

Ages 14 and up
适合年龄14岁以上



i Drone

**2.4GHz WIRELESS REMOTE CONTROL
THE SMALLEST SIX AXIS DRONE
IN THE WORLD**



Yi ZHAN[®]

Instruction Manual
使用说明书

1. INTRODUCTION 前言

Thanks for using YI ZHAN products. Helicopter is the first helicopter which can fly outdoor in a wild weather. In order to play Helicopter more convenient and easy, please read it carefully before playing the helicopter. Meanwhile, please keep it well, and take it for reference when adjustment and maintenance. i UAV 感谢您选购亿展产品！室外飞行的六轴飞行器，为了让您更方便，更容易操控飞行器，请您仔细阅读完此说明书后，再操作这台飞行器，同时请您妥善保管这本说明书，作为日后调整及维修的参考。

flight vehicle can satisfy you whatever rainy or sunny, even when outdoor wild grade 3-4, it will keep moving. i Aircraft

飞行器，无论何时何地，不管晴天雨天，包括室外风力不大于3-4级，都可以满足您对飞行的渴望。

WARNING LABEL LEGEND 标志代表涵义

	WARNING 警告 Mishandling due to failure to follow these instructions may result in damage or injury. 因为疏忽这些操作说明，而使用错误可能造成财产损失或严重伤害。
	CAUTION 注意 Mishandling due to failure to follow these instructions may result in danger. 因为疏忽这些操作说明，而使用错误可能造成危险。
	FORBIDDEN 禁止 Do not attempt under any circumstances. 在任何禁止的环境下，请勿尝试操作。

IMPORTANT NOTES 重要声明

Helicopter is not a toy, miniature remote control four-axis aircraft, but there is still some risk of the matter with instructions to correctly use the model in accordance with the Security, the dismantling of any modification or improper use of the product are not familiar with may be dangerous to the risk of unexpected or accidental, please do not overlook. i UAV

六轴飞行器并非玩具。虽然是小型的遥控六轴飞行器，但是仍然有一定的危险性，请您安全注意事项与操作说明来正确的使用该模型。任意的改装拆解或使用不当以及产品的不熟悉，都可能造成不可预期的危险或意外，请勿轻忽。

Manufacturer and dealer assume no liability for accidental damages by abnormal wear of parts, improper assembly, or operation in unsafe manners. This product is intended for use by age 14 years or older. Please ensure the product is operated under safe environment. i Aircraft

注意：任何遥控飞行器的使用，制造商或经销商是无法对使用者于零件使用的损耗异常，组装不当或不安全的环境操作所发生的意外负任何责任。本产品适用年龄14岁以上，请确保在安全无误的环境下操作。产品售出后本公司不负责因不当操作、拆卸、改装所引起的财产损失与人身伤害。

We recommend that you seek the assistance or an experienced pilot before attempting to fly our products for the first time. A local expert is the best way to properly assemble, setup, and fly your model for the first time.

The requires a certain degree of skill to operate, and is an item subject to normal wear and tear. Any damage or dissatisfaction as a result of accidents or modifications are not covered by any warranty and cannot be returned for repair or replacement. Please contact our distributors are not covered by any warranty and cannot discounted rates when you experience problems during operation or maintenance.

模型商品属于需高操作技术且为消耗性商品，如经拆装使用后，会造成不等时情况零件损耗，任何使用情况所造成商品不良或不同意，将无法于保固条件下更换新品或退货，如遇有使用操作维修问题，本公司全省分公司或代理将提供技术指导、特价零件供应服务。

2. SAFETY NOTES 安全注意事项



Fly inly in safe areas away from other people. Do not operate R/C aircraft within the vicinity of crowds or people. R/C aircraft are prone to accidents, failures, and responsible for their actions and damage or injury occurred during pilot error, and radio interference. Pilots are responsible for their actions and damage or injury occurred during the operation or as a result of R/C aircraft models.

