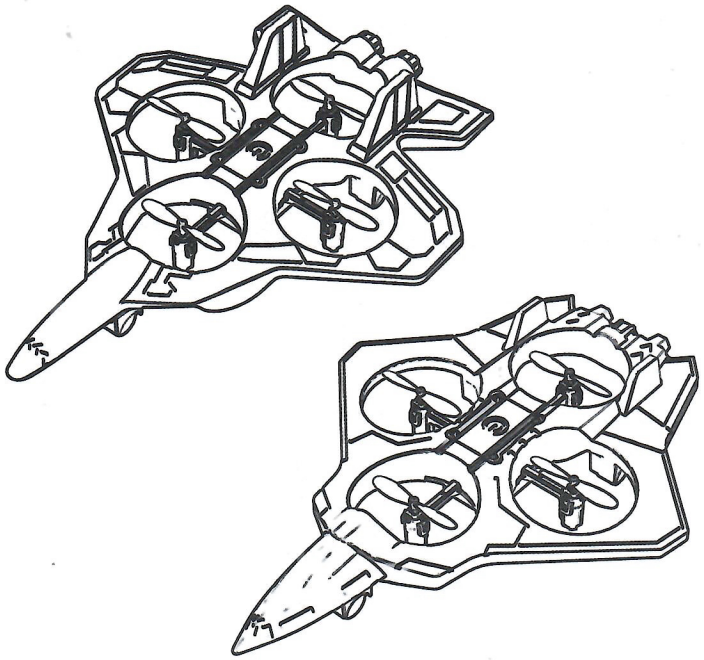
适合于14岁以上

飞行器使用说明书



● 感谢您购买本公司产品，为能正确随时用及确保您的安全，使用产品前请仔细阅读本说明书，并请妥善保管，以备日后查询。

提示

1. 调试安装飞行器须严格按照操作说明书上操纵，第一次学习飞行时，练习起飞和旋转，请离墙壁和建筑物十几米远。注意飞行器飞行时于使用者或其他人保持2-3米的距离，避免飞行器飞行、降落时撞向人身体部位，引起伤害。
2. 儿童操作飞行器时应由成年人从旁指导，本产品禁止14岁以下儿童单独操作，在开始学习时有一定的难度，建议认真阅读说明书并查看相关操作视频 。每台飞行器出厂前都有专业的飞行人员试飞无问题后再发出。
3. 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。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。
4. 不要将飞行器撞到沙子或泥土中，无人机齿轮可能会造成堵塞。严禁在马路上或积水的地方玩耍，以免造成意外。
5. 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。充电线需插入与产品标示相同的指定电源5V-2A中。使用其他充电线会造成电池损坏并可能引发意外的危险。
6. 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。请不要短路、挤压电池，以免发生爆炸。不可混用不同类型的锂电池。飞行器使用可充电锂电池，需拔出充电。
7. 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。
8. 请与高速旋转的螺旋桨保持安全距离，以免发生绞伤危险。（包括齿轮、旋翼等）。
9. 飞行器使用中和使用后，电池及电机会产生高温，请勿触摸，以免发生烫伤的危险。
10. 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。USB充电线必须使用本公司提供的数据线给电池充电，否则会造成电池造成损坏并引发意外。
11. 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，区域内、应该按要求停止使用遥控飞行器。为保证航空无线电台电磁环境的要求，禁止在以机场跑道中心线两侧各10公里、跑道两端各20公里范围以及民航航路、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。
12. 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 。
13. 若飞行器出现破损、变形请及时修理，严重者如旋翼断裂破损切勿飞行，否则会导致受伤 。
14. 切不能让飞行器高空坠机或严重碰撞，这样会损坏飞行器或缩短飞行器寿命。

注意

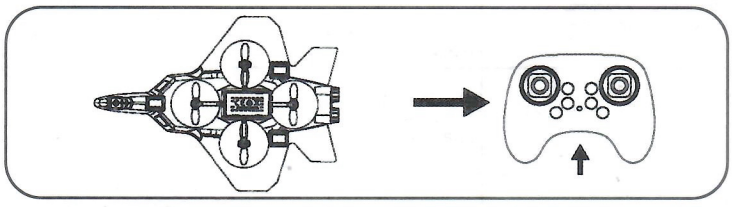
新购买的产品电池都是低电压的，使用前请将电池充满后使用！若飞行器电量不足，会出现飞行高度不够或者造成起飞困难。请确保飞行器的电池电量充足，电量不足时，遥控距离会受到影响。

