

Ages 14 and up 适合年龄14岁以上

2.4 GHZ R/4 CH DIGITAL R /C QUAD-COPTER6-AXIS GYRO



Instruction Manual 使用说明书

INTRODUCTION 前言

Thanks for using JIANJIAN products. Helicopter is the first helicopter which can fly outdoor in a wild weather. In order to play Helicopter more convenient and easy, pleasure read it carefully before helicopter. playing the Meanwhile ,please keep it well, and take it for teference when adjustment and maintenance.

感谢您选购健健产品!室外飞行的四轴飞行器,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,同时请你妥善保管这本说明书,作为日后调整及维修的 参考。

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

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	Mishandling due to failure to follow these instructions may result in damage or injury.
警告	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	Mishandling due to failure to follow these instructions may result in danger.
注意	因为疏忽这些操作说明,而使用错误可能造成危险。
FORBIDDEN	Do not attempt under any circumstances.
禁止	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.

四轴飞行器并非玩具,虽然是小型的遥控四轴飞行器,但是仍然有一定的危险性,请您依安全注意事项与 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, inproper 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.

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 warrantee and cannot bere turned for repair orreplacement. Please contact our distributors are not covered by any warrantee 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,会造成零件损耗的情况,任何使用 情况所造成商品不良或不满意,将无法于保固条件内更换新品或退货,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。

SAFETY NOTES 安全注意事项

▲CAUTION 注意

Fly inly insafe areas away from other people.Do not operate R/C aircraft within the cicinty 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.pilote are responsible for their actions and damage or injury occurred during the operation or as of a result of R/C aircraft models.

遥控模型,四轴飞行器属于危险性商品,飞行时务必远离人群,人为组装不当或机件损坏,电子控制设备不良,以及操控上的不熟悉,都有可能导致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,并需了解自负疏忽所造成任何意外之责任。



DDEN 上 Special despecial 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 unsafty, for instance, heat source, wire or electonic 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,飞行时请妥善选择无障碍的室内, 室外场地,并与人群或宠物等到保持适当距离,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。







Parts of the installation 配件的安装



Turn the spacecraft and place on aflat position,push accessories to the position at the mbottom of fuselage as shown.

将飞行器反过来置于平坦置后,将相应各配件依图所示方向 推入机身底部至定位。







Wide-angle 30 frames 5 mega-pixel 广角30帧500万像素

60 frames 5 mega-pixel 60帧500万像素

High precision stable PTZ 高精度稳定云台

NOMENCLATURE 遥控器各部位名称







CHARGING BATTERIES 电池的充电



Please switch on the remote control,insert the charge plug into the E728 insert the Li-po battery into the charge plug as the picture showed. 用健健配送的飞行器专用充电器充电。将锂聚电池充电插头, 插入充电器插口。如图所示



For safety concerns, battery charging must be done under supervision at all times. 为确保安全,充电时务必在视线范围内进行。



Charger Specifications 充电规格

Green light ON Rec 保好亮	l light ON 红灯亮	Input 输入	Charging Current 充电电流	Full Voltage 充饱电压
Charge Completion 充电完成	Charging 充电中	220V	650MA	8.3± 0.03V

BATTERY AND CHARGER SPECIFCATION 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	7.4V 1200MAh	Helicopter flight time 飞行器飞行时间	Approx 7 Minutes 约7分钟	Approx 125 Minutes(Charging current approx 0.5A) 约125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 R6P)	Transmitter operation time 供遥控器开机时间	18 Hours 用18小时	Non Rechargeable 不可充电

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



HYPER IOC FUNCTION 指南针飞行模式,无惧迷失方向



Outstanding Orientation Mode, 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让您控制狼蛛飞行到远 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: Connect the charged battery to the drone. Place the drone on a FLAT surface. Switch "ON" the Transmitter, The light in the drone blinks rapidly; indicating the binding process is on. When the LED remains constant, the binding process is complete. 2.After Tarantula flight,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)指南针模式的正常启动需要先为机身接入电源后, 您需正面对准狼蛛X6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)狼蛛起飞后机身LED灯是指南针模式的自动校正, 请勿控制转向遥杆,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。



不同方向,可使用微调修正动作。

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

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 aerocraft spins towards to left, please continuously press the 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 aerocraft 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 aerocraft 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 aerocraft 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 aerocraft 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 aerocraft 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。	

FLYING ENVIRONMENT 飞行前环境

- 1. Indoor flying: choose a wide place without barriers, pets and people.
- 2. Outdoor flying: choose the warm, sunny or windless weather.

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 aerocraft 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的天气飞行。

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 切勿在强风在天气飞行,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,你的直升机会不知所踪或令它损坏。

FLYING PRACTICE 飞行练习

To master the aerocraft, 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



Fixed-point landing 在指定地点着陆(定点着陆)



copter back. 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 形图案的飞行练飞。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 matered 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 sticker slightly Upward and release immediately. The copter will instantly perform a Forward 3D flip.

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 嘀嘀响声,并同时将右操纵杆(方向舵)向一个方向打到底然后松开,此进飞行器就可以实现翻滚动作。



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/关掣在"0FF"的位置	1.Turn on the transmitter 1.把开/关掣打在"0N"的位置		
	2.Install the batteries improperly 2.没有依正确电极指示放入电池	 Check with the pole indications and reinstall the batteries again 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/关掣拨向"0N"的位置		
	2.The aerocraft battery no connection 2.飞行器电池没连接	2.The aerocraft battery in the correct orientation connection 2.把飞行器电池按正确方向连接		
	3.Too strong wind force 3.风力太大	 3.Do not fly under the environment of windy as strong wind may cause flying limitation to the aerocraft or flying limitation to the aerocraft o may hamper your contrilling 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		

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。 且为将来升级更强劲动力独家采用易辨认、易更换的结构设计。



PARTS LIST 各种零件名称



ACCESORIES 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	4		
2	Motor cover	电机盖	4		
3	Upper the cover of the casing.	机壳上盖	1		
4	Receiver board	接收板	1		
5	The motor seat	电机座	4		
6	The motor	电机	4		
7	Under the cover of the casing	机壳下盖	1		
8	Gear assembly	齿轮组件	4		
9	Carbon fiber	护架	4		
10	The lampshade	灯罩	4		
11	Left undercarriage	左起落架	1		
12	Right undercarriage	右起落架	1		
13	Li-po battery	电池	1		
14	Battery cover	电池盖	1		
15	Left lamp cover	左灯明罩	1		
16	Right lamp cover	右灯明罩	1		
17	Upper lamp cover	顶灯明罩	1		