遥控模型，六轴飞行器属于危险性商品，飞行时务必远离人群，人为组装不当或部件损坏，电子控制设备不良，以及操控上的不熟悉，都有可能造成飞行失控损伤等不可预期的意外，请飞行者务必注意飞行安全，并需了解自负载所造成任何意外之责任。



Special despal design for indoor & outdoor, please keep it away from obstacle

室内、室外专用机，请远离障碍物

This product is suitable for indoor and outdoor (the wind grade should be no more than 4). Please choose a place without obstacle, and keep distance from crowd and pets, don't play it under unsafe, for instance, heat source, wire or electronic power source, in order not to be damaged by collision landing, entanglement and lead to a fire, electric shock and cause losses of lives and property

本产品适合室内、室外（包括室外风力不要大于4级）环境飞行的遥控飞行器，飞行时请妥善保管选择无障碍的室内、室外场地，并与人群或宠物等保持适当距离，切勿于不安全的环境下操作，如热源、电线、电源等等，以免飞行器碰撞、迫降、纠缠而引起火灾、电击等危险，造成生命财产损失。

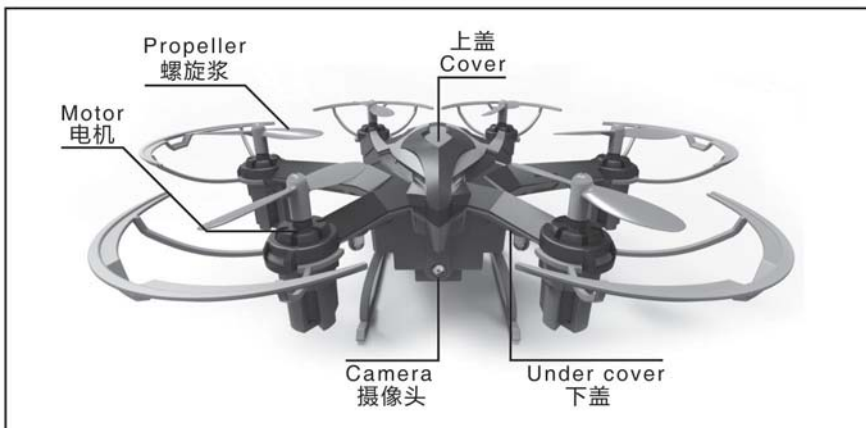


FORBIDDEN 禁止 PREVENT MOISTURE 远离潮湿环境 R/C models are composed of many precision electrical components. It is critical to keep the model and associated equipment away from moisture and other contaminants. The introduction or exposure to water or moisture in any form can cause the model to malfunction resulting in malfunction, or a crash. Do not operate or expose to rain or moisture. 飞行器内部也是由许多精密的电子零件组成，所以必须绝对的防止潮湿或水汽，避免在浴室或雨天时使用，防止水汽进入机身内部而导致零件及电子零件故障而引发不可预期的意外！	
FORBIDDEN 禁止 PROPER OPERATION 勿不当使用本产品 To avoid potential fire hazard from batteries, please do not short, reverse polarity, or puncture batteries. Battery charging must be done under supervision at all times, and at location out of reach by children. Double check the four AA batteries are rechargeable Ni-CD/MH batteries before charging. The manufacturer or this product will not be liable for accidental damages incurred by charging non-rechargeable batteries. 请勿任意拆卸或任意改造加工，任何的升级改造或维修，请使用亿展产品目录的零件，以确保结构的安全。请确认于产品限内操作，请勿过数使用，并勿用于安全法令外其它非法用途。	
FORBIDDEN 禁止 SAFETY NOTE FOR NI-MH BATTERIES 镍氢电池使用安全 Make sure the batteries are installed based on polarity indicated in the case and do not mix batteries of different chemistry/spec. Please take out the batteries if you are not going to use for a long time to avoid potential leakage which may damage the transmitter. Please dispose depleted batteries according to local laws and ordinances. Do not dispose improperly. 安装时请确认正负极位置，新旧电池请勿同时混用以免影响电池寿命。若长时间不使用本产品，请取出电池，以免造成电池漏液、故障。若电池有漏液状况请勿使用。废弃的电池，请依照该使用国家或地区的废弃物管理法令回收，切勿任意丢弃以免污染环境。	