飞行前操作准备说明

*请选择空旷的室内或无雨雪、风力小的室外环境飞行，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。要在安全的区域内或远离他人飞行，不要在密集人群上方控飞行器。
*选择温暖晴朗无风的天气飞行，切勿在过热、过冷、强风、暴雨等恶劣天气条件下飞行；选择室内或户外空旷地方，并与人、宠物、空架电线及其他障碍物保持安全距离，确认无其他使用相同频率，不能让飞机离开视线。

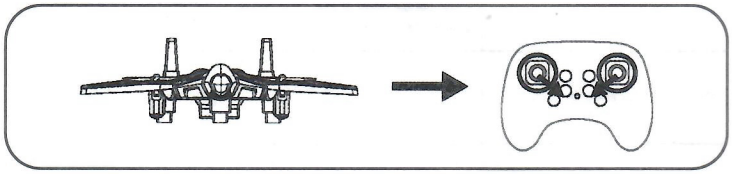
飞行器2.4G对频操作

*把飞行器电池和遥控器电池先安装好，必须在电池满电情况下进行操作，然后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，蜂鸣器提示“嘀”声，飞行器指示灯长亮，表示遥控器对频成功，开始实行各种功能操作。
【产品对频须按照步骤操作，不然容易出现连接盒操作不良。】



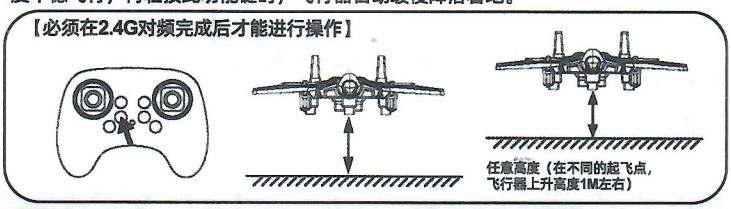
飞行器水平校准操作

*飞行器与遥控器对频成功后，可对飞行器进行校正，将油门操纵杆打到右下角，方向操纵杆打到左下角两个操纵杆同时打，此时飞行器指示灯快速闪烁，待指示灯长亮，松开遥控器两个操纵杆，校正完成。
*当飞行器在空中出现一直往某个方向偏移或者自身在原地旋转时，可以使用水平校准功能对飞行器进行校准。将飞行器放置在水平面上，将遥控器上的油门杆推至右下角，方向杆推至左下角，遥控器发出“嘀”的一声，同时飞行器灯闪烁，2秒钟左右，飞行器灯长亮，表示校准完成。

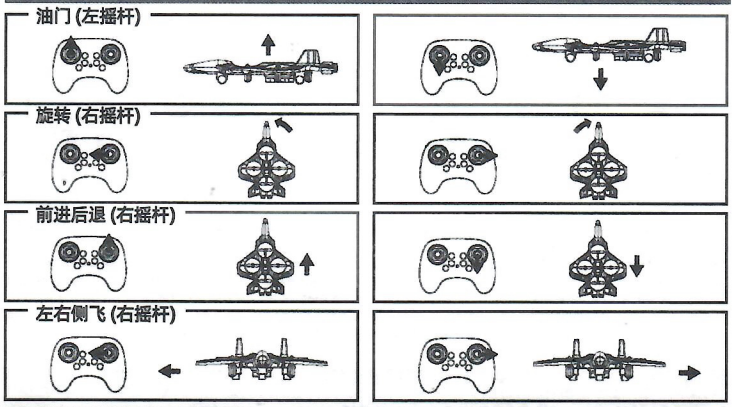


飞行器一键起飞与一键降落操作

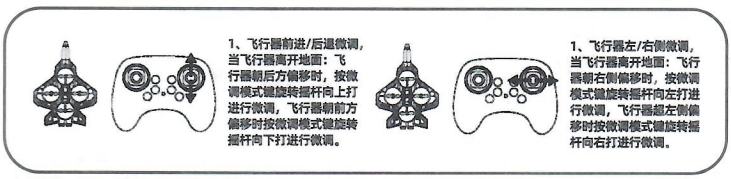
当对完频后，短按遥控器一键起飞按键，飞行器自动上升为1-2米左右高度，保持此高度平稳飞行，再轻按此功能键时，飞行器自动缓慢降落着地。



