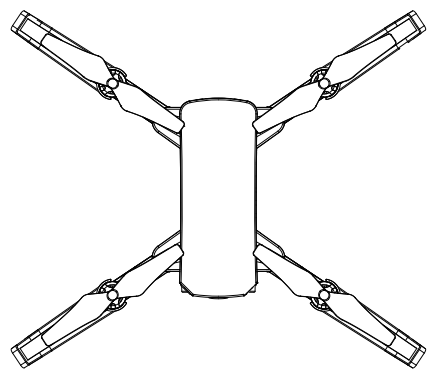
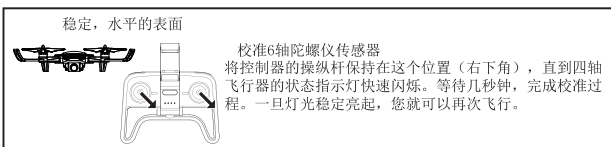


# INSTRUCTIONS FOR USE



## 校准飞行器

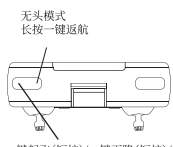
如果碰到障碍物撞击，四轴飞行器有时不会对你所做的调整作出反应。在这种情况下，需要重新校准四轴飞行器的六轴陀螺仪传感器。这个程序通常会纠正一致的漂移问题和高度保持问题。



## 无头模式和一键返航功能

### 无头模式:

当按下无头模式功能按键时，即进入无头模式了。四轴飞行器将忽略原始方向（相机朝向的方向为正向）和机载飞行计算机。因此，无论哪一方四轴飞行器正向指向，当影向右推动右操纵杆时，四轴飞行器相对于您的方向向前移动，而不是前飞方向。更简单易懂的享受。要退出无头模式时，再次按下无头模式按钮可将无头模式退出到正常模式。



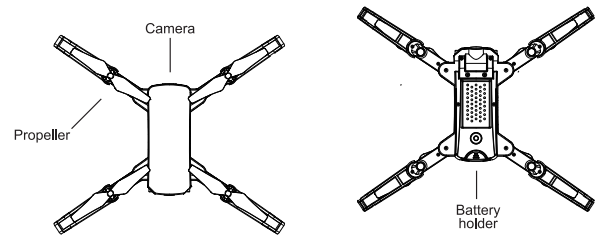
### 一键返航:

按一下功能按键即可进入一键返航。当飞行器飞行平稳在我们的前方，按下“一键返航”按钮，发出“滴”长声。此时飞行器就可返回我们的身边。向前操作摇杆时或再按一次“一键返航”按钮，就可解除返航功能。

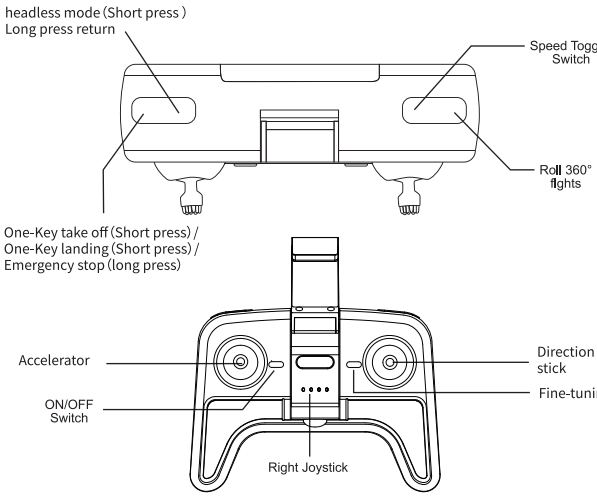
## 飞行提示&技巧

- 缓慢而小心的小调整模式是最好的飞行方式。
- 使用控制器的左右操纵杆在不同的角度和位置设计和执行优美的弧形旋转。快速向不同方向推动操纵杆可以创造出独特的技巧或特技。
- 通过在空中旋转360°来执行“回滚”。
- 当电池电量低时，四轴飞行器反应缓慢或无法保持高度。在电动机完全切断之前，按一下功能按键使其安全着陆。
- 当四轴飞行器无法起飞并且其状态灯开始闪烁时，请将四轴飞行器的电池充电。

