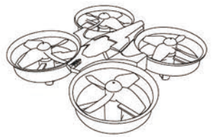
INSTRUCTION MANUAL

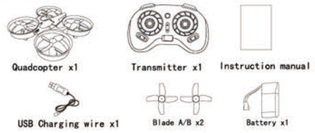


- Headless mode
- One key flip
- One key rotation
- One key recover balance mode
- One key Headless mode return
- Brand new remote with trimming control mode

6-Axis Gyro System　2.4Ghz　6Channel　360° Flips

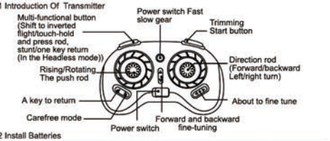
please read the Instuction Manual carefuly before using.
Please keep this manual for further reference.

1. INCLUDED PARTS



2. TRANSMITTER

2.1 Introduction Of Transmitter



2.2 Install Batteries

3. CHARGING LI-PO BATTERY

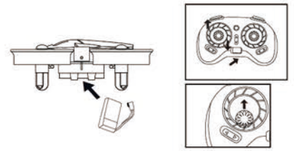
First, connect USB to the USB slot on the computer or to USB charger. At this moment, the indicate light will be constantly on at USB charging outlet. Then connect the battery to USB charging line. The red light will be off which indicates it's in charging and a constant light indicates that it has been fully charged. The time for charging is about 50 to 60 minutes and flight time is around 5 minutes. For safety reasons, charging should be done in sight.

4. OPERATION INSTRUCTIONS

4.1 Power on &Match

4.1.1

①Insert the battery into the battery compartment of the quadcopter,Power on the quadcopter (the two LED indicators will flash). Put the quadcopter on a flat surface.
②Switch power on, and the controller will beep twice and it's the indicators flash.
The indicators on the quadcopter will flash as well.
③Push the left rod completely forward and controller will beep one time. The indicator on the controller and two indicators on the quadcopter will flash. Pull the left rod completely to the bottom and the controller again beep once. The indicator on the controller and the four indicators on the quadcopter will turn on. The two are now paired.



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

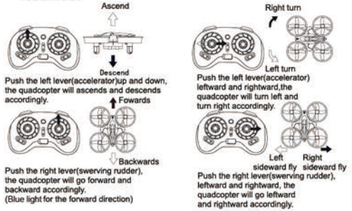
When code match is finished, put the air vehicle on a level position and return the throttle stick to zero. Push the direction stick 45 degrees toward the left bottom to collaborate the gyroscope. If two LED lights flick on the air vehicle, it means the gyroscope is returning and scanning for position. 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 a flat surface to calibrate to ensure stable flying . If the quadcopter flies oft tract, you can adjust it with the remote.

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.DON NOT PUSH THE ROD TOO SHARPLY.



5.2Trimming

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.

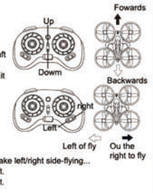
When leans backward, adjust the trim up.

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.



6.360°FLIPS

Press down the right rod and the transmitter nwill beep one time to enter advanced mode.
Now flip is allowed.
In order to get good flipping performance.It is recommended to keep 1.
5meters of altitude between the quadcopter and the ground.
It will nake flipping easiler darning ascending as altitude will be lost durning flips.

6.1 Leftword 360°flip

Press down the right rod and the transmitter will beep.
Push left and the quadcopter will flip left.

6.2 Rightword 360°flip

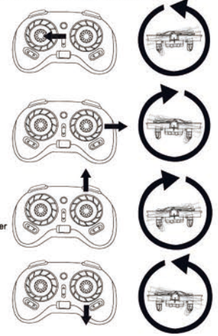
Press down the right rod and the transmitter will beep.
Push right and the quadcopter will flip right.

6.3 Forword 360°flip

Press down the right rod and the transmitter will beep.
Push forward and the quadcopter will flip forward.

6.4 Backword 360°flip

Press down the right rod and the transmitter will beep.
Push back and the quadcopter will flip backward.



7.HEADLESS MODE

7.1 Headless Mode Shift

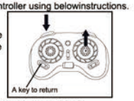
Headless mode simplifies flying by eliminating to the transmitter.
No matter where the quadcopter points,it will follow the forward,left, right,and back of the transmitter.

※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 fiagonal two indicatorson the quadcopter will flash.
※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 trun on.

See the diagram.Note in Headless Mode,a forward push on the cotroller 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,simpty re-pair the controller using beiowinstructions.

7.2 Direction Calibraton

A crash could cause the quadcopter to tilt in the wrong direction,needing to be recalibration.Put the quadcopter on flat ground and press thetrimming button.The transmitter will beep and the indicator will flash.Spinthe right rod clockwise.Two of the red indicators on the quadcopter will light up and then flash diagonally. The transmitter indicator will also light on.
The direction is now calibrated. The head of the quadcopter will be the forward direction.(Black blades for the forward direction).
If in air press the left rod to cancel headless mode,adjust and make sure the qucdcopter and transmitter are forward to same direction,then press the left rod to enter headless mode,now the direction is also calibrated.



Low Power Alert
When the two indicators on the quad flash together,this indicates low power.
The flip mode will shut down and the quadcopter will return to normal mode automatically.

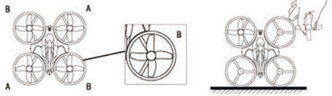
8. FLIGHT ENVIRONMENT

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

9.INSTALL BLADES

The blades shalled to designated location. Blade A/B shall be installed to Location A/B on body.Or the quadcopter may have problems.

