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飞天遁地
FLY OR
使用说明书
INSTRUCTION MANUAL



Appearance patent No.
外观专利号:
2014304598566

Features patent No.
功能专利号:
201420491756.6

Counterfeiting 仿冒必究

CE, RoHS, FCC, and other certification logos

Accessories list 配件列表			
Part name: Case 零件名称: 机壳	Part name: AB Blade 零件名称: A电机	Part name: Lithium Battery 零件名称: 锂电池	Part name: Webcam 零件名称: 摄像头
Part name: Support tube 零件名称: 支撑管	Part name: Battery case 零件名称: 电池盒	Part name: Colorful LED Light 零件名称: LED七彩灯条	Part name: Motor (Red and blue) 零件名称: A电机 (红蓝)
Part name: Motor (Black and white) 零件名称: B电机 (黑白)	Part name: Circuit board (reception) 零件名称: 电路板 (接收)	Part name: Main frame 零件名称: 主架	Part name: Spindle 零件名称: 主轴
Part name: AB Wheel 零件名称: A轮子	Part name: AB Paul box (with driver) 零件名称: A保箱 (带驱动)	Part name: AB Motor seat 零件名称: A电机座	

Warning 警告

FAILURE instruction manual to become familiar with the features before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury and death. This product is not intended for use by children without adult supervision. This manual contains instructions for safety, maintenance. It is essential to read and follow all the instructions in the manual, prior to assembly, setup or use, in order to operate the product safely and avoid damage or serious injury.

个说明书以便了解该产品的功能。未能正确地操作本产品可能会导致产品损坏、人身伤害、财产损失或严重伤害甚至死亡。本产品不是为儿童在没有成人监督的情况下使用。本手册包含有关安全、维护、保养、因此，在装配、安装或操作之前，请务必仔细阅读本手册中的所有指示和警告，以便正确操作，避免造成损坏或严重伤害。

Safety Precautions and Warnings 附加安全措施防范和警告

Indication: Not for children under 14 years. This is not a toy. Do not use your model in open spaces away from full-size vehicles, people, or property. Always follow the directions and warnings for this and any optional accessories (chargers, rechargeable battery packs, etc.). Do not use the model with chemicals, small parts and anything electrical out of the box. Do not use the model with water exposure to all equipment not specifically designed and for this purpose. Moisture causes damage to electronics. Do not use any portion of the model in your mouth as it could cause serious injury or death. Do not use your model with low transmitter batteries.

4岁以下儿童，这不是一个玩具。
操作您的模型，远离车辆、交通和人。
不要使用模型和警告，以及任何可选的支持设备。（充电器，可充电电池等）
不要使用模型与化学药品，小型部件用电设备需远离儿童接触。
尤其此设备的设计不是为了防水功能，水汽也会导致电子产品损害。
不要将部件放在嘴里，因为它可能会导致严重受伤甚至死亡。
在低电时切勿操作您的模型。

Introduction 简介

■ Thank you buy this product! This is an energy in the room, four-axis aircraft flying outside, in order to make it easier and easier to control the aircraft, please carefully reading this manual before operating the aircraft units, and please keep this manual for future adjustment and maintenance of reference.

感谢您选购该产品！这是一台能在室内、外飞行的4轴飞行器，为了让您更方便地操控飞行器，请您仔细阅读完此说明书，再操作此台飞行器，同时请您妥善保管好本说明书，作为日后调整和维修的参考。

■ Before your first flight, please take the time to carefully read the manual containing important flight information, which will help you your first flight, to become a great course.