## GETTING TO KNOW YOUR QUADCOPTER



## GETTING TO KNOW YOUR CONTROLLER

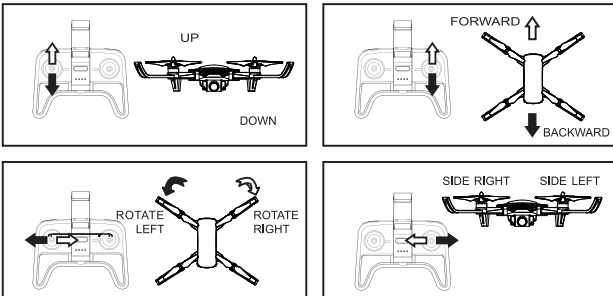


## 飞行器飞行准备

- 安装3个“AA”电池**  
四轴飞行器充电时必须拔出电池！充电时从机身后方取出电池，插上USB线即可。充电时间根据四轴飞行器的电池状况而有所不同。通常需要长达80分钟的时间才能将四轴飞行器从空载充满。
- 放入电池**  
四轴飞行器充电时必须拔出电池！充电时从机身后方取出电池，插上USB线即可。充电时间根据四轴飞行器的电池状况而有所不同。通常需要长达80分钟的时间才能将四轴飞行器从空载充满。
- 打开遥控器电源开关**
- 将四轴飞行器和遥控器建立信号连接**
- 校准高度**  
向左推动左操纵杆，然后完全松开。当遥控器与四轴飞行器配对成功时，遥控器上的指示灯将稳定，四轴飞行器将起飞。

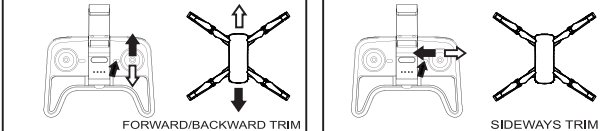
飞行器默认每次开机都是没带保护架最佳飞行程序，如需加上，请长按一键返航按钮，听到“滴滴滴”3声即启动带保护架最佳程序。

## CONTROLLING YOUR QUADCOPTER



## CORRECTING NAVIGATIONAL DRIFTS

During flight, it is normal for the quadcopter to go off-course slightly. If it drifts constantly without any input from the controller sticks, you have to adjust the trim controls to compensate for the drifting. Basically, the trim "fine-tunes" the speed of the motors. Simply press the opposite trim button opposite to the movement repeatedly until the quadcopter is flying as straight as possible.



If you want to reset the quadcopter to factory settings, if the aircraft is moving backwards, press the fine-tuning button. Push the joystick (push in the opposite direction depending on the direction). After hovering, press the trim button, hear a beep, and exit.

## 安全须知

- ⚠ 本产品内含细小零件，请勿吞食以免发生窒息危险。
- ⚠ 不可用任何东西，击打无人机。
- ⚠ 危险-不要在眼睛或脸附近飞行，保持人与无人机的距离。
- ⚠ 谨慎-飞行时，不要触摸到风叶。

- 始终确保起飞前飞行区域没有任何障碍。
- 四轴飞行器不适合18岁以下的小孩使用。成人监护是必需的。
- 保证无人机始终远离自己和他人以及宠物的地方。
- 在无人机驾驶员检查控制器不使用时，取出所有的电池。
- 不要过度充电。
- 充电时不要离开。
- 飞行后的无人机与电池会发生发热请勿触摸。
- 当飞行器飞行时，不要触摸到风叶。
- 如果无人机损坏，应立即停止使用。
- 请勿将无人机或控制器中的任何部分都处理掉。在正常的垃圾中。
- 所有的零件都应该送往当地回收中心。
- 无人机的电池绝不能按能到高温或弄置在火中。
- 在不可燃耐热表面易燃的环境下充电。
- 阅读并遵守本手册中的所有警告和安全指南。

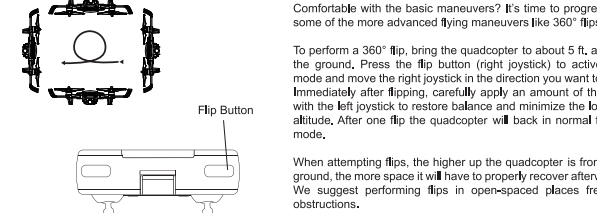
### 遥控器电池:

- 遥控器需要3x1.5V AA 碱性电池 (不包含)。
- 安装新电池一定要在有人监督下飞行。
- 不能混用新旧电池或电池类型 (即碱性/镍氢)。
- 即使清除电量耗尽的电池，电池漏液和腐蚀会损坏遥控器。

