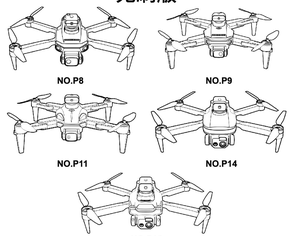
可折叠飞机器 用户手册

FOR AGES 14+

无刷版



2.4GHZ

使用前请先完整阅读说明书(详情和警告请仔细阅读)，保存好此说明书以供日后参照

重要安全信息

（1）该产品不是玩具，而是将机械、电子、空气力学、高频发射等专业知识整合为一体的精密设备，需要正确组装和调试才可避免事故发生。该产品将考虑到最严格的安全的方式来操作控制，操作不当，可能引起严重的人身伤害或者财产损失。我们对此不负任何责任，因为我们不能掌控组装、使用、操作的过程。

（2）本产品适用于有操作模型经验，年龄不小于14周岁的人群。

（3）飞行场所必须是当地合法的遥控模型飞行场地。

（4）产品一经售出，我们将不负任何由操作和使用，控制等方面产生的安全责任。

（5）如遇使用、操作、维修等问题，我们委托经销商提供技术支持和售后服务，请与当地经销商联系。

2. 安全注意事项：

遥控模型飞行器是高危险性商品，飞行时务必远离人群，人为组装不当或机械失误环、电子控制设备不良，以及操作不熟悉，都有可能导致飞行器脱环或人身伤害等不可预测的意外，请飞行员务必注意安全，并需了解因自身疏忽所造成意外的责任。

（1）远离障碍物及人群

遥控飞行器飞行时具有不确定的飞行速度和状态，存在潜在的危险性。飞行时必须远离人群、高压建筑、高压电线等，同时避免在风雨、雷雨等恶劣天气飞行，以确保飞行员、周围人群和财产的安全。

（2）远离潮湿环境

飞行器内部是由许多精密的电子元件和机械零件组成。所以必须防止飞行器潮湿或水气进入机体，以免机械、电子元件故障而引起意外！

（3）安全操作

请根据自身的状态和飞行技能，操作遥控飞行器。疲劳、精神不佳或操作不当，将会增加意外风险的概率。

（4）远离高速旋转部件

当螺旋桨在高速飞转时，请飞行员、周围人群和物体远离旋转部件，以免造成危险及损坏。

这产品采用的是锂聚合物电池(LiPO)

锂电池不同于一般的电池，它由一层薄锡纸包裹着它的化学物质，这样可以很大程度的减轻它的重量，但却使得它在面对粗暴或不恰当的操作时更脆弱，如同所有电池一样，不恰当的操作会引火灾或爆炸。

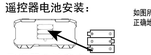
⚠ 不要把电池放在模型里进行充电，这样有可能导致电池起火而损坏你的飞行器。

- 如果您打算一周或更长时间不使用本产品，请让电池保留50%的电量以增长电池的使用寿命，让电池保留50%电量，只需用电池充满电所需时间的一半来充电。
- 请使用原配备的专业充电器给电池充电
- 切勿在地毯上充电以防起火
- 锂电池在存放三个月以上后需要进行充电，以维持电压，保证其应有的寿命。

遥控器及飞行器电池安装及充电说明

遥控器电池安装：

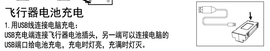
如图所示依照电池箱的电极指示（＋/－）正确地放入电池（如图所示）。



飞行器电池充电

1. 用USB线连接电脑充电：
USB充电线连接飞行器电池插头，另一端可以连接电脑的USB端口给电池充电，充电时灯亮，充满时灯灭。

2. 连接飞行器电源：
把充电好的电池装入飞行器的电池座上，连接后打开飞行器电源开关，此时飞行器灯光亮起



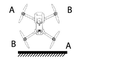
飞行器安装

1、折叠功能展示

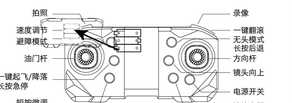
折叠时，请先折叠后面的臂组，再折叠前面的臂展开则相反！

2、飞行器风叶安装

请按照正确的方向安装螺旋桨，螺旋桨上标志A安装到飞行器左上角和右下角的展臂上，与之相同，螺旋桨上标志B安装到飞行器右上角和左下角的展臂上，安装时请将风叶夹对准圆轴线的方形配件上，安装到位后按紧螺丝！