在你第一次飞行前，请花时间仔细 阅读本手册含重要的 飞行资料，这将有助您的第一次飞行，成为一次伟大的历程。

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Warning 警告	
■ Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury. This is a sophisticated hobby product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. This manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury. ■ 操作前, 请阅读整个说明书以了解产品的功能。未能正确地操作本产品可能会导致产品损坏, 对人身财产造成严重损害。这是一个复杂的模型产品, 而不是一玩具。它不仅需要谨慎操作, 还需要具备操作常识和制作基础。若未能安全使用该产品, 会损坏该产品或者对人身, 或者对其他财产造成损失。本产品不适合没有成人监督下的儿童直接使用。本产品内容包含安全、操作、维护、因此, 在装配、安装或使用产品前, 我们必须阅读并遵守本手册中所有的指示和警告, 以便正确操作, 避免造成损伤或严重伤害。	
Additional Safety Precautions and Warnings 附加安全措施防范和警告	
1. Age Recommendation: Not for children under 14 years. This is not a toy. 2. Always operate your model in open spaces away from full-size vehicles, traffic and people. 3. Always carefully follow the directions and warnings for this and any optional support equipment (chargers, rechargeable battery packs, etc.). 4. Always keep all chemicals, small parts and anything electrical out of the reach of children. 5. Always avoid water exposure to all equipment not specifically designed and protected for this purpose. Moisture causes damage to electronics. 6. Never place any portion of the model in your mouth as it could cause serious injury or even death. 7. Never operate your model with low transmitter batteries. 1. 年龄建议: 不适合14岁以下的儿童, 这不是一个玩具。 2. 始终在开放的空间操作你的模型, 远离车辆、交通和人。 3. 必须仔细地遵循操作说明和警告, 以及任何可选的支持设备。(充电器, 可选充电电池等) 4. 始终保持远离所有的化学品, 细小部件用电子设备需远离儿童接触。 5. 应避免与水接触, 尤其此设备的设计不具备防水功能; 水汽也会导致电子产品损害。 6. 切勿将模型的任何部件放在嘴里, 因为它可能会导致严重受伤甚至死亡。 7. 当发射机电池电压过低时切勿操作你的模型。	

