

DIGITAL PROPORTIONAL R/C COAXIAL HELICOPTER MODEL

2.4 GHz R/C HELICOPTER USING INSTRUCTION

For the 2.4G RC mode, the flying distance is further: up to 150m.
Besides, multiple aircrafts can be operated at the same time.



Ultra-strong crush-resistant craft material.
New model LED controlling system.
Intelligentized R/C system.
360° exact directional.
Smooth hang performance.
Newly designed electric saving function.

Thank you for purchasing our product. In order to use it correctly and make sure safety, please read the instruction book carefully before using. Please well keep it for your further reference.

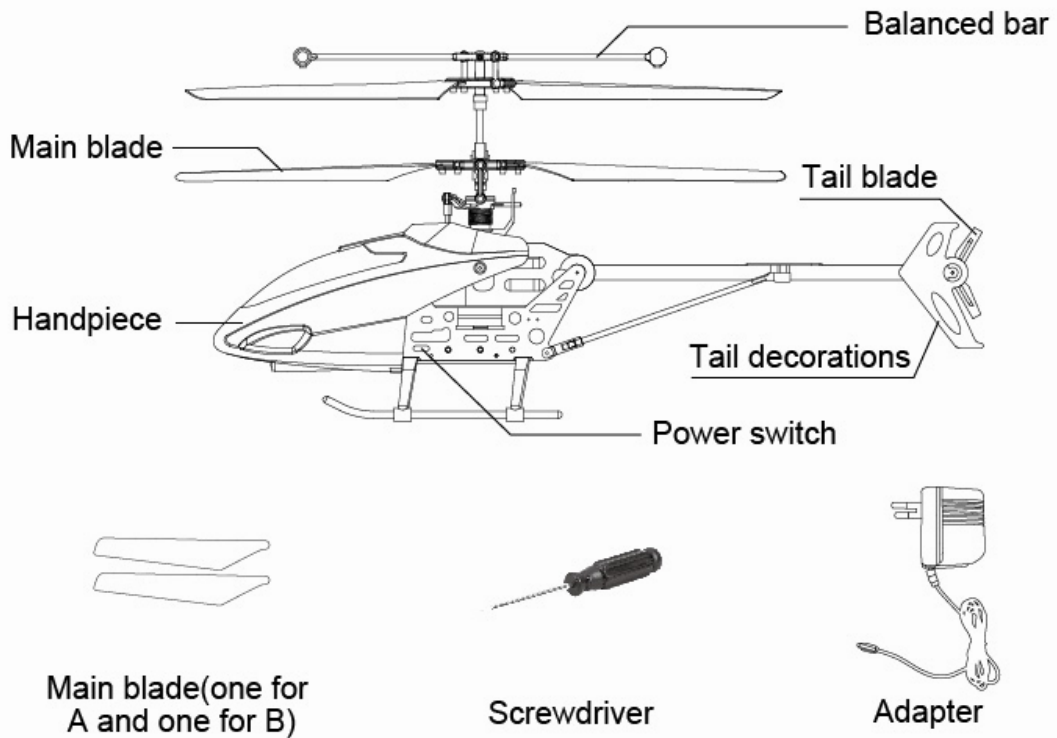
Cautions:

1. Any electric component should not be moistened to avoid any other breakdown.
2. If the helicopter is smeared, please do not use any cleanser to clean it as other cleansers will damage the plastic and the synthesis part.
3. Please do not let the helicopter fly away your eye scope during flying.
4. Do not let the children play this helicopter alone.