飞行器飞行操控操作

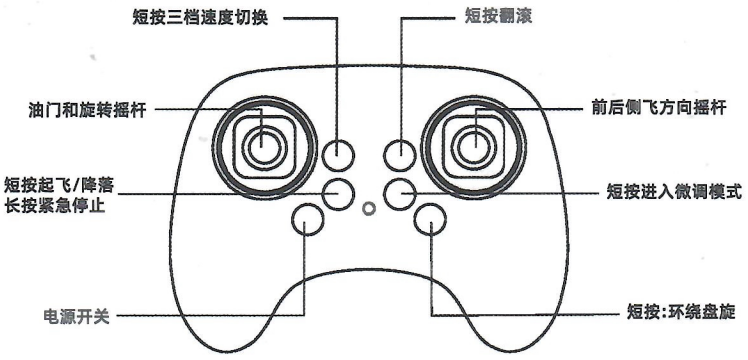


飞行器微调操作



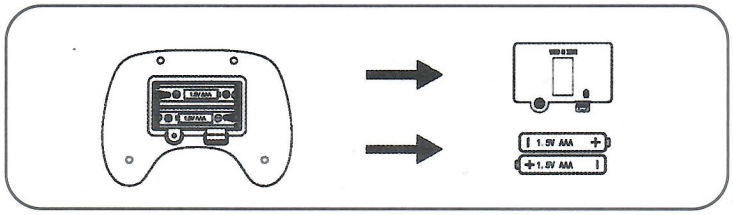
*如果飞行器中空中一直向某个方向漂移或自身在原地左/右旋转，可以通过以下操作对飞行器进行细微调整，使飞行器达到平稳状态。

遥控器按键功能说明



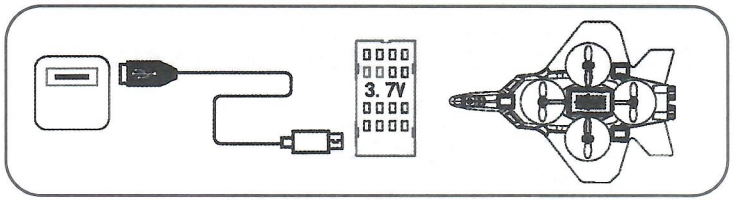
摇杆内八校准，外八解锁

遥控器电池安装



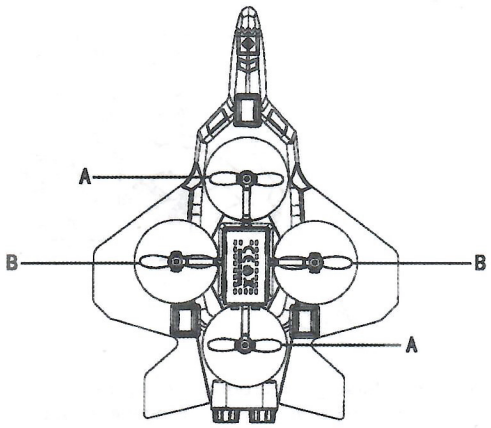
*打开遥控器背面的电池盖，并按照电池箱内正负极指示插入2节1.5V “AAA” 电池。盖上电池盖，扭紧固定螺丝。

飞行器锂电池充电使用说明



*将飞行器电池从飞行器机身上取下，将电池与专用充电线链接，再将充电线插入电脑USB端口等充电设备中。充电时指示灯长亮，充电完成时指示灯会熄灭。
*必须使用本厂提供的飞行器充电线充电，不可使用其他充电线进行充电。以免发生危险。

