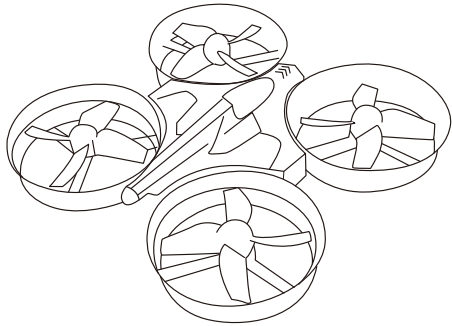


INSTRUCTION MANUAL



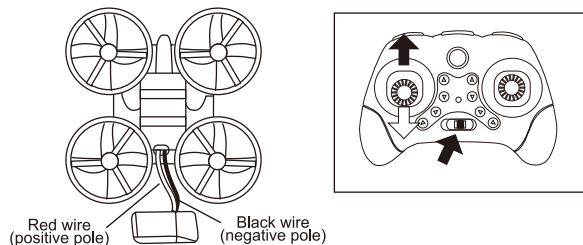
- Headless mode
- One key flip
- One key rotation
- One key Headless mode return

Please read the Instruction Manual carefully before using
Please keep this manual for further reference

4. OPERATION INSTRUCTIONS

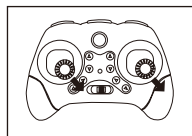
4.1 Power on & Match

4.1.1 Connect the battery line to the fuselage power supply, keep it in a horizontal position. Then turn on the transmitter, the bottom two LED lights flash quickly. Push the throttle lever to the highest position, then pull it back to the lowest position, there will be one clear sound from the transmitter, it shows the binding finished. Push the left joystick accelerator can launch vehicle.



4.1.2. After code match is done with the air vehicle, push the left joystick throttle to start the air vehicle.

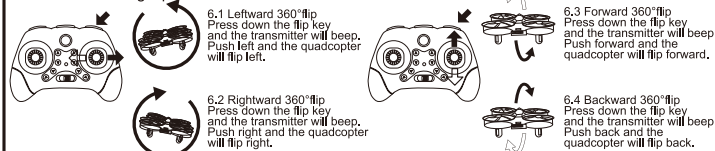
4.2 Gyroscope collaboration
When code match is finished, put the air vehicle on a level position and push the throttle stick and the direction stick 45 degrees toward the right bottom to collaborate the gyroscope. If two LED lights flick on the air vehicle, it means the gyroscope is returning and scanning for position. If the LED light stops, it suggests the collaboration is successfully done. (Refer to the picture on the right)



Note: Before flying, the quadcopter should be placed on the flat surface to collaborate to ensure stable flying. If the quadcopter flies off track, you can adjust it with the remote.

6. 360° FLIPS

Press down the right rod and the transmitter will beep one time to enter advanced mode. Now flip is allowed. In order to get good flipping performance, it is recommended to keep 1.5 meters of altitude between the quadcopter and the ground. It will make flipping easier during ascending as altitude will be lost during flips.



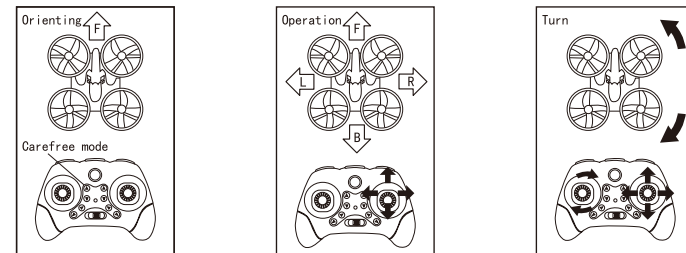
Note: keep the aircraft at a height of 2-3 meters when it is rolling, so that it is easier to maintain altitude when the aircraft is tumbling.

7. HEADLESS MODE

7.1 Headless Mode Shift

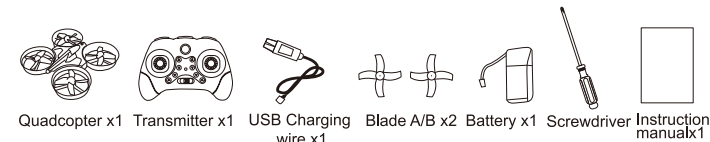
※ Starting Headless Mode: After pairing the quadcopter, press down on the left rod to enter Headless Mode. This can be done when the quadcopter is in the air or on the ground. The transmitter will beep and the fuselage two indicators on the quadcopter will flash. Green light for the forward direction.

※ Leaving Headless Mode: Press down on the left rod to exit Headless Mode. The controller will beep and all four indicators on the quadcopter will turn on.



