

The aircraft is marketed as a "toy drone" intended for children's entertainment use. It must not be used for any other purpose that could compromise U.S. national security.

Suitable to the children above 14 years old

2.4GHz 6CH REMOTE CONTROL

REMOTE CONTROL AIRCRAFT

3.5 CHANNEL FM NIGHT VERSION

VL1

Operating Instruction



*Please read the specification carefully before flying and safety keep it!

Notices

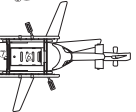
- This product is one type high speed running aircraft, if unsuitable to use it then will easily caused damage to the around people or property, so, the user must far away the people of property during use, if caused unexpected hurt, this factory, distributors and retailers not responsible to compensation and any legal responsibilities.
- To make you and your children able to guarantee safety at the same time of playing, please you and your children read this specification together first.
- Don't pick the motion keys, avoid to hurt it.
- Make hands, hair or other loosen cloth keep a certain distance with the rotating impellers.
- Please play it under that accompany with adult for safety of children.
- (Self) change or modify this product under the situation that no authorization, then it will damage your rights which relate to this product)

Product configuration

Helicopter	Remote Control	USB Charging Cable
Reserve Blade	Machine Body Battery	Manual
Screw Driver	Tail Blade	

1

Aircraft components instruction



- ① Balance rod
- ② A-Blade
- ③ B-Blade
- ④ Tail Blade
- ⑤ Tripod
- ⑥ Battery (Backward push then can pick it out)
- ⑦ Power Switch
- ⑧ LED Light

2

Machine body battery charging



1. Please close machine body power supply first then pull out battery before charging.
2. Connect the battery and USB charging wire first then insert into USB interface for charging.
3. When charging, the battery panel indicator light is on, and when fully charged, the light is off.
4. Helicopter head lamp slowly flashing under lower power.
5. Charging time is 60 minutes.

⚠ ATTENTION

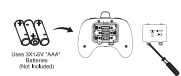
1. Never charge immediately when battery still heat after used the products, please waiting 10-15 minutes to make battery cooled.
2. Please use the original factory configured special charging wire to charge, strictly forbid to use the damage or other brands charger.
3. If the battery happen leakage, please avoid the liquid touch skin and eyes. If touch the skin then please use soap and fresh water to wash. If touch the eyes then please use large quantity cool water for washing immediately and see doctor.
4. If the charger send out abnormal smell, noise or fog, please plug off the power supply immediately.
5. Please don't charge the expansion, leakage or damage battery.
6. Please don't over charge the battery, plug out the charger in time after battery fully charged.
7. Please don't charge at the place where close to inflammable matters (blanket, wood/foam, wood furniture and others) or electric conduct objects surface, please keep the battery within usual range when charging.
8. Charging temperature of battery should be among 0-40°C.

⚠ RECOVERY

This equipment formed with electric elements and battery. About the electric garbage, please process the special treatment according to local garbage treatment requirements.

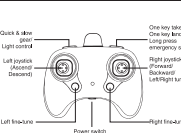
3

Installation instruction of remote control



1. Pick down battery cover.
 2. Install 3 X 1.5V "AAA" battery, install according to correct polarity.
 3. Cover the battery cover.
- Attention: please pick out the battery when long time not use the product.

Function instruction of remote control



4

Operating method

1. Decoding Firstly, please switch on the power at the bottom of the helicopter and the nose lights will flash. Switch on the transmitter again and then push the throttle lever up and down. When you hear two beeping sound, the nose light will remain eternal bright "ON" to indicate successfully decoded.



2. One key take-off/One key landing Short press one key take-off, helicopter will fly to about 1m and keep suspending status, short time press one key landing again.



3. Quick & slow gear/Light control Short press to process: Low speed-high speed, gear adjustment. Long press to control head lamp open and close.

5

4. Ascend/Descend

Left joystick upward push, helicopter rising. Left joystick downward push, helicopter reducing.



5. Forward/Backward

Right joystick upward push, helicopter forward, right joystick downward push, helicopter backward.



6. Left turn/Right turn

Right joystick leftward push, helicopter leftward revolving. right joystick rightward push, helicopter rightward revolving.



6

7. Left line-tune

Able to short press left line-tune key to make helicopter leftward direction adjust when helicopter rightward deviation.



8. Right line-tune

Able to short press right line-tune key to make helicopter rightward direction adjust when helicopter leftward deviation.



Common check and repair methods

Problem	Cause	Solve method
Impeller not rotating	1. Not start power supply 2. No enough power	1. Check whether power supply of remote control and helicopter power supply start. 2. Charge the helicopter or renewal remote control battery
Helicopter suddenly stop and falling when flying	No enough power	Charge the helicopter again
Unable to operate helicopter	1. Too far remote control distance within 50m. 2. Affected by air force	1. Control the remote control distance within 50m. 2. Never flying in the strong air weather.
Unable to pointing frequency	No enough power	Charge the helicopter or renewal remote control battery

7

Notices

1. Remote control need be more close remote control distance when no enough power of remote or helicopter.
2. If no enough power of helicopter then will occur that no enough flying height or difficult to fly, now stop flying, avoid battery damaged.
3. Please charge first and close the power supply switch then storage when long time not use it.
4. Please repair in time when the helicopter occur that damage, deformation, if involve wing broken and damage then never flying, otherwise, it will caused hurt.
5. Please pick out the battery of remote when long time not use it, avoid battery leakage or battery other failure caused this product damage.
6. Never make the helicopter taken from high space or seriously impacted, this will damage the helicopter or shorten working life of helicopter.
7. The helicopter adopt 2.4G frequency band remote controller operation, please make ensure that fully charged when using.
8. Don't make any one assembly with power damping, avoid it occur other failure.
9. Make ensure that start remote controller power supply before flying and close the power supply of remote after filed.

⚠ Warning

Please keep safe distance with high speed revolving impellers, avoid it happen test hurt and cutting hurt danger. Motor position is heating components, please don't touch it, avoid it happen solid danger.

To guarantee the requirements of electromagnetic environment of aviation wireless radio (station), forbid to use various types model remote controller in the area where make the airport runway center point and radius 5000m. Should stop use the model remote controller during the nation relate department issue the radio control orders, within the area.



8

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.
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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.
RF warning for Portable device:
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

9