FORBIDDEN 禁止 SAFETY NOTE ON LI-POLYMER BATTERIES 锂聚合物电池使用安全 Li-Polymer batteries poses higher operational risks compared to other battery chemistry, thus it is imperative to follow its usage instructions. Manufacturer and dealer assume no liability for accidental damages caused by improper usage. Do not use charger other than the factory supplied unit to avoid potential fire and explosion. Do not crush, disassemble, burn, and reverse polarity. Avoid metallic materials to come into contact with battery's polarity and cause it short and never puncture batteries to avoid fire hazards. Battery charging must be done under supervision at all times, and at location out of reach by children. Please stop the use or charge of the battery should there be an unusual increase in battery temperature after use. Continue use of this battery may cause it to expand, deform, explode, or even result in fire hazards. Please dispose depleted batteries according to local laws and ordinances. Do not dispose improperly. 锂聚合物电池较其它电池有更高的危险性，使用前请务必详读并遵照下列注意事项使用本电池，本公司将不对任何不当使用所造成的损害负责。严禁使用原厂以外的充电器进行充电，以免发生爆炸起火的风险。并防止尖锐的物品刺穿电池，以避免电池起火的风险。充电时请谨慎小心，确保在您的视线范围内进行充电。并远离幼童可以接触的地方，以免发生危险。电池使用后如有发热情况，严禁充电。否则会造成电池膨胀、变形、爆炸甚至起火燃烧，危害生命财产的安全。废弃的电池，请严格依照该使用国家或地区的废弃物管理法令回收，以免污染环境。	
CAUTION 注意 KEEP AWAY FROM HEAT 远离热源 R/C models are made of various forms or plastic. Plastic is very susceptible to damage or deformation due to extreme heat and cold climate. Make sure not to store the model near any source of heat such as an oven, or heater. It is best to store the model indoors, in a climate-controlled room temperature environment. 飞行器多半是以PA合金AB或聚乙稀，电子商品为主要材料，因此要尽量远离热源、日晒，以避免因高温而变形甚至溶毁损坏的可能。	
WARNING 警告 OBTAIN THE ASSISTANCE OF AN EXPERIENCED PILOT 避免独自操控 The products are suitable for more than 14 years old age. at the beginning it will have some certain difficulty in learning, suggestion guidance by experienced when playing. 本产品适用年龄14岁以上，遥控六轴飞行器在学习初期有着一一定难度，建议要有经验的人士在旁指导才可以飞行。	