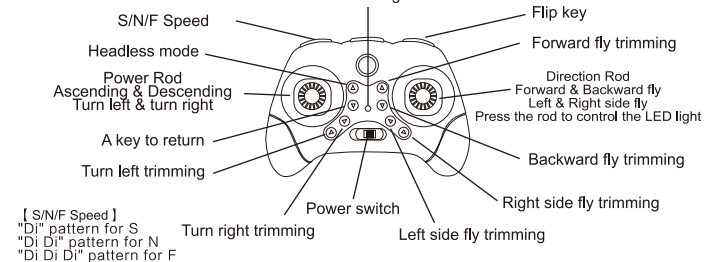
See the diagram. Note in Headless Mode. A forward push on the controller will send the quadcopter in a forward direction, away from you. Pull back and the quadcopter will come towards you again, no matter the orientation of the front black blades of the quadcopter to the user as long as he is stationary. If the user changes location, simply re-pair the controller using below instructions.

1. INCLUDED PARTS



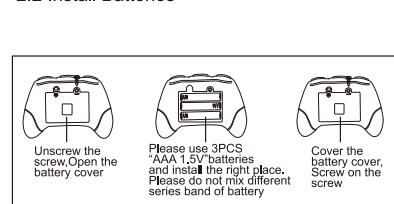
2. TRANSMITTER

2.1 Introduction Transmitter



[S/N/F Speed]
"Di" pattern for S
"Di Di" pattern for N
"Di Di Di" pattern for F

2.2 Install Batteries



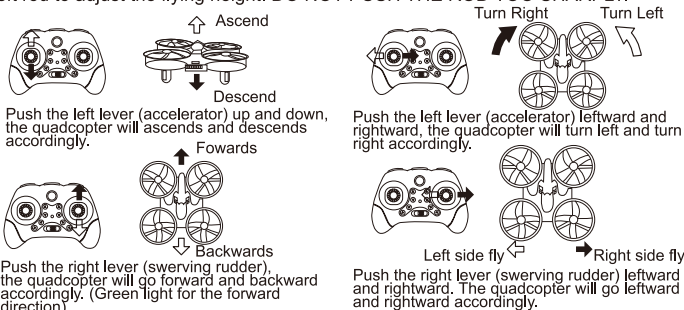
3. Battery cover

First, connect USB to the USB slot on the Computer or to USB charger. At this moment, the indicate light will be constantly on at USB charging outlet. Then connect the battery to USB charging line. The red light will be off which indicates it is in charging and a constant light indicates that it has been fully charged. The time for charging is about 30 to 40 minutes and flight time is about 6 minutes. For safety reasons, charging should be done in sight.

5. OPERATING AND CONTROL

5.1 Operation

It may take some time to learn how to operate this quadcopter. Please take your time to learn in the beginning. If the quadcopter slightly descends, softly push the left rod to adjust the flying height. DO NOT PUSH THE ROD TOO SHARPLY.



5.2 Trimming

ADJUSTMENT OF EACH TRIM
Slowly push upward the throttle lever. When the aircraft is flying off the ground, if the aircraft keep inclining to different direction, please use the trimmer key to trim it to fly in normal state.

1. Adjustment of elevator trim
Just before the aircraft lift-off, the nose lean forward/backward, When leans forward, adjust the trim to down. When leans backward, adjust the trim up.
2. Adjustment of aileron trim
When the aircraft is just taking off, the aircraft may make left/right side-flying. When making right-side flying, please trim it to the left. When making left-side flying, please trim it to the right.

7.2 Direction Calibration

Press the button of one key return, the quadcopter will return automatically. You can push the right lever up to correct the channel if deviation. (in the front of the frequency after reboot to normal return). Press the button of one key return again (the transmitter "Di"), the quadcopter ends return. Or push the right lever up to end return.



8. FLIGHT ENVIRONMENT



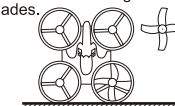
Under the bad condition above, the quadcopter shall not operate to avoid any potential damages.

9. INSTALL BLADES

The blades shall be installed to designated location. Blade A/B shall be installed to location A/B on body.



Install blades: Hold the head to aim at the motor axis and press down to lock. Be careful not to damage or deform the blades.