飞行器桨叶安装说明

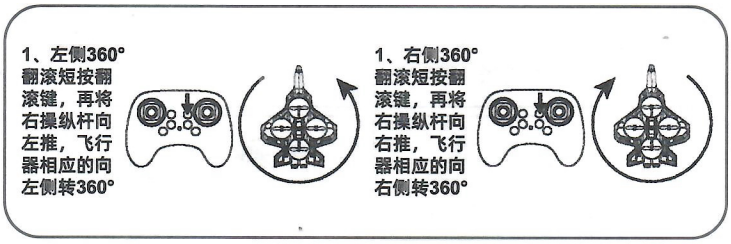


*请按照正确的方向安装螺旋桨，根据飞行器支臂与螺旋桨上的标志（A/B）AA相对应安装到位否则无法正常起飞。捏住风叶中心位置小帽子取出风叶，更换时对准马达轴按下去，注意不能变形。

飞行器速度切换操作

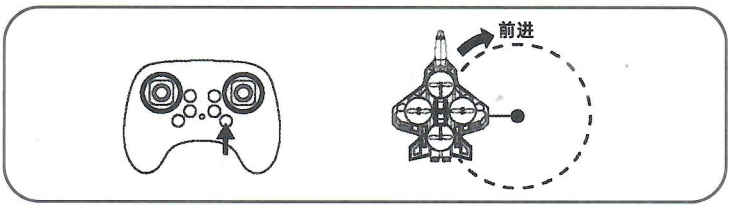
*飞行器起飞时，默认为低速模式，可以通过速度控制键进行速度切换：“嘀”一声为低速模式，“嘀~嘀~”两声为中速模式，“嘀~嘀~嘀”三声为高速模式。“嘀”一声返回1档。

飞行器一键360°翻滚操作



*按一下360°翻滚键，此时遥控器持续发出“嘀”“嘀”“嘀”，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。当飞行器进入低电压状态时自动禁止360°翻滚功能。

飞行器一键360°环绕操作



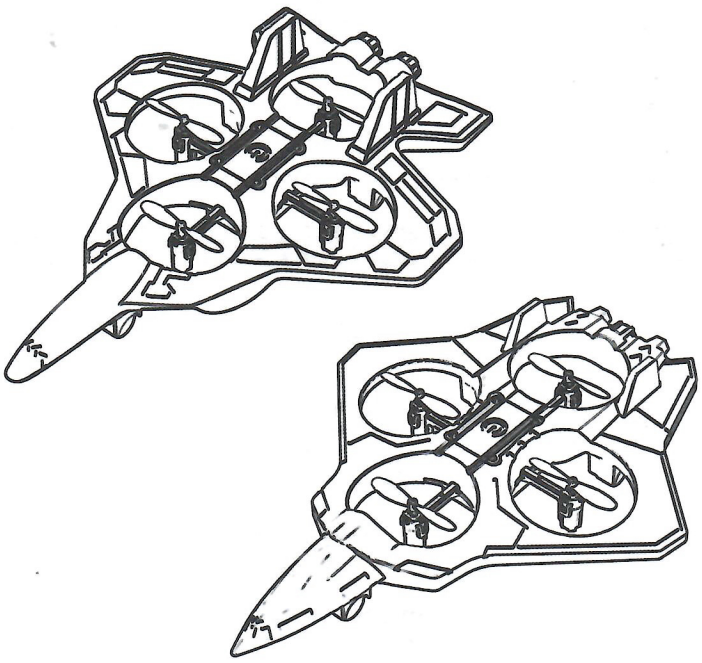
*长按遥控器环绕键，进入一键盘旋模式，飞行器机头会飞行器顺时针旋转。

飞行过程中常见问题解决指引

问题	原因	解决方法
接上电池后飞行器没有反应	1.检查遥控器或飞行器是否通电 2.检查遥控器和飞行器是否出现低电压	1.重新安装电池；2.更换新电池或者继续充电；3.确认电池正负极性安装正确
遥控器和飞行器不能匹配	1.遥控器和飞行器离得太远 2.三米内不能出现其他飞行器	遥控器必须在飞行器三米以内
飞行器指示灯闪烁 操作无反应	1.飞行器与遥控器2.4G对频未成功 2.飞行器电量不足	1.为电池充电 2.更换桨叶 3.检查桨叶安装
飞行器桨叶转动 但飞不起来	1.电池电量不足 2.桨叶变形 3.AB桨叶安装错误	1.检查清理掉桨叶卷到的异物及头发；2.将桨叶向上轻拨，重启并校正陀螺仪后起飞
四个电机 其中一个不转	电机被卡住	1.检查清理掉桨叶卷到的异物及头发；2.将桨叶向上轻拨，重启并校正陀螺仪后起飞
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	1.重新进行水平校准或重新开机 2.重新对频
飞行器撞击后 再次启动不受控制乱飞	1.三轴加速度传感器失去了平衡 2.飞行器上陀螺仪中心点不对	1.将飞行器静置5-10秒 2.通过校正陀螺仪修正或重新开机 3.重新对频
飞行器震动得厉害	检查桨叶是否变形	重新更换桨叶