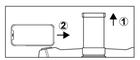
遥控器功能名称



遥控器操控

1、手机挂架

拉出遥控器下部支架，夹住手机

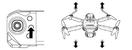


2、2. 4G对频

打开飞行器电源开关，将飞行器放置在平整的地面，此时飞行器指示灯闪烁。打开遥控器电源开关，蜂鸣器提示“滴”声！飞行器指示灯长亮，对频完成，此时就可以起飞了！

3、一键起飞及一键降落

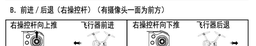
提示:本产品是通过气压计定高，由于各种环境温度等不同因素影响，
开始飞行或低电压时飞行器会自动出现高低变化均为正常现象。



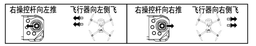
4、飞行控制

A. 油门（左操控杆）

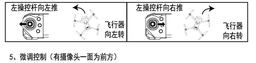
B. 前进/后退（右操控杆）（有摄像头一面为前方）



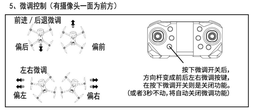
C. 左右侧飞



D. 左右转弯（有摄像头一面为前方）



5、微调控制（有摄像头一面为前方）



无头模式的方向定义与模式选择

按一下按键（如图）特换至无头模式时，飞行器上的灯开始闪烁，飞行器将放弃自身的前后左右的方位，以遥控器为参照点重新定位前后左右，如：当右操控杆向前推时，飞行器将飞离遥控者；当右操控杆向后拉时，飞行器将飞向遥控者。

1、起飞前的方向定义：将飞行器的前进方向处于您的正前方（有摄像头一面为前方）遥控器对准飞行器按住一键起飞，即完成此次飞行无头模式方向定义。
2、飞行时按无头模式键遥控器发出“前、后”两声，飞行器灯光快速闪烁即进入无头模式。

快中慢档选择

快中慢档是把前进、后退和左右侧飞分为三档速度。遥控器开启电源后认为慢档，按下遥控器键发出“滴”“滴”两声则为中档，“滴”“滴”“滴”按下三声为快档，“滴”一声返回慢档。
（建议初学者用慢档操作）

避障开关

打开飞机后，短按避障模式按钮即可开启避障模式
飞机眼睛灯会开始慢闪即是避障模式工作状态。同时
在短按避障按钮即是关闭(这时飞机眼睛灯不会开始闪烁)

飞机设置复位

新手在操作本款遥控飞行器时，如果起飞后飞行不稳定，出现往一方向快速漂移时，可采用简便仪水平校正功能给飞行器校正，方法如图，开机对频完成后，将飞行器放置在平整的地面上，遥控器两个操纵杆同内侧动，飞行器闪烁后常亮，表示水平校正完成。

解决问题指引

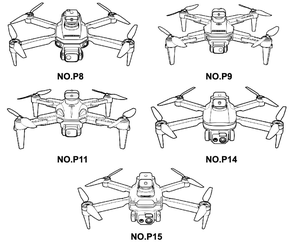
问题	原因	处理方法
按上飞键电池，飞机上的指示灯常亮闪烁，操作无反应	遥控器与飞机未对频成功	请重新执行遥控器与飞机的对频动作
按上飞键电池后，飞行器没有反应或电机不转动	1：检查遥控器和飞机是否连接每 2：检查遥控器和飞机电池是否出现电量过低 3：电池正负极片是否接触不良	1.打开遥控器开插入飞机电池接通 2.使用充电宝给飞机充电 3.重新插入电池，确认电池和电池正负极片的接触是否正常。
按动油门遥杆时主电机不转动，且飞键上的指示灯开始闪烁	飞机或遥控器电池电量不足	将电池充电或更换另外一个充饱的电池
飞机主旋翼和尾桨在不稳定飞	1. 主旋翼变形 2. 飞机电池电量不足	1. 更换主旋翼 2. 将电池充电或更换另外一个充饱的电池
飞机震动的厉害	主旋翼变形	更换主旋翼
飞机在空中出现自转现象	陀螺仪水点不对	可以将遥控器进行自动校正模式或重新开机重新打频
飞机在室内无法平飞不起来	陀螺仪水点不对	可以将遥控器进行自动校正模式或重新开机重新打频

产品主要配件名称

Collapsible aircraft User manual

FOR AGES 14+

Brushless Version



2.4GHZ

Please read the instructions carefully before use (Please read carefully for details and warnings) Save this manual for future reference