Introduction 简介	
■ Thank you buy this product! This is an energy in the room, four-axis aircraft flying outside, in order to make it easier and easier to control the aircraft, please carefully reading this manual before operating this aircraft units, and please keep this manual for future adjustments and maintenance of reference. 感谢您选购该产品! 这是一台能在室内、外飞行的4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, 再操作此台飞行器, 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。 ■ Before your first flight, please take the time to carefully read this manual containing important flight information, which will help it your first flight, to become a great course. 在你第一次飞行前, 请花时间仔细 阅读本手册含重要的飞行资料, 这将有助您您的第一次飞行, 成为一名伟大的历程。	
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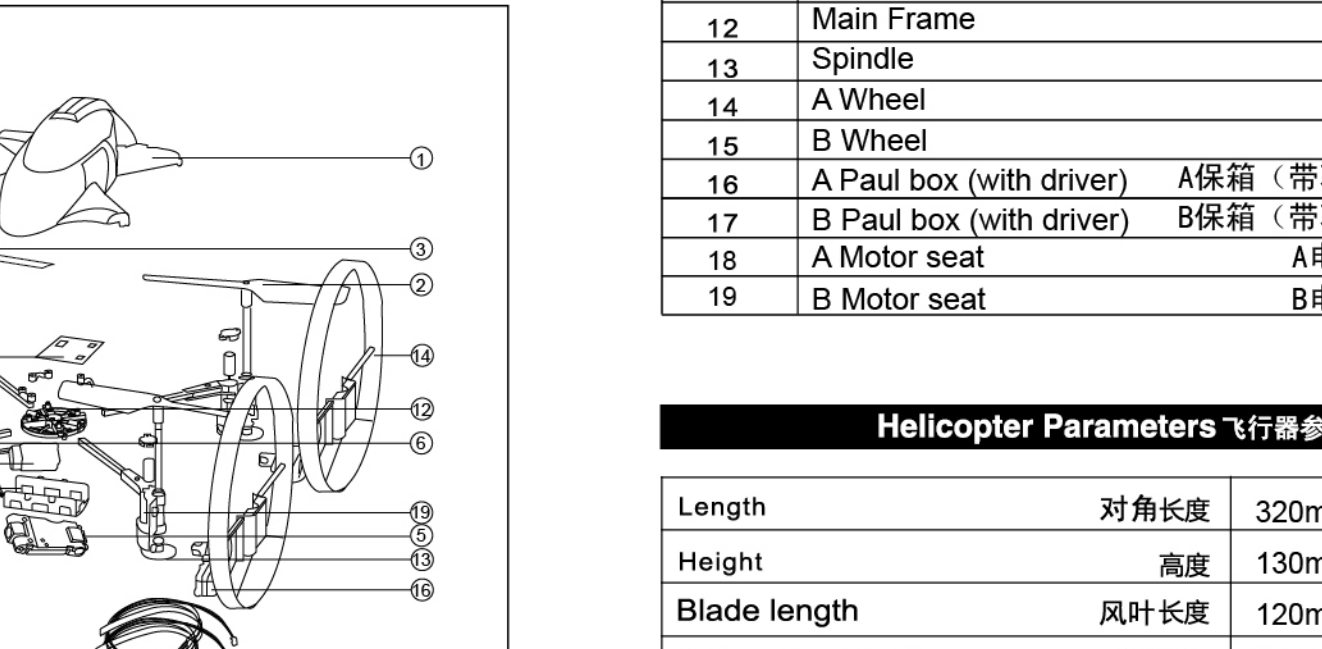
Warning and the guide of using battery 电池使用警告与向导	
CAUTION: All instructions and warnings must be followed exactly. Mishandling of Li-Po batteries can result in a fire, personal injury, and/or property damage. 1. If at any time the battery begins to balloon or swell, discontinue use immediately. If charging or discharging, discontinue and disconnect. Continuing to use, charge or discharge a battery that is ballooning or swelling can result in fire. 2. Always store the battery at room temperature in a dry area for best results. 3. Always transport or temporarily store the battery in a temperature range of 40-120°F. Do not store battery or model in a car or direct sunlight. If stored in a hot car, the battery can be damaged or even catch fire. 4. Never use a Ni-CD or Ni-MH charger. Failure to charge the battery with a compatible charger may cause fire resulting in personal injury and/or property damage. 5. Never exceed the recommended charge rate. 6. Never cover warning labels with hook and loop strips. 注意: 必须严格遵守所有的指示和警告, 不正确处理聚合物电池可能会: 1. 导致火灾, 导致人身伤害或财产损失。 2. 通过处理, 充电或使用包括锂电池, 你相信所有与锂电池相关的风险。 3. 在任何时间如果电池开始膨胀, 请立即停止使用; 如果充电或放电, 终止和断开; 继续使用, 充电或放电的膨胀电池, 可能会导致火灾。 4. 电池始终储存在室温下, 在干燥的地方以取得最佳效果。 5. 始终将运输或暂时存放在40-120华氏度的温度范围内, 不要存放在模型车内或直射阳光下。如果在热车内, 电池会被损坏, 甚至着火。 6. 切勿使用镍镉或镍氢电池充电器。不兼容的充电器充电电池可能会引起火灾, 造成人身伤害和财产损失。 7. 电池电压过低时, 千万不要操作你的设备。 Notice: When less than 3V, lithium batteries may be damaged or may not accept the charge; when the voltage is below the aircraft flight 3.3V, flight power down significantly, please drop immediately and promptly to charge the battery. 注意: 当低于 3V时, 锂电池可能会被损坏, 或者可能不再接受充电。飞机飞行时电池电压低于3.3V时, 飞行动力下降明显, 请立即降落并且及时给电池充电。	
Battery Charging 电池充电	
Instructions: With the delivery of USB charging cable to charge the battery USB charging red light is not on. The red indicator light long after the battery is fully charged 说明: 用配送的USB充电线给电池充电 充电时USB红色指示灯不亮 电池充满后红色指示灯长亮	