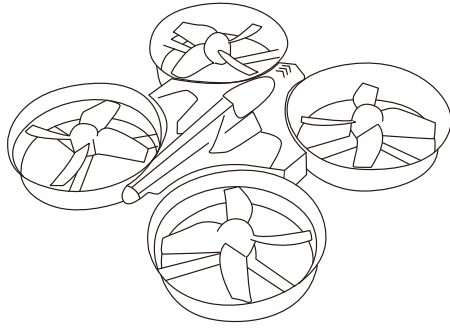


10. TROUBLE SHOOTING

- 10.1 Transmitter and quadcopter not bland
Solution: 1) To ensure that the frequency of success. Re frequency. 2) Battery power shortage, replace the battery. 3) To confirm that the remote control is not the original match.
- 10.2 Unable to flip
Solution: 1) Press Function combination button, change to flip mode. 2) Check if Li-Po power is too low and needs to be recharged.

- 10.3 Quadcopter is shaking with noise:
Solution: 1) Check blade if deformation or not, replacement new blade. 2) Off the quadcopter power and restart. 3) Put the quadcopter in the horizontal place, and recalibrate the gyroscope.
- 10.4 Cannot take off
Solution: 1) Wrong installation of the blade. Make sure the blade placed on the right motor. 2) Check quadcopter canopy if loose or not, block blades flying. 3) Check quadcopter battery is power full, if the low power, quadcopter canopy inner light will be alternately flashing.

四轴飞行器 使用说明书



- 无头模式
- 一键翻滚
- 一键返航模式
- 全新遥控微调组合控制模式

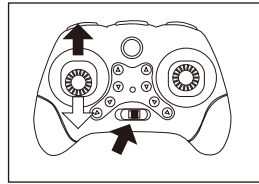
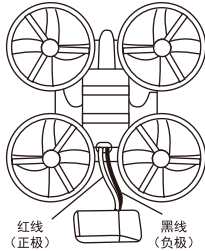
使用前请仔细阅读说明书，并妥善保存以供日后使用参照

4. 操作指引

4.1 开机程序

4.1.1

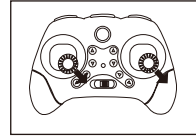
将电池线接入机身电源接口，并放在水平面上，打开遥控器电源开关“嘀”响一声，飞行器两个LED灯快闪，将遥控器左操纵杆推至最高点，遥控器发出“嘀”一声，再拉至最低点，此时遥控器发出长“嘀”一声，指示灯常亮，飞行器两个LED灯常亮，表示对频完成。



4.1.2 飞行器对码完成后，推动左操纵杆油门便可启动飞行器。

4.2 陀螺仪的校对

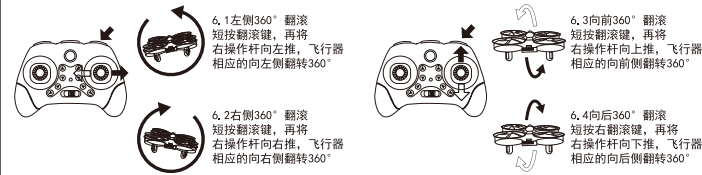
对码完成后，将飞行器放至水平位置上，将两个摇杆同时向右下角45°推，进行陀螺仪校准。LED灯快速闪烁，校对完成。



温馨提示：飞行器起飞前，请务必将飞行器放置在水平面上校对，确保飞行器在起飞后平稳飞行。当飞行器受到撞击或碰撞后跑偏，也可同样用此种方法校准陀螺仪。

6. 360° 翻滚特技

本飞行器通过下面的摇杆操作可以做360度的翻滚飞行。



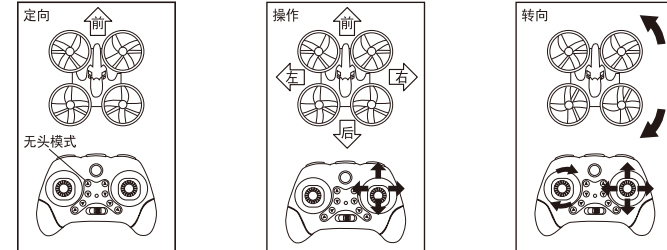
注意：翻滚时请把飞行器保持在2-3米的高度，这样飞行器翻滚后更容易保持高度。

7. 无头模式

7.1 无头模式切换

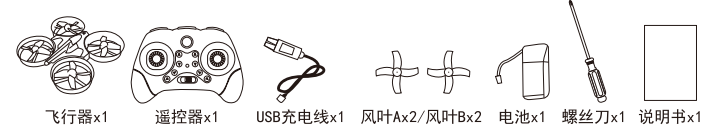
※ 启动与设置：飞行器对频完成后，把飞行器放置在平整的水平面上，或者悬停在空中，保证飞行器的头部（绿色灯为前方）与遥控器前方方向一致，按下无头模式按键（飞行器两LED灯闪烁）便启动无头模式。

