一、产品的主要技术指标

机身长: 800mm	
主桨翼回旋直径: 560mm	
总重量: 620g	
遥控距离: 150米以上	
飞行时间: 10分钟左右	
充电时间: 150分钟左右	
电池容量: 7.4V锂电池(可选)	
遥控器电池: "AA"1.5V x6(另购)	

二、遥控器安装说明

1. 如(图1)将天线从遥控器的小孔插入。轻轻按住并推拿针筒转盘到天线与天线底座接好为止。然拉杆天线拉长。飞机的遥控距离会更远。
2. 如(图2)以上正电的方向将遥控器装上6颗"AA"电池，再装上电池盖。

注意：1. 装电池时必须认准电池正负极一致。若不能装反。
2. 请勿混合使用不同种类的电池。
3. 请勿混合使用全新和旧的电池。

图1

图2

前进

当右操纵杆（方向舵）向上推，机头向下倾斜，直升机向前移动。

后退

当右操纵杆（方向舵）向下拉，机头向上倾斜，直升机后退。

八、特别提示

飞行中如没有推动方向舵操作杆，直升机仍然在空中打转，这时可以调节方向舵微调钮。

1. Product major technique target

Helicopters Main technical index	Fuselage length: 800mm
	Main rotor diameter: 560mm
	Weight: 620g
	Operational range: above 15m
	Flying time: about 10 minutes
	Charge time: about 150 minutes
Use batteries	Helicopter batteries: Li-Polymer 7.4V
	Transmitter batteries: "AA" 1.5V x6 (additional purchase)

2. Instruction of assembling the controller

1. Insert the antenna in the hole of transmitter press lightly and turn clockwise, until the antenna is connected to the controller well. Extend the antenna, the control distance will be further. (Pic. 1)
2. Install 6 x "AA" batteries in the remote controller in right ways, and then install the batteries into battery box. (Pic. 2)

Notice: 1. Install the battery must recognize the battery and battery box is precise plus or minus polarity,can't installation reverse.
2. Do not mix new and old batteries together when in use.
3. Please don't mix different types of batteries when in use.

Pic. 1 Pic. 2

8. Special prompt

Backward

When the right stick (rudder stick) the head of helicopter will incline towards upwards, helicopter goes backward.

If you don't move the rudder stick in flying the helicopter is still revolving in the sky. So you can adjust the rudder trim.

Forward (onward)

When the right stick (rudder stick) is pushed forwd the nose of helicopter will tilt downward and the helicopter moves forward.

Head turning left

When the right stick (rudder stick) is moving to left, the head of the helicopter turns to left.

Head turning right

When the right stick (rudder stick) is moving to right, the head of the helicopter turns to right.

7. Control method

1. If electric power of the helicopter is insufficient, it will result in not enough flying height or difficult flying. In this while, please stop flying to avoid damaging to the batteries. Please shut the power into out of the socket to avoid damaging of the batteries. If helicopter is not used for a long time, please make sure to charge enough electricity before placing it and pull in the helicopter become damaged deformation please repaired in time If the helicopter become damaged deformation, please repaired in time. It will lead to injury.
2. If the helicopter become damaged deformation, please repaired in time. It will lead to injury.
3. If you don't use the transmitter for a long time, remove all batteries out. In order to avoid the battery leakage to damage this product.
4. Don't drop the helicopter from high position or crash it seriously because that will damage it seriously or shorten the using time.

六、安全防范

模型使用中和使用后，电机将会发生高温，请不要触摸，直到一段时间冷却下来。

模型发动后，请不要接触模型的高速旋转部分（包括齿轮、主桨翼等）。它们能引起伤害。

七、操纵方法

1. 若直升机电量不足，会出现飞行高度不够或起飞困难，此时请立即降落；避免电池损坏，飞行完后，请把电源线的插口拔出，避免电池损坏；长时间不使用时，请充足电搁置，并把电源线的插口拔出，避免电池损坏。
2. 若直升机出现破损、变形请及时修复。严重者如旋翼断裂破损切勿飞行，否则会致受伤。
3. 长期不使用请将遥控器的电池取出，以免电池漏液或电池其他故障造成对本产品的损坏。
4. 切不能让直升机高空坠机或严重碰撞，这样会损坏直升机或缩短直升机寿命。

注意：

① 飞行前请务必确认周围的环境。
② 飞机飞行时请勿让飞机飞离视线。
③ 不能单独让儿童飞行，请成人陪同飞行飞行。
④ 室内请确认无其他使用相同频率的人在操纵玩耍。