First Flight preparation CAUTION 飞前注意事项	
1. Make sure the power is sufficient. 2. When the power switch, make sure the throttle stick at the bottom, both sides Direction pushed into the electrical outlet for the included Li-Po battery you assume all risks associated with lithium batteries. 3. If at any time the battery begins to balloon or swell, discontinue use immediately. If charging or discharging, discontinue and disconnect. Continuing to use, charge or discharge a battery that is ballooning or swelling can result in fire. 4. Always store the battery at room temperature in a dry area for best results. 5. Always transport or temporarily store the battery in a temperature range of 40-120°F. Do not store battery or model in a car or direct sunlight. If stored in a hot car, the battery can be damaged or even catch fire. 6. Never use a Ni-CD or Ni-MH charger. Failure to charge the battery with a compatible charger may cause fire resulting in personal injury and/or property damage. 7. Never exceed the recommended charge rate. 1. 确认电源是否充足。 2. 打开电源开关时, 请确认油门杆在下。方向杆推入时, 请确认油门杆在下。方向杆推入时, 请确认油门杆在下。 3. 确认与飞行器是否同频, 如果异常请重新对频。 4. 寻找一个合适飞行的场地, 远离人群、车、高压电塔、水塘等, 方可进行安全愉快的飞行。	
ADJUSTMENT OF EACH TRIM 飞行动作微调	
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. 慢慢升起油门杆。当飞行器刚刚离开地面时, 若飞行器偏向不同方向, 可使用微调整正动作。 1. Adjustment of elevator trim 调整升降舵微调 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 to up. 在飞前正离地时, 飞行器向前/后方向倾斜... 向前倾斜时, 微调向下调整。 向后倾斜时, 微调向上调整。	
Battery Charging 电池充电	
Instructions: With the delivery of USB charging cable to charge the battery USB charging red light is not on. The red indicator light long after the battery is fully charged 说明: 用配送的USB充电线给电池充电 充电时USB红色指示灯不亮 电池充满后红色指示灯长亮	

Troubleshooting Guide 如何排除飞行中的异常		
Situation 情况	Cause 原因	Way to deal 对策
1. Receiver status LED blinks continuously for 4 seconds. (Receiver not properly connected or receiver not powered on.)	Unable to bind to transmitter.	Repeat the power up initializing process. (请重复开机初始化过程。)
2. No response after battery is connected to helicopter.	1. power to transmitter and receiver. 2. Check transmitter and receiver voltage. 3. Power to receiver.	1. Turn on transmitter and ensure flight voltage is correct. 2. Use fully charged batteries. 3. Check the battery and ensure good contact between battery contacts.
3. Motor does not respond to throttle stick. Helicopter battery depleted.	1. Turn on transmitter and ensure flight voltage is correct. 2. Check the battery and ensure good contact between battery contacts.	1. Fully charge the battery, or replace with a fully charged battery.
4. Main rotor continues to spin after landing.	Throttle trim accidentally increased during flight.	Confirm throttle trim is in center or slightly below.
5. Main rotor spins but unable to takeoff.	1. Rotor deformation 2. Helicopter battery depleted	1. Replace main blades 2. Charge or replace with a fully charged battery
6. Strong vibration of helicopter	1. Rotor deformation	1. Replace the rotor
7. Tail still off trim after tab adjustment.	1. Damaged tail rotor 2. Damaged tail drive motor	1. Replace the rotor 2. Replace the main motor

Parts List 零件清单			
NO	PART NAME	零件名称	QUANTITY
1	Case	机壳	1
2	A Blade	A风叶	2
3	B Blade	B风叶	2
4	Lithium Battery	锂电池	1
5	Webcam	摄像头	1
6	Support tube	支撑管	4
7	Battery case	电池盒	1
8	Colorful LED Light	LED七彩灯条	4
9	A Motor (Red and blue)	A电机 (红蓝)	2
10	B Motor (Black and white)	B电机 (黑白)	2
11	Circuit board (reception)	电路板 (接收)	1
12	Main Frame	主架	1
13	Spindle	主轴	4
14	A Wheel	A轮子	2
15	B Wheel	B轮子	2
16	A Paul box (with driver)	A保箱 (带驱动)	2
17	B Paul box (with driver)	B保箱 (带驱动)	2
18	A Motor seat	A电机座	2
19	B Motor seat	B电机座	2

Helicopter Parameters 飞行器参数		
Length	对角长度	320mm
Height	高度	130mm
Blade length	风叶长度	120mm
Battery Specification	电池规格	7.4V 400mah

Exploded view 分解图	
	

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.