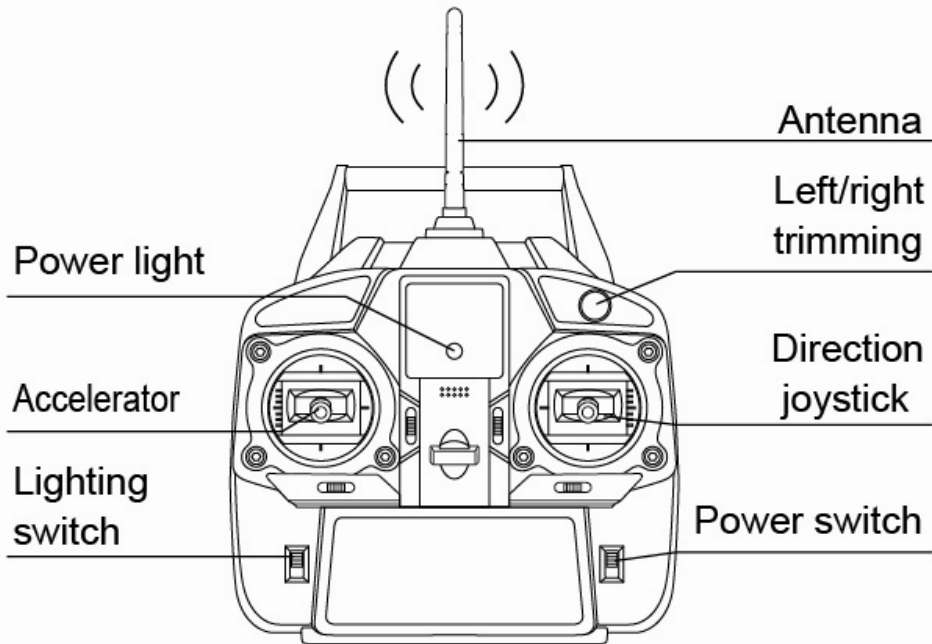
Technical parameter

Technical parameter
Length: 470 mm
Width: 94 mm
Height: 210mm
Total weight: 260g
Motor: 131 2PCS
Battery: 3.7V 1300mAh lithium battery
Charging time: 160-180 minutes
Flying time: 5-7 minutes

The name of the included parts



Function specification of remote control

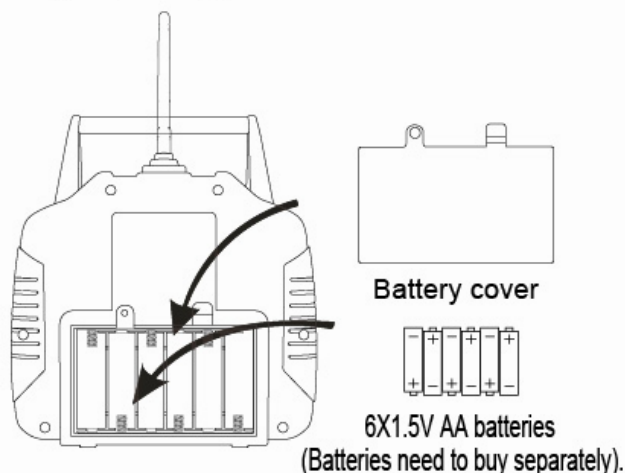


Assembling of the transmitter

The battery installation of remote controller: Open the battery cover on the back of the transmitter and correctly load 6 pcs AA alkaline batteries as per the polarity indicated. (Batteries need to buy separately).

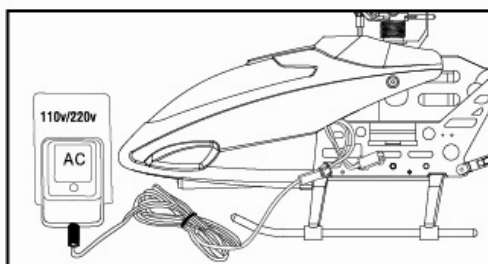
Cautions:

1. Make sure the polarity of the battery and battery box should be correct and can't be loaded upside down.
2. Please do not mix using the old batteries with the new ones.
3. Please do not mix using batteries with different types.

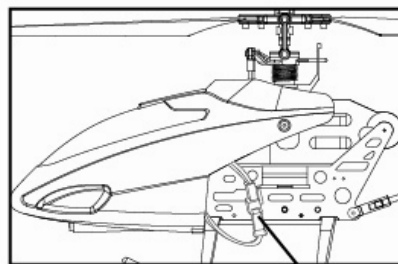


The charging instructions of dynamic battery

1. Insert the balance charger into the power socket (AC100V-240V), the indicator light on the charger is green.
2. Pull out the power socket of the helicopter, and then insert the battery charging plug into the balance charger's socket (the battery polarity should correspond with the charger polarity, can not connect inversely). When the battery power is insufficient, the indicator light on the charger is red and it starts to charge; when the battery is fully charged, the indicator light on the charger turns green. The charging time is 160-180 minutes.