Suitable for ages 14 and up

Aircraft User Manual



- **Thank you for purchasing our product. Toensure correct and safe use, please read this manual carefully before using the product and keep it in a safe place for future reference.**

Hint

1.When debugging and installing the aircraft, strictly follow the operating instructions. During the first flight training session, practice takeoff and rotation, and keep at least ten meters away from walls and buildings. Ensure that the aircraft maintains a distance of 2-3 meters from the user or others during flight to avoid collisions with the human body during flight or landing, which could cause injury.
2.Children operating the drone must be supervised by an adult. This product is not intended for use by children under 14 years of age without adult supervision. Learning to operate the drone may be challenging at first, so we recommend carefully reading the manual and watching the relevant operation videos. Each drone is tested by professional pilots before shipment to ensure it is in good working order.
3.Please follow the instructions in the manual or on the packaging for proper installation and use. Some parts should be assembled by adults. The product contains small parts; please keep them out of reach of children to prevent accidental ingestion or suffocation hazards.
4.Do not crash the drone into sand or soil, as the drone's gears may become blocked. Do not play wiht he drone on roads or in areas with standing water to avoid accidents.
5.Do not disassemble or modify the aircraft, as this may cause malfunctions. The charging cable must be plugged into the designated power source labeled 5V-2A on the product. Using other charging cables may damage the battery and pose a safety hazard.
6.Charging the battery must be supervised by an adult. Keep the device away from flammable materials during charging. The supervisor must not leave the monitoring area during charging. Do not short-circuit or crush the battery to prevent explosions. Do not mix different types of lithium batteries. The drone uses rechargeable lithium batteries, which must be removed for charging.
7.Use the drone in an area as far as possible from other electrical devices and magnetic objects, as they may cause interference.
8.Maintain a safe distance from high-speed rotating propellers to avoid the risk of entanglement (including gears, rotors, etc.).
9.During and after use, the battery and motor may become hot. Do not touch them to avoid the risk of burns.
10.When the battery is fully discharged, turn off the switch and remove the battery. Wait 30 minutes before charging to prevent battery damage. Use only the data cable provided by our company to charge the battery via USB; using other cables may damage the battery and cause accidents.
11. To ensure compliance with aviation radio station electromagnetic environment requirements, during periods when national authorities issue radio control orders, the use of remote-controlled aircraft must be suspended in the designated areas. To ensure compliance with aviation radio station electromagnetic environment requirements, the use of all types of models and drones is prohibited within an 10-kilometer radius on either side of the runway centerline, a 20-kilometer radius at either end of the runway, and along civil aviation flight paths and routes. The use of all types of models and drones is also prohibited in areas designated as no-fly zones by national authorities.
12.Our company and the seller shall not be liable for any losses, damages, or personal injuries caused by improper use or operation.
13. If the aircraft is damaged or deformed, please repair it promptly. In severe cases, such as rotor fractures or damage, do not fly the aircraft, as this may result in injury.
14.Do not allow the aircraft to crash from a high altitude or collide severely, as this may damage the aircraft or shorten its lifespan.

Note

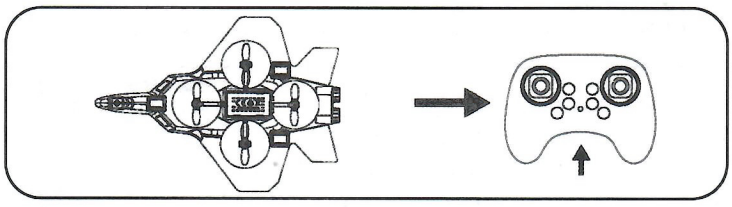
The batteries in newly purchased products are low voltage. Please fully charge the batteries before use! If the aircraft has insufficient power, it may not reach the required flight altitude or may have difficulty taking off. Please ensure that the aircraft's batteries are fully charged. If the power is insufficient, the remote control range will be affected.