### 充电之前必须阅读:

- 电池警告:
- 遥控器配备了三个锂离子聚合物电池。锂离子聚合物电池可以扩大、爆炸或着火，如果使用不当，可能会造成财产损失或人身伤害。遵守所有包括说明在内的安全警告，这是必不可少的。如果不能遵守这些说明的安全警告，制造商、分销商和零售商将不承担任何责任。
- 充电时说明:
- 充电之前电池必须从产品中取出。
- 如果电池刚刚使用，请让它冷却到室温后再充电。
- 充电只能由成人进行，并且只是用本产品附带的充电器。
- 电池适在不可燃耐热表面非易燃的环境下充电。
- 锂离子聚合物电池不会永远持续下去。如果您的电池已经故障或已经损坏，请立即用心的电池更换。延迟电池的寿命，充电之前最好保留一点电量。

## PERFORMING THE FLIP



## CHANGING THE SPEED

When you first connect to your quadcopter, it will automatically be in speed 1 mode. That is the lowest speed and perfect for indoor flying. Press the speed control button (left joystick) to change the speed. The transmitter will make sounds to let you know which speed gear you choose. One short beep for speed 1, two short beeps for speed 2 and three beeps for speed 3 which is the highest speed and is great for outdoor flying.

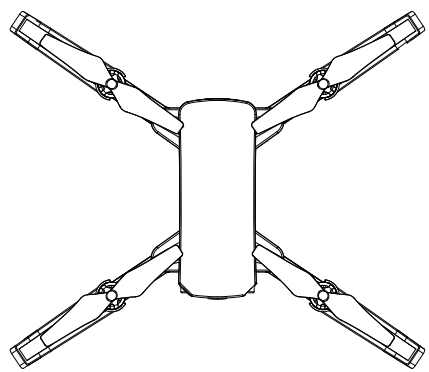
## TROUBLESHOOTING

- Q: Quadcopter not responding to joystick movements and its status lights are blinking. A: Recharge the quadcopter.
- Q: Rotors spin but quadcopter cannot lift off. A: Check the rotor propellers for damage, bent or broken props can be replaced easily with backups.
- Q: Quadcopter flies sideways on its own. A1: Check for trapped dirt around the motor rotors. Just a little strand of hair can cause the quadcopter to fly out of control. A2: Use the trim controls on the controller to correct the drifting.

## MAINTAINING YOUR QUADCOPTER

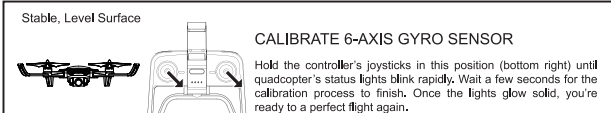
- Regularly inspect and clean any dirt trapped around the motor rotors using a soft brush. Accumulation of dirt puts additional stress on the motor and may cause the rotor to spin unevenly or stop spinning completely.
- Wipe the fly clean with a slightly damp cloth.
- Do not submerge in water. This will damage the electronic components.
- Always remove the batteries from the controller when not being used for extended durations.

# 使用说明书



## CALIBRATING YOUR QUADCOPTER

The quadcopter can sometimes not respond to the trim adjustments you make if it has experienced numerous crashes against hard objects. In this situation, a recalibration of the quadcopter's 6-axis gyro sensor is required. This procedure will usually correct a consistent drifting problem & altitude holding problem.



## FLYING IN HEADLESS MODE

When you activate headless mode (also called care free, head free mode), the quadcopter will ignore the original orientation (the direction the camera facing is the forward direction), and the onboard light computer always aligns the quadcopter movements to be relative to the controller. So, it does not matter which way the quadcopter forward direction is pointing. When you push right joystick forward, the quadcopter moves forward relative to your direction, not the heading of it. The headless mode is perfect for novice and beginner pilots.

To activate headless mode, simply press the headless button and done. The quadcopter's status lights go blinking to indicate that your quadcopter is already in headless mode. Press headless button again to exit the headless mode to the normal mode.