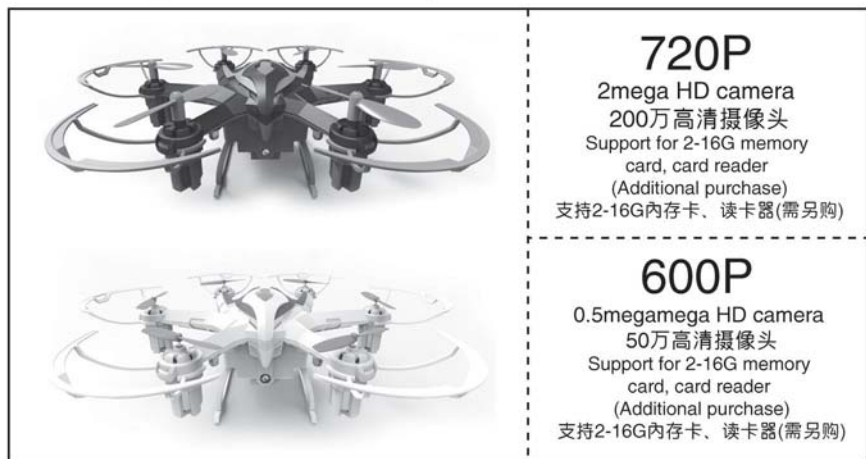
3.STANDARD EQUIPMENT 标准配件



4.NOMENCLATURE 飞行器各部位名称



5.Camera of the selection 摄像头的选择



5.NOMENCLATURE 遥控器各部位名称



Do not disassemble
禁止任意拆解

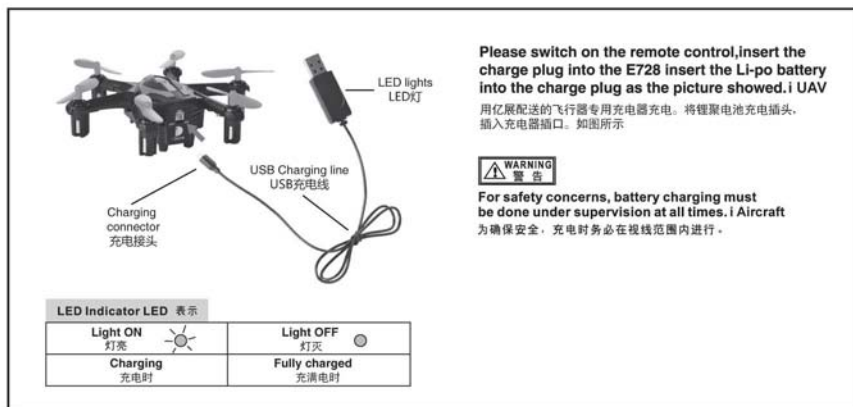
CHANNEL AND RUDDER VOLUME MONITOR
通道与舵量大小显示



6. TRANSMITTER BATTERY INSTALLATION 遥控器电池安装



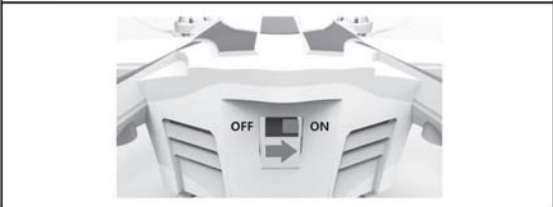
7. CHARGING BATTERIES 电池的充电



8. BATTERY AND CHARGER SPECIFICATION 电池与充电器相关规格

Battery Type 电池种类	Battery Specification 电池规格	Usage Duration 可使用时间		Charge Time 充电所需时间
Li-po Battery 锂聚电池	3.7V 450MAh	Helicopter flight time 飞行器飞行时间	Approx 5 Minutes 约5分钟	Approx 60 Minutes(Charging current approx 0.5A) 约60分钟(充电电流约0.5A)
Carbon-Zinc (Non Rechargeable) 碳锌电池(不可充电)	1.5V(GP 15G R2P)	Transmitter operation time 供遥控器开机时间	18 Hours 用18小时	Non Rechargeable 不可充电

9. BINDING OF RADIO TRANSMITTER AND RECEIVER 遥控器与接收器的对频

 ① Lowest 最低 ② ON/OFF 开/关	The throttle stick to the bottom (Figure 1), turn the remote control power(Figure 2). i UAV 将油门杆推至最低(如图①), 打开遥控器电源(如图②)。
	Turn the remote ON. Turn the power switch to the "ON", and place it on Level ground. The copter LEDs become static and then start blinking. Push the Throttle Stick STRAIGHT UP to the highest point and then PULL it back down slowly. The binding process is complete. And the copter will respond to controls from the Remote. IMPORTANT: Do not move the copter while the binding process is on, as the Gyro is being set to neutral. i Aircraft 将飞行器置于平级位置后, 打开电源开关至 "ON", 机身灯闪烁此时不要再移动机身, 使遥控器时轴与陀螺仪读取中立点, 机身灯快闪转为慢闪时把油门杆推到最低, 然后拉到最低, 此时接收板灯停止闪烁对频完成
	Done flying, switch to "OFF". 结束飞行时, 将开关打至 "OFF"。
 ON/OFF 开/关 Take out 取出	Turn off the transmitter. If transmitter is not to be used for a long duration, please remove the battery for storage. i UAV 关闭发射器电源, 长时间不使用时请将遥控器电池取出并妥善保管。 Warning: If the AA batteries are left in the transmitter, potential leakage could occur which may damage the transmitter, and create fire hazards. i Aircraft 电池未取下, 将导致电池漏液而损坏遥控器, 甚至造成起火燃烧的危险。