When it is charging, the indicator light on the balance charger is red; when it completes, the light turns green.



When the charging completes, please disconnect the balance charger and battery, and then connect the power plug of receiving plate and the helicopter socket.

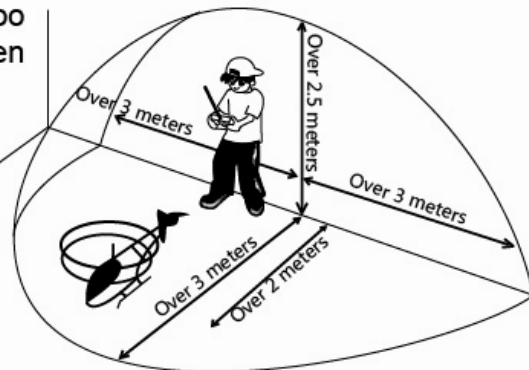
- The product internally installs rechargeable batteries, please pay attention to the following security matters.
- Do not put the rechargeable batteries in the place of high temperature, such as fire, electric heating device, or it may cause damage and explode.
- Do not strike the batteries and hit the hard surface.
- Do not put the batteries into the water, the batteries should be kept in a dry place.
- Please use the charger we provide to charge.
- Do not decompose the batteries.
- When the battery is charging, do not leave your children alone and the children should operate under the adults' supervision.

Cautions:

- Please pull out the power plug to avoid excessive discharging of the battery. If the connector is kept connecting, it may cause discharging due to excessive charging and electric consuming for a long time.
- The adapter should be suitable to your local voltage.

Flying condition before taking off

1. Flying in warm, sunny and non-windy condition.
 - ① Please do not fly under the condition of too hot or too cold. Otherwise it may affect the flying effect or cause damage to the flying model.
 - ② Please do not fly in strong wind as too strong wind will limit your flying or even hinder your flying control. If it is flied under strong wind, your helicopter may be blown away and disappeared or even damaged.
2. Choose to fly in spacious indoor environment and make sure there is no obstacle, pet or people nearby.



Preparation for taking off

1. Steadily place the helicopter on the level ground (not on the hand). Insert the power plug into the fuselage socket and the red LED light on the receiving board glisters.
2. Make sure you are in the place at least 2 meters behind the helicopter. (Tail wing should be pointed to yourself).
3. Re-inspect the location and make sure it is far away from the people, the animal or any other obstacles.
4. Turn on the power switch, the power indicator will be on the state of glittering. This time push the accelerating lever to the toppest and then pull it back to the lowest. Only when the power indicator shows eternal bright can you use it. This time the transmitter can be used normally and you can prepare to take off.


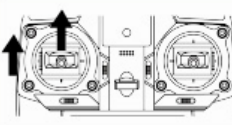
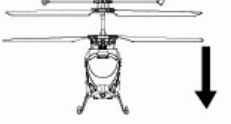
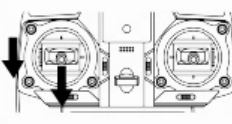

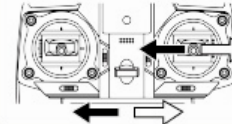
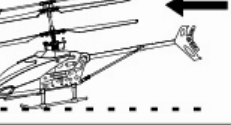
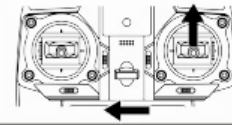
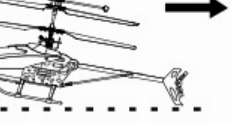
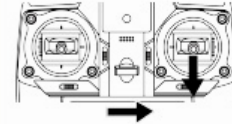

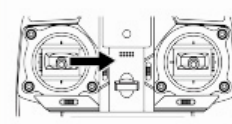
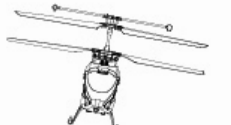
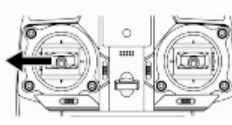
Cautions:

If the indicator of the transmitter is on the state of glittering ,it shows that electricity is not enough and this time you need to replace the battery in the transmitter.