Important safety information

(1) The product is not a toy, but the mechanical, electronic, aerodynamics, high-frequency transmission andother professional knowledge into one of the fine Dense equipment, the need for proper assembly andcommissioning to avoid accidents. The product older must use a safe use. Operation control: improperoperation, may cause serious personal injury or property damage. We are not responsible for this. Because wecan not control the assembly, use, operation process.
(2) Applicable to the product: Suitable for mature operationexperience, the age of not less than 14 years of age.
(3) The flight site must be a local legal remote control model flight site.
(4)Once the product is sold, we will not be responsible for any safety and safety arising from operation anduse, control etc.
5. If are using, operating and measuring problems, please contact with local distributors, for we haveassigned those distributors to provide technical support and after sales service
2. Safety Notice:
Remote control model aircraft is a high-risk goods, must be away from the crowd when flying. Artificialassembly or body damage, electronic control: improper equipment, and operation are not familiar with, arelikely to cause damage to the aircraft or personal injury and other unpredictable accidents. please. Pilots mustpay attention to safety, and need to understand due to their own negligence caused by accidental responsibility.
(1)Away from obstacles and crowds
The flight of the remote control light has an uncertain flight speed and state, there is a potential risk. Flying from the flight must be away from the crowd, high-voltage buildings, etc., while avoiding wind and rain,thunderstorms and other bad weather flight to ensure that pilots, The surroundingpeople and the safety of the property.
(2)Away from the damp environment
The interior of the aircraft is made up of many sophisticated electronic components and mechanical parts,so it is necessary to prevent the aircraft from wet or into the body, so as to avoid mechanical, electronicincorrect failure caused by accidents!
(3)Safe operation
Please operate the remote control aircraft according to your own status and flight skills. Fatigue, poor spirit or improper operation will increase. Probability of accidental risk.
(4)Keep away from high-speed rotating parts
When the propeller in the high-speed flight, the pilot, the surrounding crowd and objects away from the rotating parts, so as to avoid danger and damage.
(5)Keep away from heat
Because the aircraft is composed of metal, fiber, plastic, electronic components and other materials, soas far as possible away from heat, to prevent day.Drying, to avoid deformation caused by high temperature oreven damage.

The plant is made of lithium polymer battery (LiPo)

Lithium batteries are different from the general battery, which consists of a thin layer of thin paper -wrapped-with its chemical endoplasm. This can be great.To reduce its weight, but it makes it more vulnerable in theface of rough or inappropriate operations. Like the same.There is a battery, as inappropriate operation willcause a fire explosion.

⚠
- Do not put the battery in the model for charging, which may cause the battery tofire and damage you of the aircraft.
- If you plan to use this product for one week or more, keep the battery 50% Increase thebattery life. Keep the battery 50% of the power, it takes the same time to charge thebattery when fully chargeahalf of the time to charge.
- Please use the original professional charger to charge the battery.
- Do not charge the carpet to prevent fire.
- Lithium battery in the storage for more than three months after the need to charge to maintain the voltage to ensure that it should have Of life.

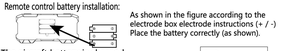
FCC Statement

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

Remote control and aircraft battery installation and charging instructions

Remote control battery installation:

As shown in the figure according to the electrode box electrode instructions (+ / -) Place the battery correctly (as shown).



The aircraft battery is charged

1. Connect the USB cable to the computer to charge: USB charging end connected to the aircraft battery plug, the other end can be connected to the computer USB port to charge the battery, charging lights, full when the lights off.
2. Connecting the aircraft power supply:
Put the charged battery into the battery holder of the aircraft, connected to open the aircraft power, then the aircraft lights.

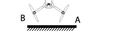
Aircraft installation

1、Folding function display

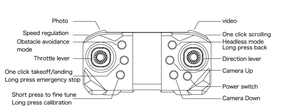
When folding, please fold the back Show arms, and then folded in front of the arm,Expand the opposite!

2、Aircraft fan installation

Please follow the correct direction to install the propeller, propeller on the sign(marked) to the upper left corner of the aircraft and the lower right corner of the arm, with the phase With the propeller on the sign B mounted to the upper right corner of the aircraft and the l ower left Corner of the arm, the installation of the fan follow when the alignment of the core assembly Square accessories, installed in place after the locking screw!



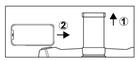
Remote control function name



Remote control

1、Mobile phone rack

Pull out the remote control lower bracket, clamp the phone.