Pre-flight Operational Preparation Instructions

*Please choose an open indoor space or an outdoor environment with no rain, snow, or strong winds for flight. During flight, keep a safe distance from crowds, trees, power lines, tall buildings, airports, and signal towers. Fly in a safe area or away from others, and avoid flying the drone over densely populated areas.
*Fly in warm, sunny, and windless weather. Do not fly in extreme conditions such as extreme heat, extreme cold, strong winds, or heavy rain. Choose an indoor or outdoor open area, and maintain a safe distance from people, pets, overhead power lines, and other obstacles. Ensure no other devices are using the same frequency, and never let the aircraft out of your sight.

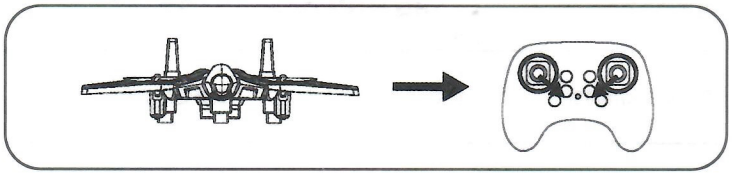
2.4G frequency synchronization operation of aircraft

*First, install the batteries in the aircraft and remote control. Ensure that the batteries are fully charged before proceeding. Then, turn on the aircraft's power switch and place it on a flat surface. The aircraft's indicator light will flash. Turn on the remote control's power switch; a beep will sound, and the aircraft's indicator light will remain lit, indicating successful pairing with the remote control. You may now begin performing various functional operations.
[Product pairing must be performed according to the steps; otherwise, connection and operation issues may occur.]



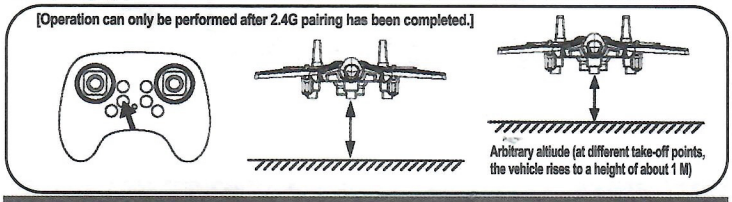
Aircraft horizontal calibration operation

*After successfully pairing the aircraft with the remote controller, you can calibrate the aircraft. Move the throttle control stick to the lower right corner and the direction control stick to the lower left corner simultaneously. At this point, the aircraft's indicator light will flash rapidly. Once the indicator light remains steaty. release both control sticks on the remote controller, and the calibration is complete.
*If the aircraft drifts continuously in one direction or spins in place while in flight, you can use the horizontal calibration function to calibrate the aircraft. Place the aircraft on a level surface, puse the throttle stick on the remote control to the lower right corner, and push the direction stick to the lower left corner. The remote control will emit a "beep" sound, and the aircraft's lights will flash. After approximately 2 seconds, the aircraft's lights will remain steady, indicating that calibration is complete.