10. ORIENTATION MODE / AUTO RETURN 指南针飞行模式/一键返航模式

 Outstanding Orientation Mode / Auto Return, can start and fly in any orientation. If it flies far away, no need to worry about losing the orientation. 突破性的指南针飞行模式/一键返航模式让您控制 i6s 飞行到远处, 眼睛无法识别方向时, 启动后可以无论方向, 简单操控!	 NOTICE: 1.Orientation Mode / Auto Return: Connect the charged battery to the drone. After the LED light of the body is the indicator which the compass mode automatically adjustment. Please don't control the joystick, you can operate other actions after it left the ground which to avoid the compass mode unnormal operated. 注意: (1)指南针模式/一键返航模式的正常启动需要先为机身接入电源后, 您需正面对准 i6s 尾部, 再启动遥控器对频至机身LED灯常亮后可正常飞行使用 (2) i6s 起飞后机身LED灯是指南针模式的自动红转, 请勿控制转向杆, 离开地面后方可完成其它动作, 以免指南针模式无法正常运行。
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11. FLIGHT ADJUSTMENT AND SETTING 飞行动作调整与设定

Before you are familiar with the flight vehicle, please don't set it fly, read the instruction carefully. Get familiar with all kinds of direction control and keep repeating until you can play it as you perform your wishes

1. Place the flight vehicle a clear open field and the tail of helicopter point to yourself. i UAV

2. Practice to operate the throttle stick (as below illustration) and repeat practicing Throttle high/low, Aileron left/right, Rudder left/right, and Elevator up/down. i Aircraft

3. The simulation flight practice is very important, please keep practicing until the fingers move naturally when you hear operation orders being call out. i UAV

在还没有了解飞行器各个动作的操控前，严禁实机飞行，请先阅读说明书，熟悉各种方向的操控并不断的重复，直到手指可熟练的控制各种动作以及方向。

1. 将飞行器在空旷的地方，并将飞行器背面对准自己。

2. 练习操作遥控器的各摇杆(各动作的操作方式如下图)，并反复练习油门高/低、副翼左/右、升降舵前/后及方向舵左/右操作方式。

3. 模拟飞行的练习相当重要，请重复练习直到不需要思索，手指能自然随着喊出的指令移动控制。

 Ascending 上升 Descending 下降	Push up the throttle stick, and the spinning speed of the main blades will increase. The aircraft begins to ascend. Pull down the throttle stick, and the spinning speed of the main blades will decrease. The aircraft begins to descend. 当左操纵杆(油门)向上推，主风叶转速增大，飞行器升高。 当左操纵杆(油门)向下推，主风叶转速减慢，飞行器下降。	
 Turn right 右转 Turn left 左转	Push the rudder stick to the left, and the aircraft will turn to left. Push the rudder stick to the right, and the aircraft will turn to right. 当左操纵杆(转向舵)向左推，飞行器机头向左转。向右推，飞行器机头向右转。	
 Forward 前进 Backward 后退	When the rudder stick is pushed upward, the aircraft swashplate will tilt and it advances. When the rudder stick is pushed downward, the aircraft will tilt and it recedes. 当右操纵杆(方向舵)向上推，飞行器向前进。 当右操纵杆(方向舵)向下推，飞行器向后退。	
 Left sideward fly 左侧飞 Right sideward fly 右侧飞	When push the right lever (steering rudder) to the right, the aircraft will fly to the right. When push the right lever (steering rudder) to the left, the aircraft will fly to the left. 当右操纵杆(方向舵)向右推，飞行器机身偏向右侧飞行。 当右操纵杆(方向舵)向左推，飞行器机身偏向左侧飞行。	