五、预备起飞

1. 将飞机平稳的放在平整地面。先打开遥控器开关。
2. 请确保你位于直升机机尾的上飞机飞离视线。
3. 重新检查场地，远离人群、动物、树木、建筑物、电线及其他障碍物。
4. 把遥控器左转拉至最大位置。
5. 推动油门至最大位置，电源/状态指示灯变为常亮。
6. 将飞机放在地面上，并推动油门至最大位置，然后将油门至最大位置。

图4

注意：

1. 开启遥控器电源开关，按"五、预备起飞之4"对飞机进行预起飞。
2. 停止飞行时，请关闭飞机电源，再关闭遥控器，否则可能出现意外失控现象。

三、动力电池充电使用说明

将电池与本产品配置的智能充电器及遥控器连接，遥控器插入电源座中，当智能充电器指示灯红色变成绿色时，表示充电完成。（图3）

注意：
1. 确保交流插座器的电压稳定
2. 请勿飞行完后立即充电，
飞行过后电池会很烫，
石墨充电，以免损坏电池的
损坏。
3. 充电时，人员切勿离开。
4. 不要把电池放入火里或烘烤
母婴或儿童接生用养息器。

图3

四、飞行前环境

1. 在遥控器预设的区域的飞行
① 切勿在气温极端的飞行
切勿在温度在于110度/摄氏45度情况飞行，在过热或过冷的气下飞行会影响飞行效能及组件。
② 切勿在强风的天气飞行
强风会对飞行造成困扰，或会因不控制飞行，在强风的情况下飞行，切勿直升机或不所操及令它坠坏。
③ 切勿在恶劣的天气飞行
切勿在雷雨电闪，暴雨，雪雹，或其他恶劣天气飞行。
2. 选择一个广阔的草地飞行
在飞行场要确保场地足够的，切勿靠近人群，动物，树木，高楼大厦，架空电线及其他障碍物来后切勿你的直升机。
3. 请选择在室内宽敞处飞行，并确认周围无障碍物，变物及人。

1. Product major technique target

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Notice: 1. Install the battery must recognize the battery and battery box is precise plus or minus polarity,can't installation reverse.
2. Do not mix new and old batteries together when in use.
3. Please don't mix different types of batteries when in use.

Pic. 1 Pic. 2

3. Power batteries charging instruction

The Li-polymer battery and the charger box, AI adapter connecting, AI adapter plug in the block, when charger box by the red charger LED into green right said charging completed. (Pic. 3)

NOTICE:
1. Be sure the electric voltage in your living conditions suit the adapter, the plug insert correctly.
2. The battery do not recharge after stopping to fly and must do after cooling for 20 minutes, that is to avoid damage to the battery.
3. Take care of the battery when it recharge.
4. Do not throw the batteries into fire or any disassemble to avoid explosion hazard.

Pic. 3

4. Preflight conditions

1. **Fly on a sunny day, without wind**
① Do not fly in extreme temperature.
Do not fly in temperature above 113 degrees Fahrenheit/45 degrees centigrade, or below 50 degrees Fahrenheit /10 degrees cent grade. Flying in extreme heat and/of cold will affect performance and may damage the model.
② Do not fly in strong wind.
windy conditions will limit, or disturb the flying control.
In very windy conditions, your helicopter may become lost and/ or damaged.
③ Do not fly in adverse weather.
Do not fly in electric storms, rain, sleet, snow or other adverse weather conditions.
2. **Select a large, wide-open grassy area for flying. make sure the location is clear before flying.**
Do not startup your helicopter near public, animals, trees, buildings, overhead wires, or other obstructions.
3. **Select a large, wide-open area for flying, and make sure that there is no obstructions, animals or people nearby.**

上升

当左操纵杆（油门），向上推，主旋翼转速增大，直升机升高。

下降

当左操纵杆（油门），向下推，主旋翼转速减小。直升机下降。

机头向左旋

当左操作杆（方向舵）向左推，直升机机头向左旋。

机头向右转

当左操纵杆（方向舵）向右推，直升机机头向右转。

九、解决问题指引

问题	原因	处理方法
遥控器指示灯不亮	没有正确装据电极放入电池。	检查和确保电池上依照电池箱所指示的正负极放入。
	电池耗尽	放入新电池。
遥控器不能遥控	没有拧紧遥控器的天线或天线未完全伸长。	确保把天线拧入遥控器中和完全伸长。
	风力太大	切勿在强风的天气下飞行，强风会对飞行造成困扰，或会妨碍你的飞行控制。
直升机不能升起	旋翼转动速度太慢	左操纵杆（油门）向上推。
	直升机未完全充电。	为直升机充满电。

