

**Prüfbericht - Nr.:**  
Test Report No.:

**14029834 001**

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**User manual**

**14+**

To avoid copter's damage and player's injury,  
please read this instruction before flying!

## R/C HELICOPTER USING INSTRUCTION

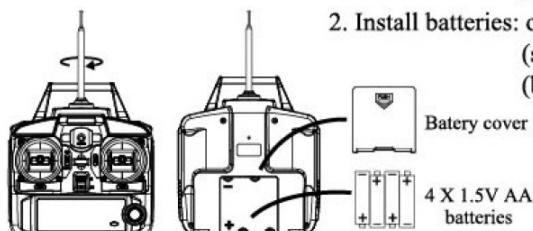


### WIRELESS REMOTE HELICOPTERS



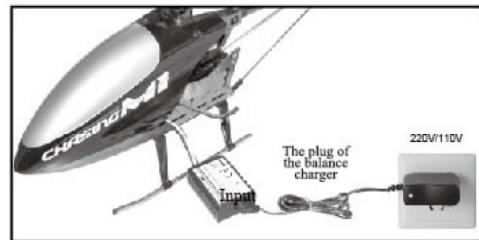
### Safety regulations

1. Placed in small parts of the reach of children, to avoid accidents.
2. The blades of this helicopter is used activities blades,don't screw up.
3. The helicopter was powerful, should be gradually pushed up the remote control shift lever on the left for first flight, to avoid the surge caused the helicopter crash damage.
4. Should be turn off the power of controller first then turn off the power of the helicopter when finished flight.
5. Do not place the battery in high temperature, heating place(e.g:fire or electric heating devices)
6. Note that when the helicopter to keep the user or other persons from 2-3 m to avoid the helicopter flight, landing crashed into another person's head, face and body and so on.
7. Children should control the helicopter by adults in the guidance and ensure the helicopter control in manipulator (or guides) line of sight range, easy to control.
8. Non-rechargeable battery is not charging, installation the lithium battery,please note that the battery polarity. Do not mix old batteries and new batteries or different type batteries.
9. Should be turn off the power of the controller and helicopter when not in use.
10. Power terminal is not allow short circuiting.

**Assembly transmitter & helicopter charging**
**Assembly transmitter**


1. Install antenna: install the antenna in the transmitter by turning it clockwise until finger tight.
2. Install batteries: open the cover of battery case, insert 4 batteries (size 1.5V AA) properly followed by polar indicator. (batteries to be purchased)

1. Install batteries carefully.  
 2. Do not mix old and new batteries.   
 3. Do not mix different types of batteries.

**Battery-Helicopter**


1. Put the adapter into the DC output charging case input socket, the box of the balance charger will lights green.
2. Put balance of power plug in the battery charging case ,the light will be turn red on the box. When the red light into green light,it is finish charging. (Note: If the battery into the charging case, the lights did not change, this indicates that the battery is fully charged, do not need to charge)

- Helicopter is equipped with a Li-Poly battery, please also pay attention to the following cautions or safety use.

- Do not use or leave the battery near a heat source such as fire or heater. Otherwise it will cause damage or explode.
- Do not use the battery slam or beating hard surface.
- Do not immerse the battery in water, and keep the battery in a cool dry place.
- Charger included with the product can only be used for the product charge.
- Do not disassemble the battery.
- Never leave the battery unattended during charging.

**charging time: 2.5—3hours**  
**flying time: about 5—8 minutes**

**Ready to fly**

1. Please recheck the ground, keep away from the crowds, animals and other barriers.
2. Turn the remote control on, after a while, the LEDs will be flashing. Push the motive handle must be pushed to the maximum control route of travel first, then adjust it to the lowest; When the remote control LEDs keep lighting, it means the helicopter is going to fly.
3. Move Power Swithch on the helicopter the the "ON"position, after that, the power indicator will light up; Place the helicopter on the ground for some seconds,then the helicopter is going to fly.
4. Push the motive handle slowly, then the helicopter will fly up.

**Low volatage protection**

Low volatage protection: When the helicopter power is weak, helicopter control system will protect the battery and the power supply to the helicopter blades will be stopped.  
 After low volatage protection, it can fly again if the helicopter charged.

**Helicopter control ways**


Push the rudder stick toward left to turn counter clockwise.



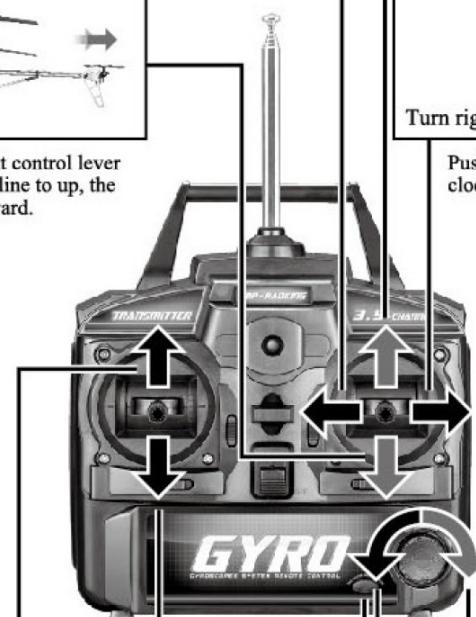
When you push up the right control lever (steering rudder), the nose incline to down, the helicopter is moving to forward.



When you push down the right control lever (steering rudder), the nose incline to up, the helicopter is moving to backward.



Push the rudder stick toward right to turn clockwise.



When the helicopter flying stability, you can slowly push the throttle stick up to make helicopter fly higher.

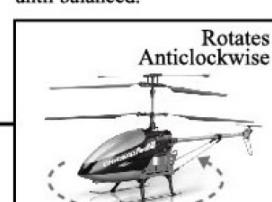


When the helicopter tail presents the clockwise rotation, you may the counterclockwise rotation you in the hand the remote control vernier adjustment knob until balanced.


**Toggle button**

The helicopter has two flight modes, for beginner and for Master-hand:

1. Beginner mode (Factory default state)
2. Master-hand mode (Once press the switch which is on the right bottom of the remote control, then the helicopter will change into the Master-hand mode.)



When the helicopter tail presents the counterclockwise rotation, you may the clockwise rotation you in the hand the remote control vernier adjustment knob until balanced.  
**The tail fin aim at the operator.**



When the helicopter flying stability, you can release the stick a bit to make helicopter fly lower.  
**Only small amounts of stick position change are required for smooth flying.**

### Maintenance

1. Cleaning the helicopter with clean and soft cloth.
2. Don't put the helicopter under the direct sun or strong lighting
3. Don't soak the toys in the water, or the electronic parts will be destructed.
4. Check the plug and other spare parts at a scheduled time, if find some parts broken, please stop using till the product in good condition.

### Maintenance program

Problem	Cause	Check this
No reaction from the helicopter	1. Not enough power for the helicopter. 2. Not enough power for the controller. 3. The channel was different from helicopter and the controller. 4. The gyro of the helicopter can't find out the right point.	1. Should be charging for the helicopter. 2. Change new batteries instead. 3. Make sure the same channel from helicopter and the controller. 4. Move the helicopter onto the flat ground, when the gyro receive the signal, then open the controller.
Not reaction from the helicopter when was fly	1. By sunlight or intense light irradiation effects. 2. Have the same frequency remote control transmitter.	1. Move the helicopter onto without sunlight or intense light. 2. Not the same for a launch interference.

### Spare parts list

Order by item number from local distributors.