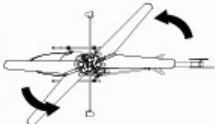
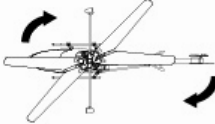
Manipulating method

Tips:

The new learners should speed up the accelerator slowly. The suggestive best controlling height is in the area of head-up and visual.

<p>Ascend</p>	<p>Push the left joystick (accelerator) upward, the turning speed of main rotor becomes faster and the helicopter ascend.</p>		
<p>Descend</p>	<p>Push the left joystick (accelerator) downward, the turning speed of main rotor becomes slower and the helicopter goes downward.</p>		
<p>swerve</p>	<p>Push the joystick (swerving rudder) toward the left and the helicopter head turn to left. Push the joystick (steering rudder) toward the right and the helicopter head turn to right.</p>		
<p>Forward</p>	<p>Push the right joystick (swerving rudder) upwardly, the helicopter head goes downward and the helicopter moves forward</p>		
<p>Backward</p>	<p>Push the right joystick (swerving rudder) downwardly, the helicopter head goes upward and the helicopter moves backward.</p>		
<p>Right sideways fly</p>	<p>Push the joystick (swerving rudder) toward the right and the helicopter siding fly toward the right.</p>		
<p>Left sideways fly</p>	<p>Push the joystick (swerving rudder) toward the left and the helicopter siding fly toward the left.</p>		

Helicopter's trimming

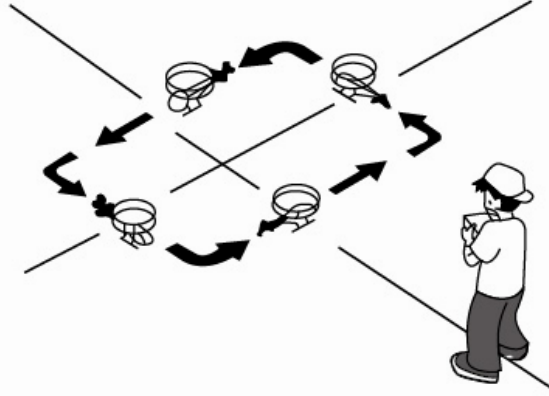
<p>When the helicopter head revolves anticlockwise, please turn the trimming button clockwise till it stops revolving.</p>	
<p>When the helicopter head revolves clockwise, please turn the trimming button anticlockwise till it stops revolving.</p>	

Flying practise

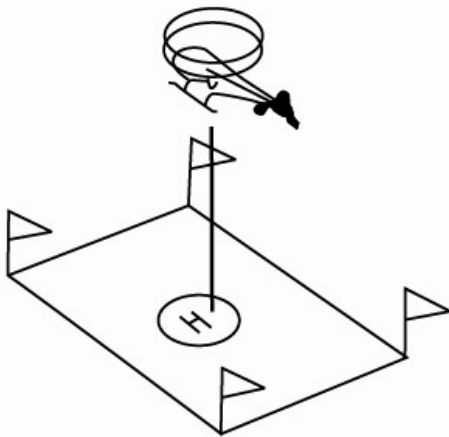
After quite a lot of training, please try to fly by your own.



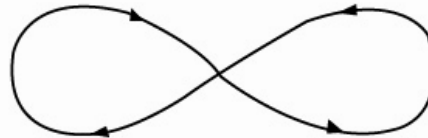
Fixed-point revolving
(direction revolving)



Keep flying forward –turn right—forward--turn left,
try to fly in a square pattern and practise again and
again and then fly into a circle little by little.