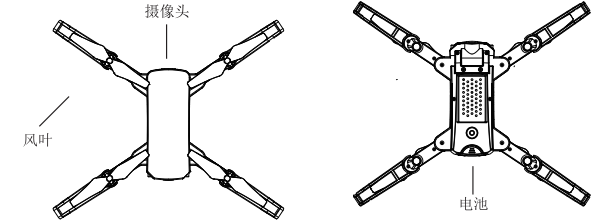
## FLYING TIPS & TRICKS

- Small adjustments made slowly and carefully are the best way to fly well.
- Use the controller's left and right joysticks at different angles and positions to design and execute some graceful arcing turns. Quick thrusts of the joystick in different directions can create some unique tricks or stunts.
- Perform "zero-out" by rotating around 360° in the air.
- When the battery begins to run low, the quadcopter will respond slowly or be unable to maintain altitude easily. Before power to the motors is cut off completely, press the one-key landing button to make it land safely.
- You know it's time to recharge the quadcopter's battery when the quadcopter is unable to take off and its status lights start blinking.

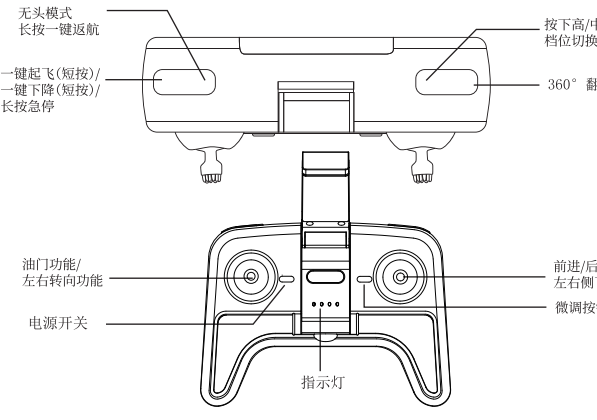
## 重要的电池保养说明

如果您的电池已经开始异味，变色或似乎有肿大，必须立即停止使用，并一定不要试图充电。如果在充电时，电池已经开始异味，变色或肿大，必须立即停止充电。取出电池。注意，电池可能会发热，所以要小心处理。处置在任何电池应该在您当地的回收中心进行。

## 飞行器部件说明



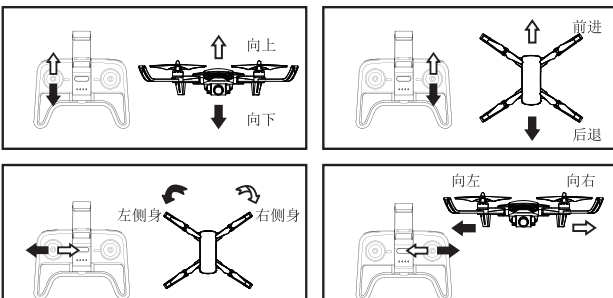
## 飞行器部件说明



## PREPARING FOR FLIGHT

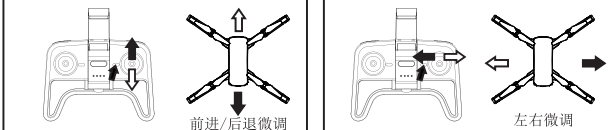
- 安装3x1.5V AA 电池**  
四轴飞行器充电时必须拔出电池！充电时从机身后方取出电池，插上USB线即可。充电时间根据四轴飞行器的电池状况而有所不同。通常需要长达80分钟的时间才能将四轴飞行器从空载充满。
- 放入电池**  
四轴飞行器充电时必须拔出电池！充电时从机身后方取出电池，插上USB线即可。充电时间根据四轴飞行器的电池状况而有所不同。通常需要长达80分钟的时间才能将四轴飞行器从空载充满。
- 打开遥控器电源开关**
- 将四轴飞行器和遥控器建立信号连接**
- 校准高度**  
向左推动左操纵杆，然后完全松开。当遥控器与四轴飞行器配对成功时，遥控器上的指示灯将稳定，四轴飞行器将起飞。

## 飞行控制



## 飞行控制

在飞行中，四轴飞行器循航线是正常的。但是如果漂移的话不断从遥控器没有任何输入，你必须调整微调控制旋钮。基本上，微调他的速度只需按下运动对面的相应微调按钮即可直到四轴飞行器可以直行。



如果要四轴飞行器重置为出厂设置，如果飞行器向后退，按下微调按钮，听到哔哔声后，向前推动摇杆（根据不同方向，往相反方向推动）。悬停后，按下微调按钮，听到哔哔声，并退出。

## BEFORE YOU BEGIN

### Safety Precautions

- ⚠ CHOKING HAZARD - Small parts. Keep out of reach of small children.
- ⚠ DANGER - Never insert sharp objects, pins or screws into the quadcopter as this may puncture the battery.
- ⚠ WARNING - Do NOT fly near eyes or face.
- ⚠ CAUTION - Do NOT touch the running motors or fly over someone's head.