NOTICE 特别提示

Push the throttle level slowly; please press the trimming buttons when the aircraft hovers or leans to different directions in the air. i Aircraft
慢慢推动油门操纵杆，当飞行器离开地面至空中时，若飞行器在空中打转或倾向不同方向，可使用微调修正动作。

Attention: When the aircraft ascends to 30cm high, it will suffer the "ground effect" and its performance will become unstable. i UAV

注意：当飞行器在离地面30cm的位置，飞行器会受到自身桨叶涡流的影响而变得不稳定，这就叫“地效反应”当飞行器的重量越低时，地效反应的影响越大。

	When the aircraft spins towards to left, please continuously press the trimming button(right-turn trimming) till it stops spinning. 当飞行器向左打转时, 请连续按动右微调按钮, 直到飞行器不打转为止。	
	When the aircraft spins towards to right, please continuously press the trimming button (left-turn trimming) till it stops spinning 当飞行器向右打转时, 请连续按动左微调按钮, 直到飞行器不打转为止。	
	When the aircraft flies sideways(towards the left) in the process of hovering, please continuously press the trimming button (right sideways fly) till it recovers. 当飞行器悬停时机身向左侧飞, 请连续按动右侧飞微调, 直到飞行器不会向左移动为止。	
	When the aircraft flies sideways(towards the right) in the process of hovering, please continuously press the trimming button (left sideways fly) till it recovers. 当飞行器悬停时机身向右侧飞, 请连续按动左侧飞微调, 直到飞行器不会向右移动为止。	
	When the aircraft flies backward in the process of hovering, please continuously press the trimming button (forward) till it recovers. 当飞行器悬停时机身向后飞, 请连续按动前进微调, 直到飞行器不会向后移动为止。	
	When the aircraft flies forward in the process of hovering, please continuously press the trimming button (backward) till it recovers. 当飞行器悬停时机身向前飞, 请连续按动后退微调, 直到飞行器不会向前移动为止。	
If the copter cannot upward straight, please make a adjustment, pressing the speed conversion button 100%, also keeping the throttle stick and direction stick to left bottom, until the instruction light flashing then loosen all buttons. When the light normally, adjustment done. 若飞行器起飞不能垂直上升, 可对飞行器进行校正。按速度转换按键100%。同时将油门操纵杆和方向操纵杆打到左下角, 此时飞行器指示灯快速闪烁松开遥控器全部按键, 待指示灯常亮, 校正完成。		

12. FLYING ENVIRONMENT 飞行前环境

1. Indoor flying: choose a wide place without barriers, pets and people. i UAV

2. Outdoor flying: choose the warm, sunny or windless weather. i Aircraft

NOTICE:

① Do not fly in extreme temperatures. Flying in extreme temperatures may affect the performance and damage the product.

② Do not fly in windy days. The performance and the control of the aircraft will be affected by winds. Windy condition may cause the missing and damage of the helicopter.

1、在室内飞行：请选择附近无障碍物、宠物及人的宽敞飞行。

2、在室外飞行：请选择温暖晴朗及没风或微风天气飞行。

注意：

① 切勿在气温极端的天气飞行：在过热或过冷的天气下飞行会影响飞行效果或损坏模型。

② 切勿在强风天气飞行：强风会对飞行造成局限或会妨碍你的飞行控制。在强风的情况下飞行，你的直升机会不知甩踪或令它损坏。

FLYING PRACTICE 飞行练习

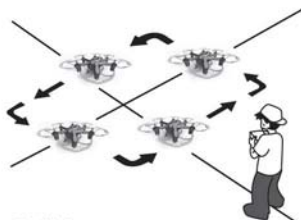
To master the aircraft, please attempt the following flying practices.

