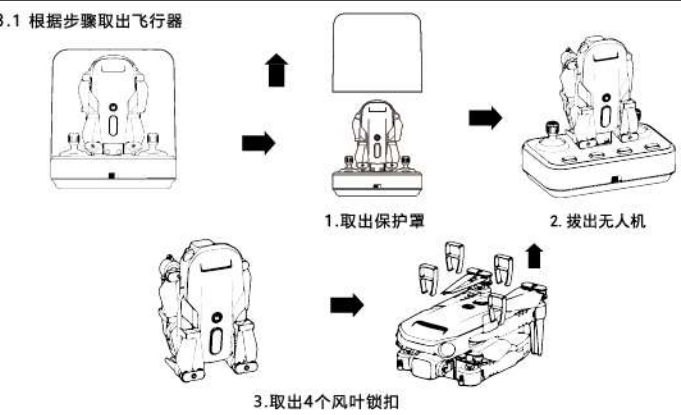
13. 360° 翻滚:

本飞行器通过下面的翻杆操作可以做360度的飞行。为了更好的执行翻杆功能, 确保飞行器在地面保持1.5米左右高度, 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能保持高度。



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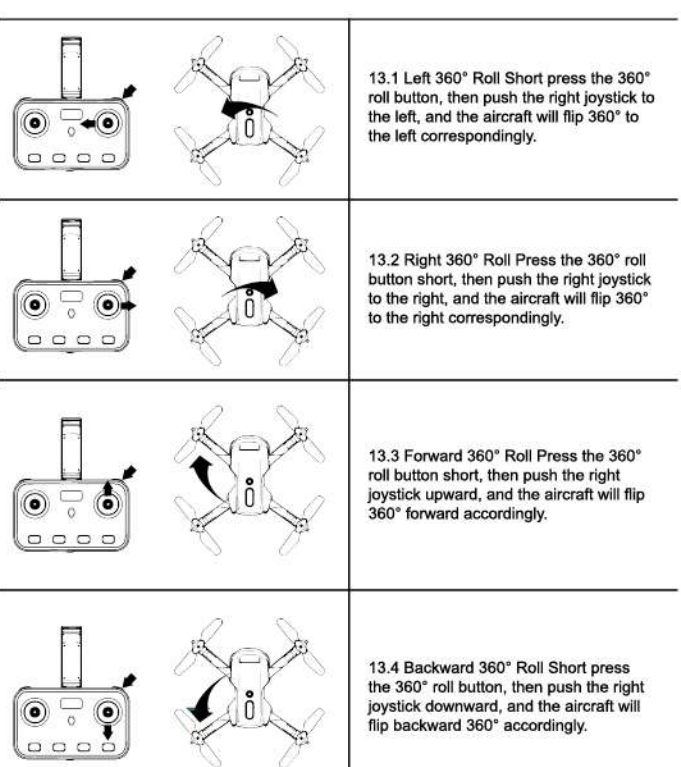
3. 飞行器展开图: (出厂时处于收纳状态)