- Keep hands, hair and loose clothing away from the motors when the power switch is turned on.
- Always lift off from a flat surface. Never hold the flying quadcopter in your hand when lifting off.
- Stay away from obstacles and electrical hazards.
- Keep your quadcopter within line of sight - If line of sight to the controller is lost, you may lose control of the quadcopter.
- Turn off the controller and quadcopter when not in use.
- Read and obey all warnings and safety guidelines in this manual.
- The supplied USB charger is specifically designed to charge the Li-Po batteries. Never use other charging equipment.
- The quadcopter is not intended for use by children under 14 years old. Adult supervision is required at all times.
- Regularly examine for any damage to the plugs, enclosure, motors and other parts before attempting to fly.

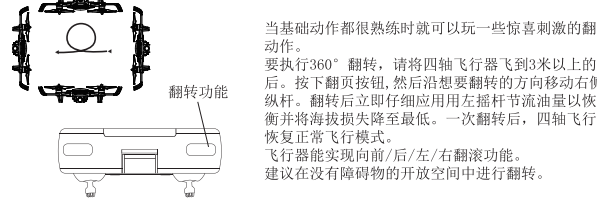
### Battery Safety Information

- Controller requires 3 x 1.5V AA alkaline batteries (not included).
- Installing/Replacing batteries must be undertaken by a competent adult.
- Do not mix new and old batteries or types of batteries (i.e. alkaline/niMH).
- Promptly remove exhausted batteries. Battery leakage and corrosion can damage the controller.
- Dispose of used batteries responsibly.

### Li-Po Battery Information

- The quadcopter is equipped with a Lithium Polymer battery. This kind of batteries are light and powerful, as their chemistry is based on lithium, a liquid and extremely volatile metal.
- Never completely exhaust the battery. When the quadcopter starts to lose power, turn it off and charge it as soon as possible.
- Never charge battery unattended.
- Charge battery in an isolated, controlled environment. Keep far away from flammable materials.
- Do not expose to direct sunlight; there is a risk that the battery may overheat, ignite and/or explode.
- Do not disassemble, modify, hear, or short circuit the battery.
- Do not drop the battery or subject it to strong impacts.
- Do not allow the battery to get wet.
- Only charge the battery with the supplied charging equipment. Using other charging equipment will void your warranty, may damage the battery and poses a risk of fire or explosion.
- In the unlikely event of leakage or explosion, use sand or a chemical fire extinguisher to extinguish the batteries.
- The battery must be disposed of responsibly.

## 360° 翻滚功能



## 速度控制

当您第一次连接您的四轴飞行器时，它会自动处于自动速度1模式，这是室内飞行的最慢和最佳速度。按下速度控制按钮（左操纵杆）更改速度。四轴飞行器会发出声音，让您知道您选择了哪个速度档位。对于速度1，发出一声短促的蜂鸣声，对速度2发出两声短促的蜂鸣声，对速度3发出三声短促的蜂鸣声。这是最高速度，对室外飞行非常有用。以最低的速度学习，在掌握了所有飞行技能之后，提高速度。

## 故障排除

- 问：四轴飞行器不响应游戏杆动作，其状态指示灯闪烁。
- 答：给四轴飞行器充电。
- 问：风叶旋转但是四轴飞行器不能起飞。
- 答：检查风叶螺旋桨是否安装正确。弯曲或折断的工具可以用备用轻松更换。
- 问：四轴飞行器自己横向飞行。
- A1: 检查电机转子周围是否有异物，只有一小撮头发会导致四轴飞行器失控。
- A2: 使用控制器上的微调控制按钮来纠正漂移。

## 飞行器维护

- 定期检查和清理电机风叶周围的污垢，使用软毛刷。积累的污垢会给电机带来额外的压力，并可能导致风叶不完全旋转而停止旋转。
- 用微湿的抹布擦拭玩具。
- 不要浸没在水中。这会损坏电子元件。
- 长时间不用时，务必从控制器上取下电池。