WIRELESS R/C HELICOPTER USING INSTRUCTION

CAUTION

- Please observe the operation manual or packing explanation to install and use, and some parts should be install by adult.
- The product contains small part, it may cause swallow or choke.
- Never run an R/C model in the seeper or rain, moisture areas, or it may cause the parts malfunction.
- Please throw the wrapper in time to avoid danger for the children.
- Regularly examine for damage to the charger, wire, plug, or other parts. In the event of any damage, it must not be used until the damage has been repaired.
- The charger, battery box and battery must insert with the appointed power source of product symbol same.
- This product must only be used with the original collocation charger.
- The charger is not a toy.
- Apart the charger and toy before clean.
- As the front end of the antenna may be dangerous,do not aim it toward anyone's body, face or eyes.
- Batteries are to be inserted with the correct polarity.
- Use the"AA"non-rechargeable or"AA" rechargeable batteries.
- Non rechargeable batteries are not to be recharged.
- Rechargeable batteries should only be charged under adult supervision.
- Different types of batteries or old and new batteries are not to be mixed.
- Exhausted batteries are to be remove in time.
- The supply terminals are not to be short-circuited.
- Never short circuit the batteries, throw it in a fire or attempt to open their outer casings.
- Please remove the batteries when not in use.
- Please retain these instructions for future reference.

CAUTION:

① Be sure of the surroundings before flying.
② Do not let the plane fly out of sight when flying.
③ Do not let the child play alone,play together with adult.
④ Make sure that there is nobody using the same frequency as you do at the same time in the room.

5. Prepare for take off

1. Put the helicopter on the flat ground. to open the transmitter switch to turn the receiver switch.
2. Ensure that you are at least 2m away from the back of the helicopter (face to the tail).
3. Recheck the area to make sure it is clear of people. animals. trees. buildings. high voltage wire. and other obstructions.
4. Pull the antenna of the remote controller to the maximum and open the switch power, push the accelerator to the maximum position and power state indicator will start glittering. Then you can pull the accelerator to the minimum position and power state indicator will be turning bright. Then you can prepare to take off. (Pic.4)

Pic. 4

CAUTION:

1. Turn on the transmitter, ready to fly by "5. Prepare for take off-4".
Please shut down the power of the helicopter and close the remote controller when stop flying. Otherwise, it may cause danger of out of control.

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.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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.

9. Troubleshooting guide

Problem	Cause	Solution
The helicopter doesn't works	Insted the battery that doesn't or transmitter doesn't works	Check not make sure the the batteries are right polarity
	Batteries are drained.	Install new batteries.
	Transmitter's antenna is not normal or bent and/or it is not fully extended.	Pulling up the antenna is stretched into the antenna fully extended.
No control	It is a windy day.	Do not fly in wind. For it will limit or disturb your flying
Helicopter is too high	Floor speed is too slow	Pulling up the left stick (throttle stick).
	Helicopter is not fully changed enough	Fully charge your helicopter

When the helicopter is turning to left, please turn the rudder trim to right slowly until the helicopter is still.

When the helicopter is turning to right, please turn the rudder trim to left slowly until the helicopter is still.

无线遥控直升机使用说明书

⚠ 警告

- 请按照说明书或包装说明安装或使用，部分零件由成人组装。
- 产品含小零件，可能产生窒息或吞食危险。
- 严禁在室内、雨天、潮湿环境下使用。
- 请勿将螺丝位于儿童可接触的地方。
- 定期检查螺丝、电线、插头、外壳和零部件，发现有损坏或老化请停止使用。
- 请勿将螺丝、电线、插头、外壳和零部件随意更换。
- 本产品不适合儿童玩耍，请成人监护。
- 请勿将本产品投入火中。
- 请勿将电池短路。
- 请勿将电池放入火里或烘烤。
- 不可用其他电池代替电池盒内的电池。
- 长期不使用请将电池盒内的电池取出。
- 请勿将电池盒内不同种类的电池混用。
- 请勿将新旧电池混用。
- 请保留说明书以备日后查阅。
- 本说明书会有产品更新恕不另行通知。请以实物为准。