03

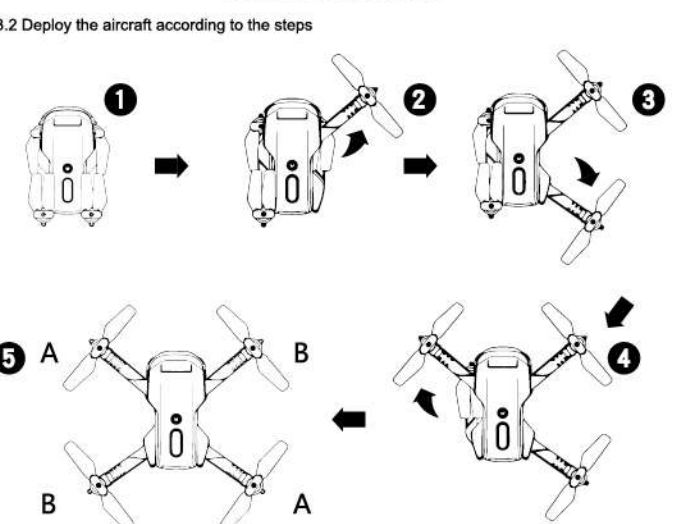
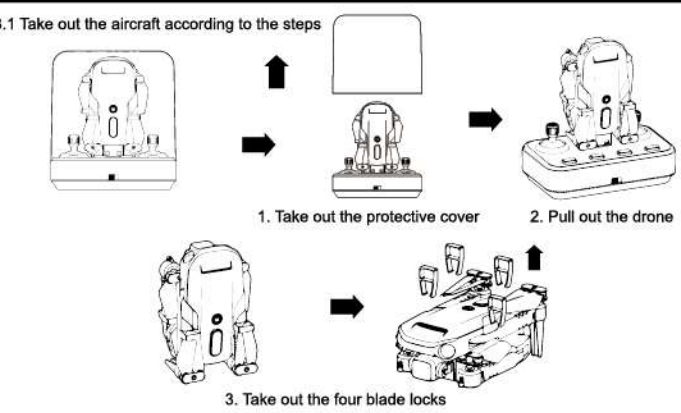
13.360° Roll:

The aircraft can fly 360 degrees through the following rocker operation. In order to better perform the tumbling function, ensure that the aircraft and the ground maintain an altitude of about 1.5 meters, it is better to operate the aircraft to roll during the ascent, so that the aircraft will be easier to maintain the attitude after tumbling.



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3. Expansion diagram of aircraft :(In storage state when leaving the factory)

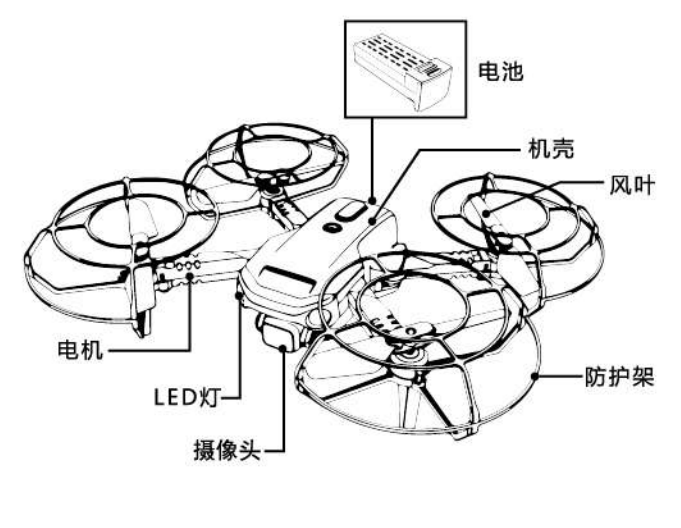


03

1. 包含配件列表:



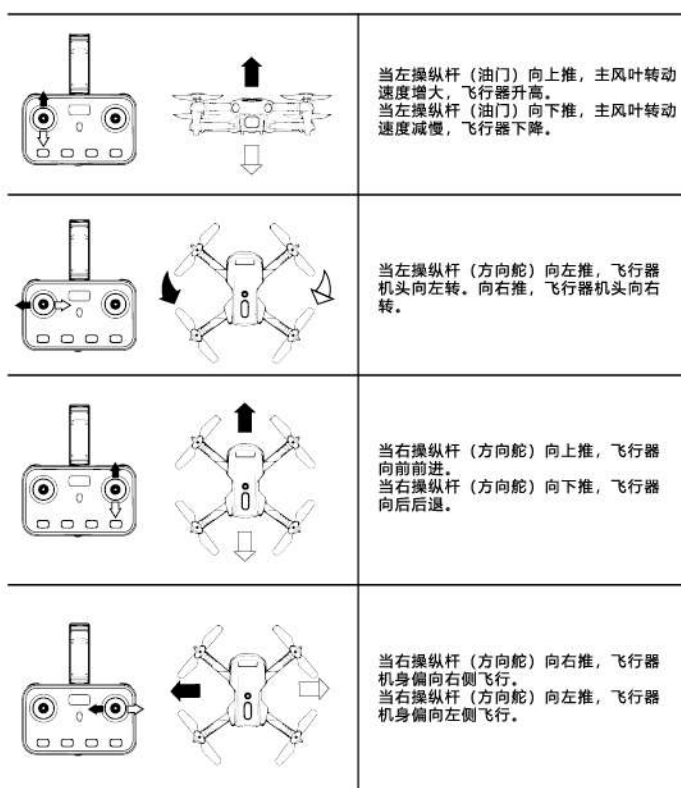
2. 飞行器各部位名称:



02

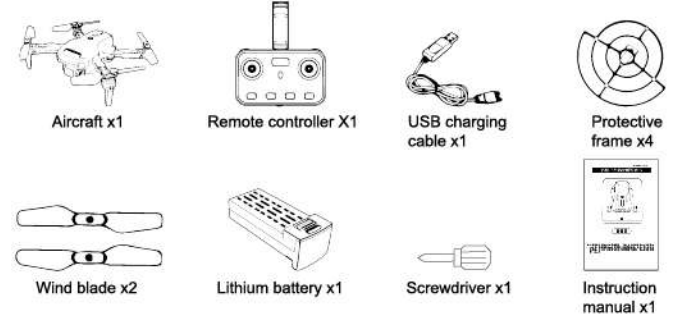
遥控器操作飞行器在起飞前, 请按以上框内的步骤进行操作: 打开(参考11.1) → 遥控器启动对频(参考11.2) → 水平校准(参考11.3) → 启动/停止(参考11.4) → 一键起飞与降落(11.5)

12. 遥控器操作方法:

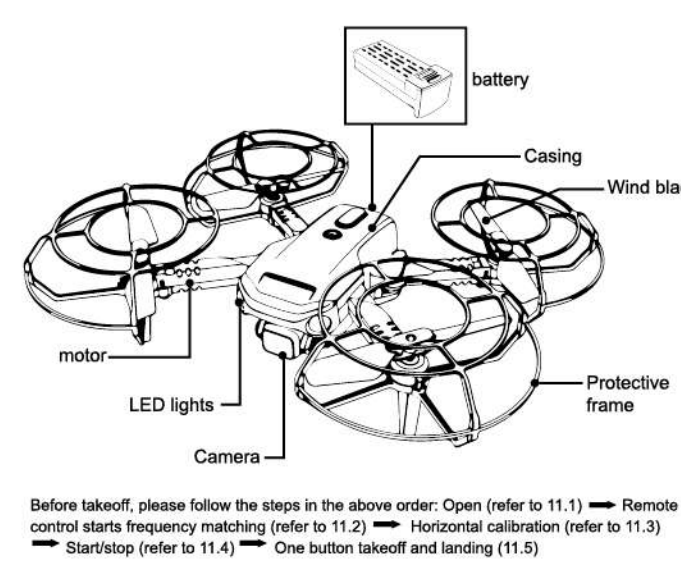


08

1. Include a list of accessories:



2. Name of each part of the aircraft:

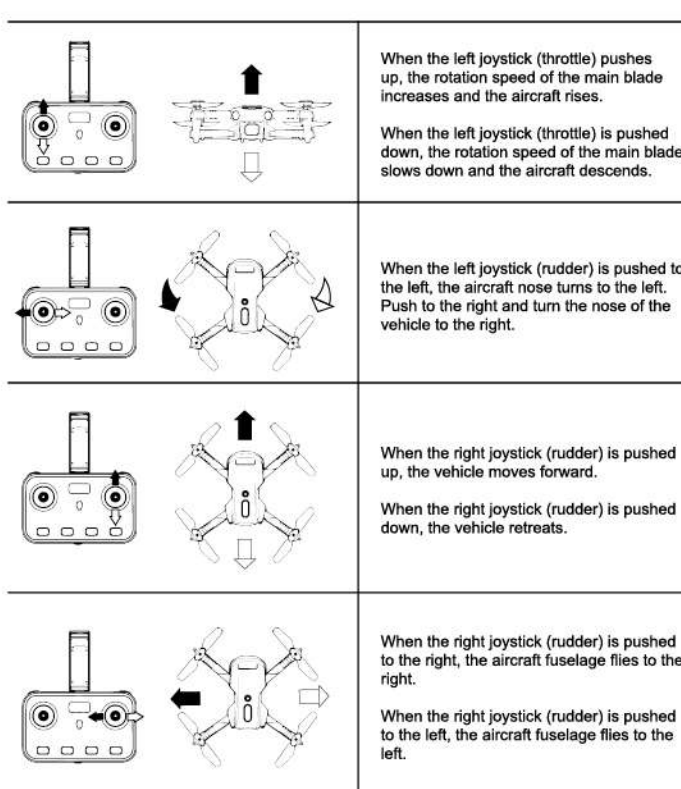


Before takeoff, please follow the steps in the above order: Open (refer to 11.1) → Remote control start the