※ 退出无头模式：再次按下无头模式按键（飞行器两个LED灯常亮），则退出无头模式。



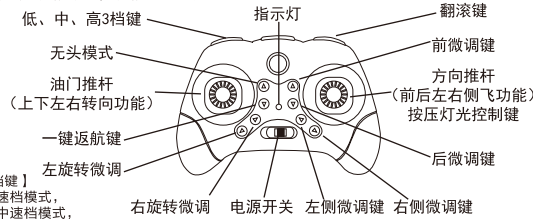
如上图所示，在无头模式状态下（飞行器两个LED灯处于闪烁状态），无论飞行器所在的正前方处在哪个位置，现在遥控器所在的位置就是飞行器的正后方，此时往下拉方向操作杆就可以召回飞行器，往上推方向杆那么飞行器就会越飞越远了。

1. 包装清单



2. 遥控器

2.1 遥控器各项功能介绍功能组合键

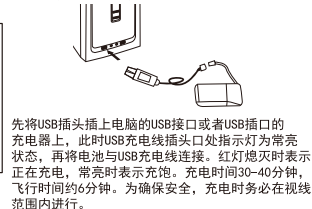


【低、中、高三档键】
“嘀”一声为低速档模式，
“嘀嘀”两声为中速档模式，
“嘀嘀嘀”三声为高速档模式。

2.2 遥控器电池安装



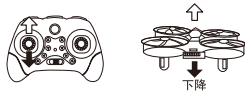
3. 锂电池充电



5. 操作与控制

5.1 操作方式

由于感应灵敏，对于初学者，建议缓慢操作摇杆。如操作转向过程中飞行器略微下降，可同时缓慢推一下左摇杆以爬升至一定高度。操作时避免大幅度推动油门。



当左操纵杆（油门）向上或向下推，飞行器相应的上升或下降。



当右操作杆（方向）向上或向下推，飞行器相应的前进或后退。（绿色灯为前进方向）



当左操纵杆（油门）向左或向右推，飞行器相应的左转或右转。

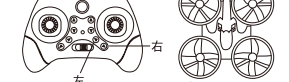


当右操作杆（方向）向左或向右推，飞行器相应的左侧飞或右侧飞。

5.2 操作方式

飞行器动作微调
慢慢升起油门摇杆，当飞行器离开地面时，若飞行器倾向不同方向，可使用微调修正动作

1. 调整前后偏微调
当飞行器离开地面，飞行器朝前/后方向偏移，向前偏移时，微调向下调整。向后偏移时，微调向上调整。
2. 调整飞行器侧飞微调
当飞行器离开地面，飞行朝左/右方向侧飞，向右侧飞时，微调向左调整。向左侧飞时，微调向右调整。



7.2 一键返航

按下一键返航功能按键，遥控器发出“嘀”一声，飞行器便会自动返航，如遇返航时偏离航道，可通过右摇杆方向来修正航道（以对频后的前方启动才能正常返航）。

返航过程中，重按遥控器上的功能组合键或者推右操纵杆“前进”，便可使飞行器结束返航。

温馨提示：低电报警

当飞行器出现两个LED灯闪烁时，说明飞行器电量即将耗尽，此时飞行器会自动关闭翻滚特技功能，飞行器处于常规控制状态，维持时间为30秒。



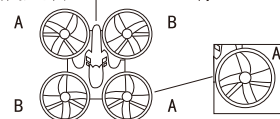
8. 飞行环境



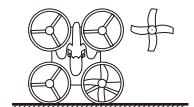
避免让飞行器在这些环境中飞行造成意外伤害或损坏飞行器。

9. 风叶安装

飞行器的风叶安装有位置要求，请按对应编码安装，编码如下图。



安装风叶：捏住风叶的小帽子，对准马达轴放下去，注意不要使风叶变形。



10. 故障排除

10.1 遥控器和飞行器没有反应：

- 解决方案：
- 1) 确保是否对频成功。重新对频。
 - 2) 电池是否电量不足，更换电池。
 - 3) 确认遥控器是否是原匹配品。

10.2 无法进行翻滚：

- 解决方案：
- 1) 重新启动翻滚功能键。
 - 2) 检测锂电池是否电量过低，重新充电。

10.3 飞行器机身晃动：

- 解决方案：
- 1) 检查风叶是否变形，更换新风叶。
 - 2) 关闭飞行器电源重新启动。
 - 3) 将飞行器放置水平面重新校准陀螺仪。

10.4 飞行器无法起飞：

- 解决方案：
- 1) 风叶安装错误重新确认风叶安装位置，风叶与机架上应码是否一致。
 - 2) 飞行器机壳防撞罩是否松动，阻碍风叶旋转。
 - 3) 飞行器是否有电，低电时，灯光交替闪烁。

FCC statement

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.

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 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.