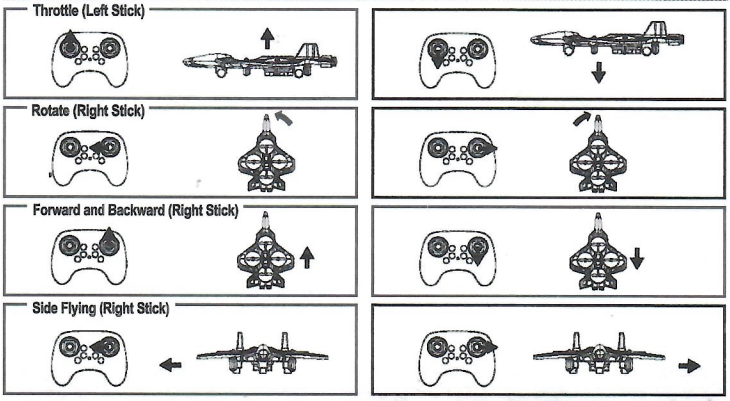


One-button takeoff and landing operation for aircraft

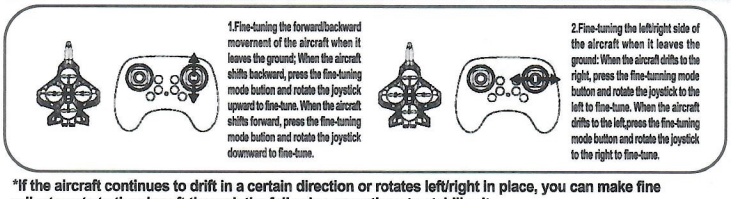
After completing the frequency pairing, briefly press the remote control's one-touch takeoff button, and the aircraft will automatically ascend to a height of approximately 1-2 meters. Maintain this height for stable flight. When you lightly press this function button again, the aircraft will automatically descend slowly and land.



Aircraft flight control operation

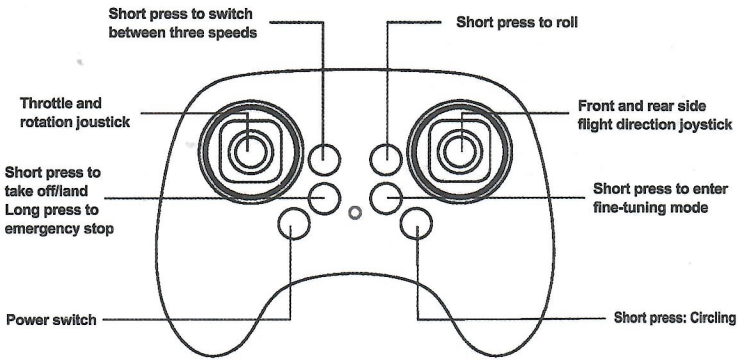


Flight vehicle fine-tuning operation



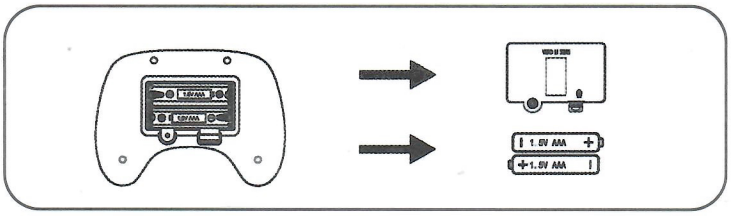
*If the aircraft continues to drift in a certain direction or rotates left/right in place, you can make fine adjustments to the aircraft through the following operations to stabilize it.

Remote control button function description



Inner eight calibration, outer eight unlocking

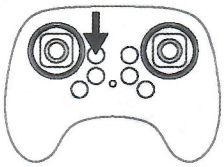
Remote control battery installation



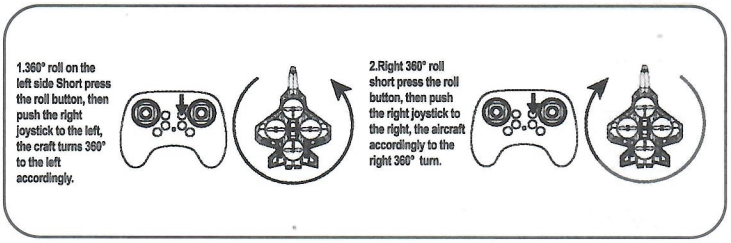
*Open the battery cover on the back of the remote control and insert two 1.5V "AAA" batteries into the battery compartment according to the positive and negative polarity indicators. Close the battery cover and tighten the fixing screws.

Aircraft speed switching operation

*When the aircraft takes off, it defaults to low speed mode. You can switch speeds using the speed control key: one "beep" indicates low speed mode, two "beeps" indicate medium speed mode, and three 'beeps' indicate high speed mode. One "beep" returns to level 1.