frequency matching (refer to 11.2) → Horizontal calibration (refer to 11.3) → Start/stop (refer to 11.4) → One button takeoff and landing (11.5)

02

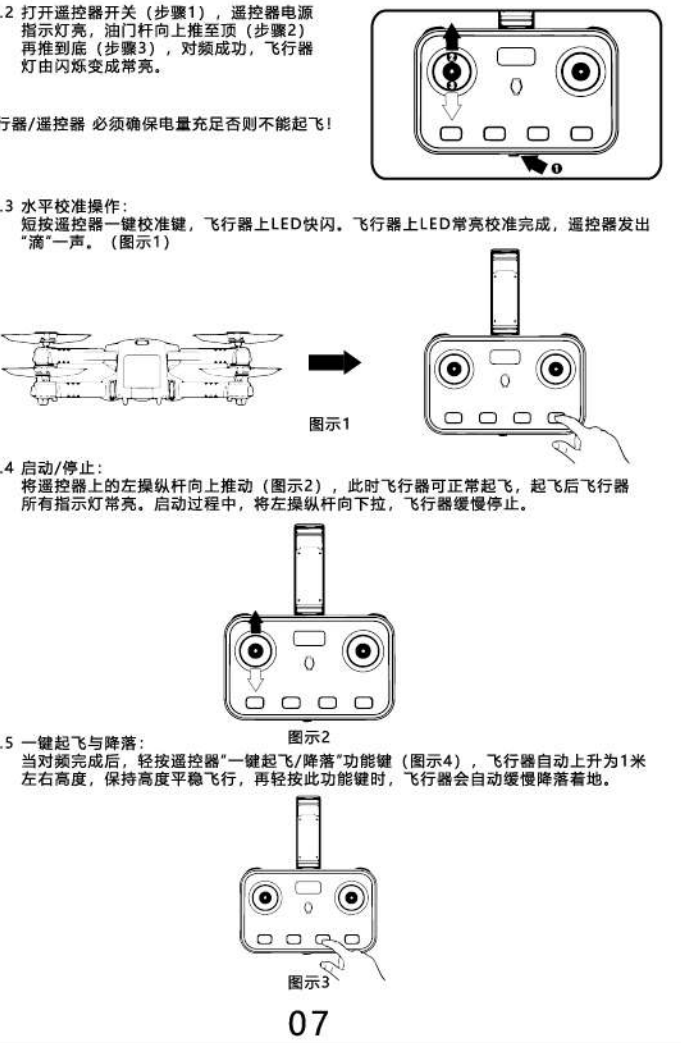
Before takeoff, please follow the steps in the above order: Open (refer to 11.1) → Remote control to start the frequency (refer to 11.2) → Horizontal calibration (refer to 11.3) → Start/Stop (refer to 11.4) → One-click Takeoffs and Landings (11.5)