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



10.TROUBLE SHOOTING

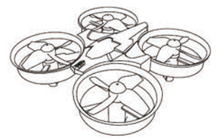
10.1Transmitter and quadcopter not bland
Solution:1）To ensure that the frequency of success.Re frequency.
2）Battery power shortage,replace the battery.

10.2　3）To confirm that the remote control is not the original match.
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 plane,and re calibrate 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.

INSTRUCTION MANUAL
使用说明书



- 无头模式
- 一键翻滚
- 一键恢复平衡系统
- 一键无头模式返航
- 超级空中稳定悬停
- 全新遥控微调组合控制模式

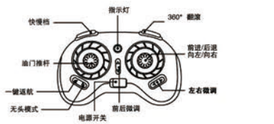
6-Axis Gyro System　2.4GHz　6Channel　360° Flips

使用前请先仔细阅读说明书，并妥善保存以供日后使用参照

1. 包装清单

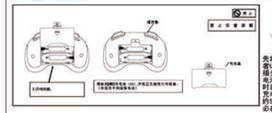
2. 遥控器

2. 1遥控器各项功能介绍功能组合键



注：油门推杆归零，方向推杆向左下45°推，进行陀螺仪校准。

2. 2遥控器电池安装



3. 锂电池充电

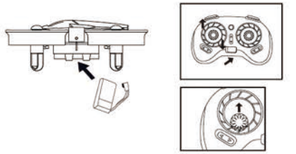
先将USB接头插上电脑的USB接口或者USB的充电器上，此时USB充电线插头口处指示灯为常亮状态，再将电池与USB充电线连接，红灯熄灭时表示正在充电，常亮时表示充饱，充电时间50—60分钟，飞行时间约5分钟，为确保安全，充电时务必在视线范围内进行。

4. 操作指引

4.1开机程序

4.1.1

①先将电池装入飞行器的电池槽位置，接通飞行器的电源（飞行器的两个LED灯闪烁），把飞行器任何一面放在平整地面上。
②打开遥控器电源开关（遥控器指示灯闪烁，飞行器两个LED灯闪烁），
③将左操纵杆油门推至最高点（遥控器指示灯闪烁，飞行器两个LED灯闪烁），随后返回最低点（遥控器指示灯常亮，飞行器两个LED灯常亮），则完成飞行器对码。



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

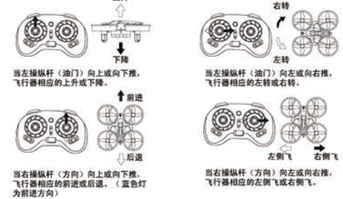
对码完成后，将飞行器放至水平位置上，随后把油门推杆归零，方向推杆向左下45°推，进行陀螺仪校准。飞行器两个LED灯闪烁，表明此时陀螺仪归位并扫描定位，LED灯停止为成功校对。（如右图）

温馨提醒：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。

5. 操作与控制

5.1操作方法

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

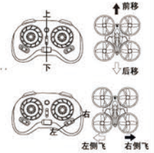


5.2微调

飞行动作微调

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. 调整升降舵微调
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。



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，为了更好的执行翻滚功能，确保飞行器和地面保持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容易保持高度。

6. 1左侧360°翻滚

短按右上大按键，再将右操纵杆向左推，飞行器相应的向左侧翻转360°

6. 2右侧360°翻滚

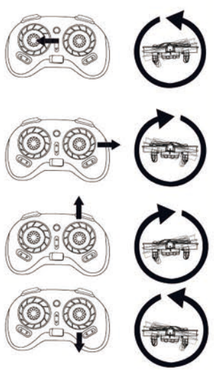
短按右上大按键，再将右操纵杆向右推，飞行器相应的向右侧翻转360°

6. 3向前360°翻滚

短按右上大按键，再将右操纵杆向上推，飞行器相应的向前侧翻转360°

6. 4向后360°翻滚

短按右上大按键，再将右操纵杆向下推，飞行器相应的向后侧翻转360°

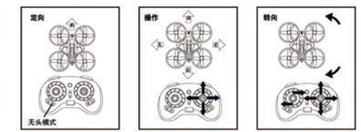


7. 无头模式

7.1 无头模式切换

最新遥控技术，自动识别遥控方向，无论你的飞行器处在哪个方向，都能轻松召回飞行器。

※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（蓝色灯为前方）与遥控器前方方向一致，按下无头模式按键（飞行器对角两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。

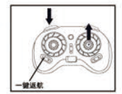


如上图所示，在无头模式状态下（飞行器两个LED灯处于闪烁状态），无论飞行器所在的正前方处于哪个位置，现在遥控器所在的位置就是飞行器的正后方，此时往下拉方向操纵杆就可以召回飞行器，往上推方向杆那么飞行器就会越飞越远了。

7.2 一键返航

按下遥控器上的一键返航键,飞行器便会自动返航，如遇返航时偏离轨道，请操纵右操纵杆对应修正航向。

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，维持时间约30秒。

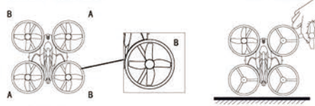
8. 飞行环境

避免让飞行器在这些环境中飞行造成以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，风叶码必须与机架码相同，A与B相对应，否则无法起飞，编码如图示。

安装风叶：捏住风叶的小帽子，对准马达轴按下去注意不能变形。



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的应码是否一致。
2）飞行器机壳防撞罩是否松动，期弱风叶旋转。
3）飞行器是否有电，低电时，灯光交替闪动。