经过足够的练习后，尝试以下飞行练习

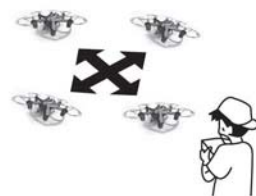
Fixed-point revolving
定点旋转(方向旋转)



Fixed-point landing
在指定地点着陆(定点着陆)



To flight a square pattern
飞行一个方形图案



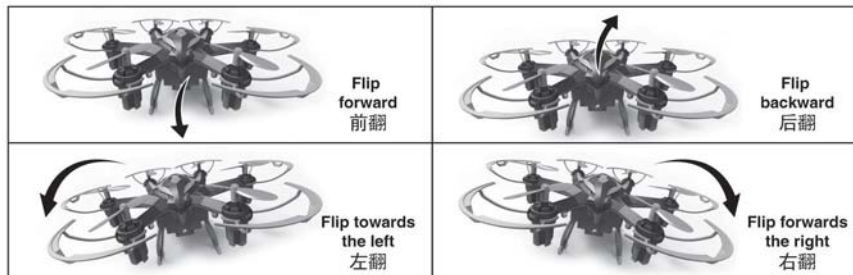
Completion of a cross action
完成一个十字架动作

You can sentinel take-off and landing of the aircraft, rotation, and other basic Practice, and then attempt to fly the square, cross-shaped pattern of flight training fly. The indicator light of aircraft is flashing, that means the aircraft's power is low, it remind you to control the copter back. i UAV
你可对飞行器进行定点起飞、着陆、旋转等基本练习后，再尝试飞行方形、十字架形图案的飞行练习。飞行器机身指示灯闪烁，表示飞行器电量不足提醒需返回。

3D FLIP FLYING 3D翻转飞行

Rolls and flips are advanced flying techniques and should be attempted once you have mastered the art of controlling the copter in flight. Please hover the copter at a steady height of 3 meters from the ground, press and hold the flip stunt button and push the elevator stickler slightly Upward and release immediately. The copter will instantly perform a Forward 3D flip. i Aircraft

当前面的基本动作都很熟练时就可以玩一些惊险的翻滚动作。将飞行器飞到3米以上高度后，按下翻滚按键遥控器发出滴滴响声，并同时向右操纵杆(方向舵)向一个方向打到底后松开，此进行飞行器就可以实现翻滚动作。