12. Remote control operation method:



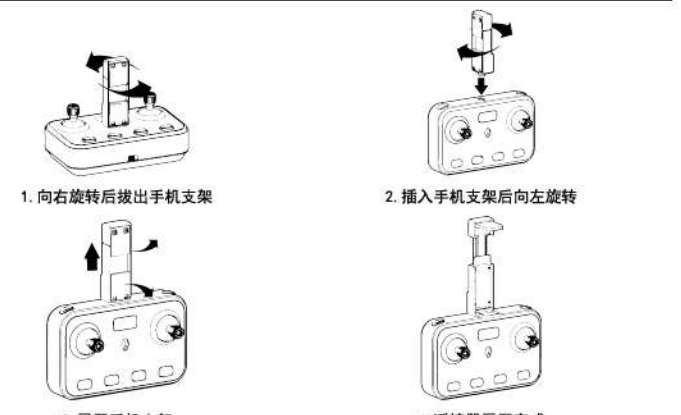
08

7. 遥控器安装及展开

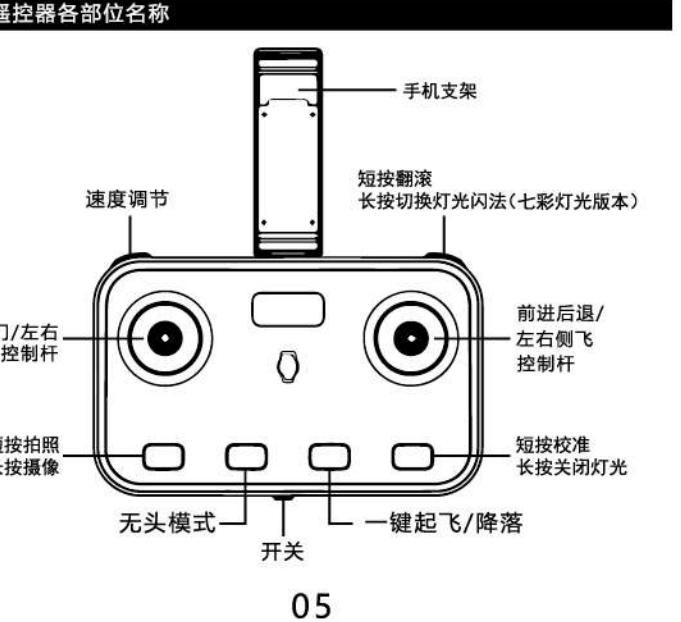


07

7. 遥控器安装及展开



8. 遥控器各部位名称



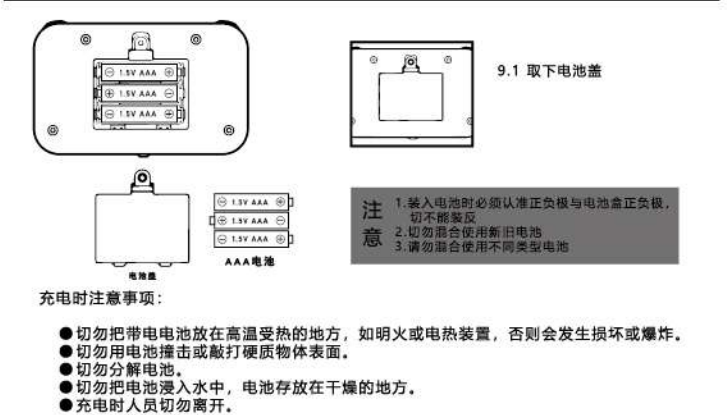
05

4. 安装防护架



04

9. 遥控器电池安装:



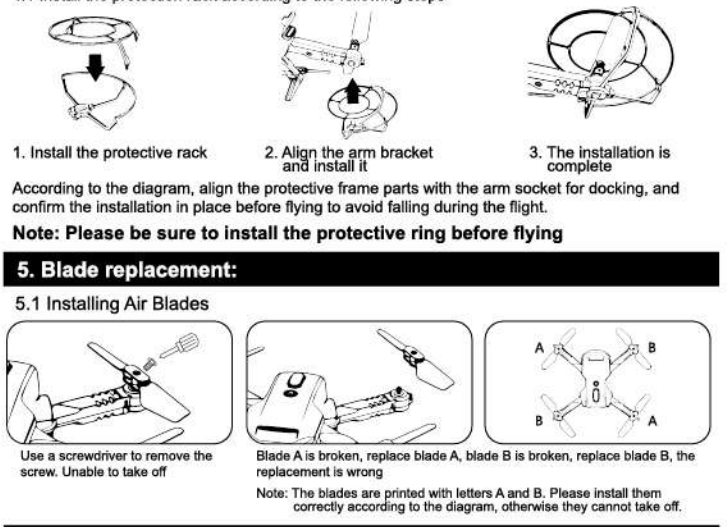
06

10. 飞行前环境要求:



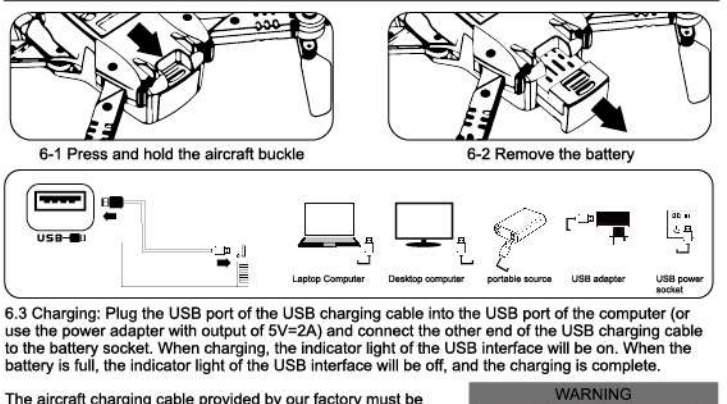
06

4. Install the protection rack



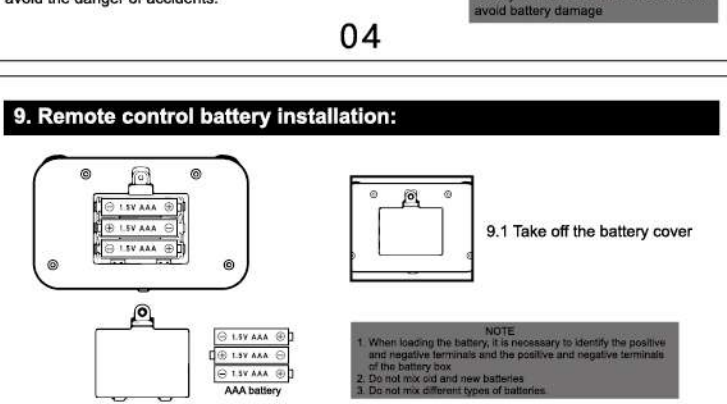
04

5. Blade replacement:



04

6. Lithium battery instructions



04

6.3 Charging: Plug the USB port of the USB charging cable into the USB port of the computer (or use the power adapter with output of 5V=2A) and connect the other end of the USB charging cable to the battery socket. When charging, the indicator light of the USB interface will be on. When the battery is full, the indicator light of the USB interface will be off, and the charging is complete.

The aircraft charging cable provided by our factory must be used to charge, not other charging cables. Remember to avoid the danger of accidents.

WARNING: When loading the battery, it is necessary to identify the positive and negative terminals and the positive and negative terminals of the battery pack. Do not mix different types of batteries.

Note when charging:
● Do not place charged batteries in places where they are exposed to high temperature, such as open flames or electric heating devices, or they may be damaged or explode.
● Do not hit or knock hard surfaces with batteries.
● Do not disassemble the battery.
● Do not immerse the battery in water. Store the battery in a dry place.
● Do not leave while charging.

11.1 Frequency alignment of aircraft:
Turn on the power supply of the aircraft and place it on the horizontal plane. At this time, the aircraft placed on the horizontal plane will automatically enter the frequency matching state, and the front white light flashes.

Note: Position the aircraft with the nose straight ahead and be sure to place it on the level ground

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