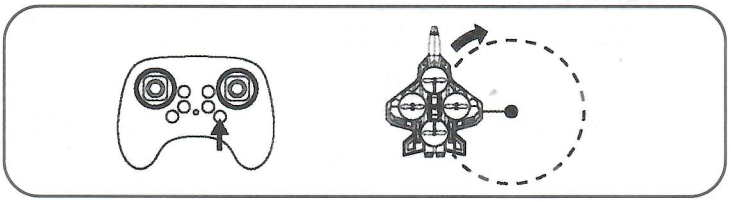


One-button 360° roll operation for aircraft



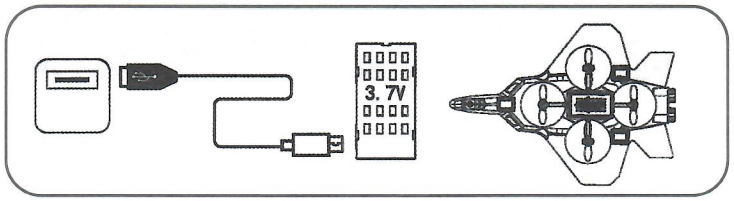
*Press the 360° roll button. The remote control will emit a continuous "beep" sound. The aircraft can perform a 360° roll using the joystick below. To ensure optimal roll functionality, please ensure the drone has sufficient battery power and maintains a height of approximately 1.5 meters above the ground. It is recommended to perform the roll maneuver while ascending, as this will help the drone maintain its altitude more easily after the roll. The 360° roll function will be automatically disabled when the drone enters low-voltage mode.

One-button 360° rotation operation for aircraft



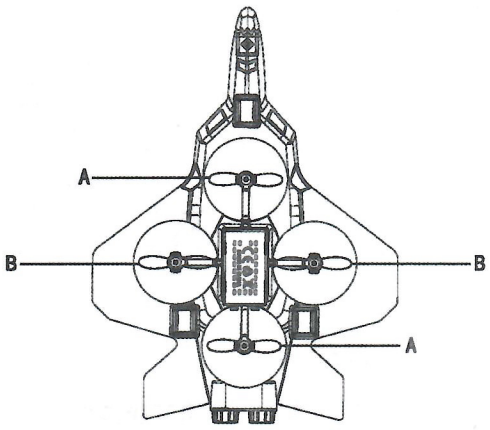
*Long press the remote control's surround key to enter one-key hover mode, and the aircraft's nose will rotate clockwise.

Flight Vehicle Lithium Battery Charging Instructions



*Remove the aircraft battery from the aircraft body, connect the battery to the dedicated charging cable, and then plug the charging cable into a charging device such as a computer USB port. The indicator light will remain on during charging and will turn off when charging is complete. *Only use the aircraft charging cable provided by our factory for charging. Do not use other charging cables for charging to avoid danger.

Aircraft Propeller Installation Instructions



*Please install the propeller in the correct direction. Install it according to the marks (A/B) on the aircraft arm and propeller so that they correspond with each other. Otherwise, it will not be able to take off normally. Pinch the small cap at the center of the propeller blade to remove the propeller blade. When replacing it, align it with the motor shaft and press it down. Be careful not to deform it.

Guidance for resolving common issues during flight

concern	rationale	cure
The craft doesn't respond when the batteries are connected.	1.Check if the remote control or the flyer is energized 2.Check if the remote control and the flyer have low voltage	1.Reinstall the battery 2.Replace the new battery or continue charging 3.Confirm that the positive and negative polarity of the battery is installed correctly
Remote control and flyer don't match	1.Remote control and drone are too far away from each other 2.No other flying machine can appear with in three meters	The remote control must be with in three meters of the flying machine
Vehicle light is blinking. Operation is unresponsive.	1.2.4G screen pairing between aviator and remote control is not successful 2.Insufficient battery power of aviator	1.Re-align the flyer with the remote control screen 2.Charge or replace the batteries
The paddles are spinning, but it won't fly.	1.Insufficient battery power 2.Paddle deformation 3.AB paddle installation error	1.Charge the battery 2.Replace the blade 3.Check the blade installation
Four motors. One of them won't turn.	Motor is stuck	1.Check and clean off the foreign matter and hair rolled up by the pulp blade 2.Flick the pulp blade upward, restart and correct the gyroscope and then take off
The craft appears to be drifting in one direction.	The center point of the gryoscope on the aircraft is not correct	1.Re-perform leveling calibration or reboot 2.Re-align frequency
After impact restarted and flew uncontrollably.	1.The three-axis accelerometer sensor is out of balance 2.The center point of the gyroscope on the craft is not right	1.Let the craft stand for 5-10 seconds 2.Correct by calibrating the gyroscope or reboot 3.Re-align the frequency
The craft is vibrating like crazy.	Check whether the pulp leaf is deformed	Replacement of pulp leaves