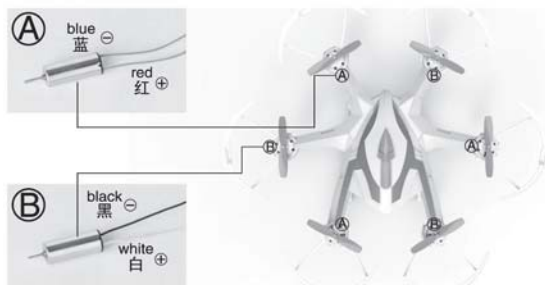
13. PROBLEMS AND SOLUTIONS 解决问题指引

PROBLEMS 问题	CAUSES 原因	SOLUTIONS 处理方法
Transmitter not working 遥控器没有电源	1.The transmitter switch is on "OFF" 1.开关打在“OFF”的位置	1.Turn on the transmitter 1.把开/关打在“ON”的位置
	2.Install the batteries improperly 2.没有依正确电极指示放入电池	2.Check with the pole indications and reinstall the batteries again 2.检查和确保电池是依照电池箱所指示的正负极放入
	3.Batteries are completely consumed 3.电池耗尽	3.Replace with new batteries 3.更换新电池
Control failure 不能遥控	1.The transmitter switch is on "OFF" 1.没有开启遥控器	1.Turn on the transmitter 1.把遥控器开/关拨向“ON”的位置
	2.The aircraft power supply is opened 2.飞行器电源是否开启	2.Turn on the aircraft 2.将飞行器开/关拨向“ON”的位置
	3.Too strong wind force 3.风力太大	3.Do not fly under the environment of windy as too strong wind may cause flying limitation to the aircraft or flying limitation to the aircraft or it may hamper your controlling or flying. 3.切勿在有风情况下飞行，有风会对飞行造成局限，或会妨碍你的控制飞行
	4.Unable to bind to remote 4.遥控器没有对上频	4.Binding the copter with the remote 4.正确对频
Ascending failure 飞行器不能升高	1.The rotation of main blades is too slow 1.旋翼转动速度太慢	1.Push up the throttle stick 1.动力操纵杆向上推
	2.Deplete copter battery 2.飞行器电池没有电	2.Charging the copter 2.为飞行器电池充电
Landing too soon 飞行器很快便着陆	The throttle stick is pulled down too fast 你太快的将动力操纵杆回拉	Pull down the throttle stick slowly to perform a smooth landing 慢慢的回拉动力操纵杆让飞行器慢慢着陆
Out of control 失控	Beyond the effective controlling distance 超出有效遥控距离	Make sure there is no transmitter with the same frequency is used with in the radius of 30 meters. 确保半径30M内不出现同频度持控

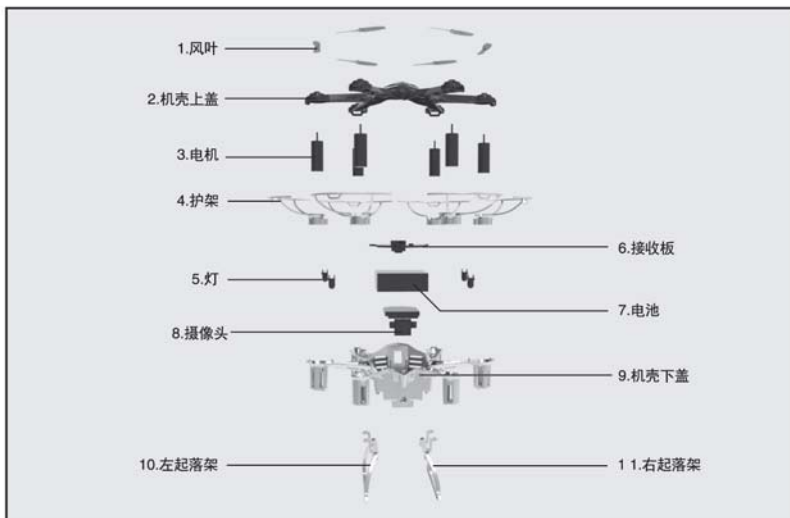
14. STRONG & UNIQUE DESIGN 强韧·独特设计

X6 has been tested at the harshest conditions with exceptional results to prove the stability and durability of this cutting edge new design.

不仅动力强劲更有坚韧品质，无惧考验。把动力做好并非难事，但通过超负荷连续飞行测试，则完全是另一个境界的事。且为将来升级更强动力独家采用易辨认、易更换的结构设计。



15. PARTS LIST 各种零件名称



16. ACCESSORIES FIGURE 配件图

NO. 编号	Name 名称	Quantity 数量	Specification 规格	Code No. 代码号
1	Propeller 风叶	6		
2	Upper the cover of the casing 机壳上盖	1		
3	The motor 电机	6		
4	Carbon fiber 护架	6		
5	The light 灯	4		
6	Receiver board 接收板	1		
7	Li-po battery 电池	1		
8	The Camera 摄像头	1		
9	Under the cover of the casing 机壳下盖	1		
10	Left undercarriage 左起落架	1		
11	Right undercarriage 右起落架	1		

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 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 to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.