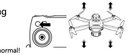


2、2.4G frequency

Open the aircraft power switch, the aircraft placed in the flat ground, the aircraft indicator light flashes, open the remote control power Source switch,Buzzer prompt “tick” sound! The aircraft indicator light is on, right frequency to complete, then you can take off!

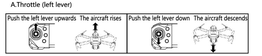
3、A key to start and a key landing

Tip: This product is determined by the barometer;In a variety of environmental temperature and other factors,The aircraft will automatically start when flying or low voltage.Appear high and low changes are normal!

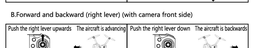


4、Flight control

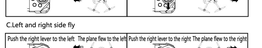
A.Throttle (left lever)



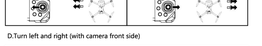
B.Forward and backward (right lever) (with camera front side)



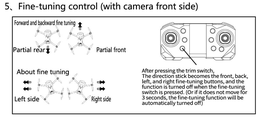
C.Left and right side fly



D.Turn left and right (with camera front side)



5、Fine-tuning control (with camera front side)



Directional definition and mode selection of headless mode

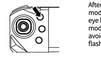
When converting to headless mode, the aircraft will give up its front and rear azimuths, and reposition the front and rear with the remote control as a reference point. Such as: when the right lever to push forward, the aircraft will fly away from the remote control; when the right lever to pull back, the aircraft will fly to the remote control. (With camera front side)

1. The direction of the aircraft before departure: the direction of the aircraft forward in front of you,(With the camera side for the front) remote control to the end of the direct flight and then press a key.Take off, that is, to complete the flight head mode direction definition.
2. When flying by the headless mode of the remote control issued a "flute, flute" twice, the aircraft lights Light flashing into the headless mode. And then press the remote control issued a "flute" sound Exit the headless mode.

Speed selection

Speed file is to advance, back and left and right side of the flight is divided into third gear speed, the remote control is turned on by default when the slow power, press the remote control button issued a "flute" "flute" twice as midfielder, "flute" " " Flute "press three times for the fast File," flute "soon return to slow file. (Recommended beginners with slow operation)

Obstacle avoidance switch

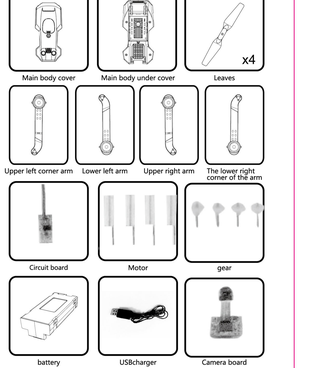


After turning on the aircraft, short press the obstacle avoidance mode button to turn on the obstacle avoidance mode The aircraft eye light will start to flash slowly, that is, the obstacle avoidance mode is working, at the same time Short press the obstacle avoidance button to turn off (the aircraft eye light will not start flashing at this time)

Aircraft settings reset

Hen a novice operates this remote-controlled aircraft, if the flight is unstable after takeoff and there is rapid drift in one direction, he can use the gyro level correction function to correct the aircraft. The method is as shown in the figure. After the frequency calibration is completed, the aircraft is placed on the flat ground, the two control levers of the remote controller are moved inward, and the aircraft flashes and is always on, indicating that the horizontal correction is completed.

Problem guide

Ask questions	The original for	Approach
Connect the flying saucer batteries and fly the indicator light on the ball continues Flashes, operation is no response!	Remote control and UFO is not successful	Please re-perform the remote control and the flying saucer
Connect the flying saucer battery There's nothing wrong with the motor should	1. Check if the remote control and the flying saucer are powered on 2. Check whether the remote control and the UFO battery are in a low power state 3. Is the battery positive and negative	1. Turn on the remote control and insert the UFO battery 2. Use full charge Full battery 3. Reinsert the battery and confirm that the battery and battery are positive or negative Pole piece of contact is normal.
Push the throttle lever The motor does not turn and flies the indicator light on the aircraft flashes	UFO lithium battery power shortage	Charge the battery or replace another fully charged battery
The flying saucer main rotor continue Unstable and drift	1. The main rotor deformation 2. UFO battery power shortage	1. Replace the main rotor 2. Charge or replace the battery with another battery
The flying saucer shoots badly	Main rotor deformation	1. Replace the main rotor
The flying saucer will roll up on or in the ceiling	The gyroscope is not at all right	The remote control can be automatically corrected mode, or restart the re-frequency
The flying saucer fell forward and fast Go the fly.	The gyroscope is not at all right	The remote control can be automatically corrected mode, or restart the re-frequency

Product main accessories name