Land in the designated
location (spot landing)



(Figure eight flying)

Problem shooting

Problem	Reason	Problem shooting
No power with the transmitter	1. Pull to the "OFF" position on the ON/OFF button.	1. Pull to the "ON" position on the ON/OFF button.
	2. Do not correctly load the batteries as per the correct polarity shown..	2. Check and make sure the batteries are correctly loaded as per the polarity shown in the battery box.
	3. The battery is exhausted.	3. Replace with the new battery
Can not control	1. Transmitter is not opened.	1. Pull to "ON" position on the ON/OFF button of the transmitter.
	2. The ON/OFF button of the helicopter is on the "OFF" position.	2. Pull to "ON" position on the ON/OFF button of the helicopter.
	3. Do not wrench tight the antenna or the antenna can't be completely extended.	3. Make sure the silver antenna is wrenched into the transmitter and extended completely.
	4. Too strong wind force	4. Do not fly under the environment of windy as too strong wind may cause flying limitation to the helicopter or it may hamper your controlling or flying.
The helicopter cannot ascend.	1. The rotating speed of the rotator is too slow.	1. Push the power controlling lever upward.
	2. the helicopter is not fully charged.	2. Charge the helicopter till full.
The helicopter lands too quickly.	You pull the power controlling lever back too quickly.	Slowly pull the power controlling lever back and let the helicopter land slowly.
The signal will break off when flying	Led of remote control will glitter when the batteries have not electric quantity.	Replace with the new battery

CAUTION

1. The remote controlled distance will shorten when the electricity quantity is not full.
2. When the helicopter electricity quantity is not full, it will become difficult to fly or the fly height will be not enough.
3. If the helicopter is damaged, please repair it in time. If the rotor is damaged or broken, do not play it, otherwise, it will be damaged.
4. 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.
5. Don't drop the helicopter from high position or crash it seriously, because that will damage it seriously or shorten the using time.
6. This product contains many kinds of alloy parts, please pay more attention when operating the helicopter.

Warning

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.

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.

Accessories figure



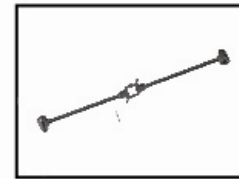
001
Handpiece A



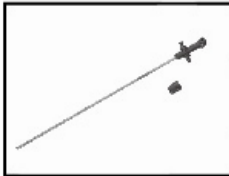
002
Handpiece B



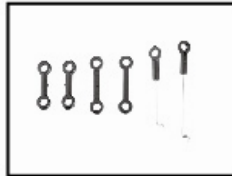
003
Main blade



004
Balanced bar



005
Main shaft



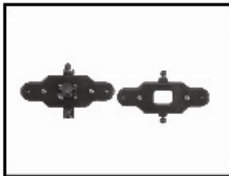
006
Connect buckle set



007
Undercarriage



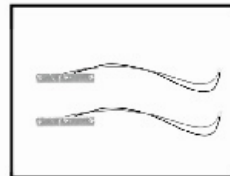
008
Main motor



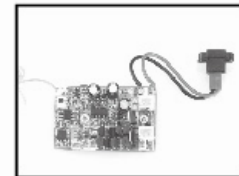
009
Blade casting die



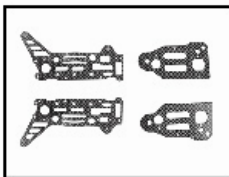
010
Gear set



011
Side light subassembly



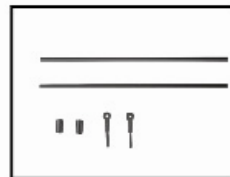
012
Receiving plate



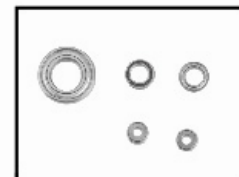
013
Main frame
aluminum sheet



014
Swashplate



015
Tail support pipe



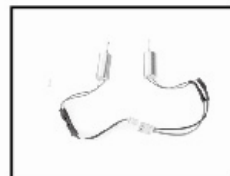
016
Bearing set



017
Tail assembly



018
Screw set



019
Tail motor



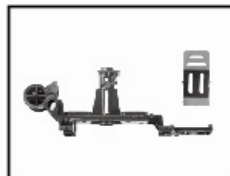
020
Li-ion batteries



021
Spring



022
Steering engine unit



023
Main frame



024
Handpiece
built-in fitment