



R/C HELICOPTER MANUAL -RADIO UPGRADE EDITION

WARNING:
CHOKING HAZARD-small parts
not for children under 14 year.

- Don't touch the running propeller
- Don't play above someone's head!
- Adult supervision is required!

1.R/C Helicopter introduction

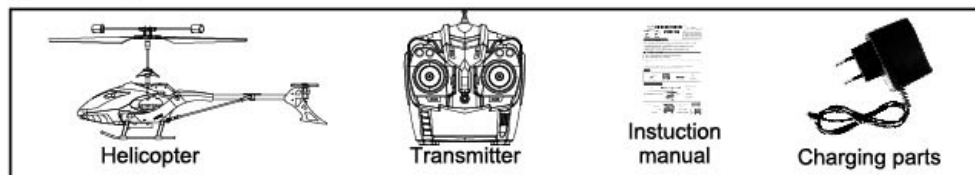
Thank you for your purchase of our product. In order to fly your helicopter more easily and conveniently, we kindly recommend you to read carefully the whole user handbook and keep it in a safe way as a reference book for maintenance and adjustment in the future.

- 1.This high-performance product can configured with lock tail gyro(Purchase Selection) to make the flight more stable, the operation more convenient.
2. The double propellers helicopter is adopted with coaxial and reversing structure.
3. This high-performance product configured with the 3.7V high-energy Lithium polymer battery .
4. The transmitter need to use 6x1.5AA batteries.

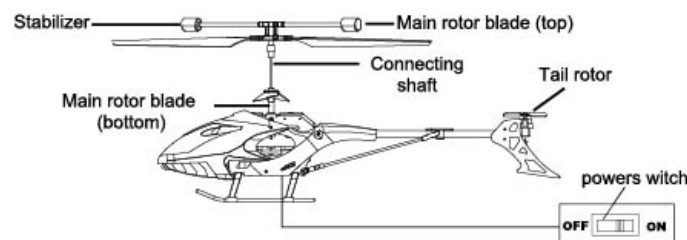
2. Notice

- Please follow the manual's instructions to operate it.
- Please read through the manual before using.
- Please keep away the small parts of the product form the children for security.
- Never leave the battery unattended during charging, to avoid the battery overheat and result in serious danger.
- Please turn off the power supply of the helicopter and the remote control after the operation is completed to avoid battery damage.
- Never throw Lithium batteries into the fire to avoid unexpected danger.
- Never touch the rotating propellers with any parts of your body while operating.
- Never try to refit the circuit by yourself to avoid causing accidental danger.

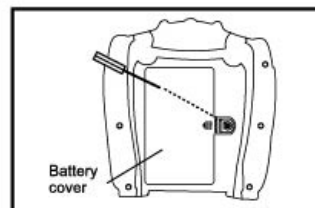
3. Parts



4. Parts identification



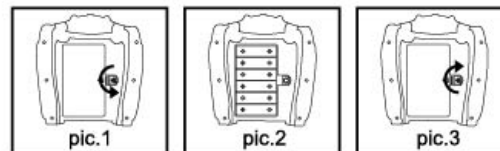
Transmitter



5. Battery installation & charging

Battery Installation:Transmitter

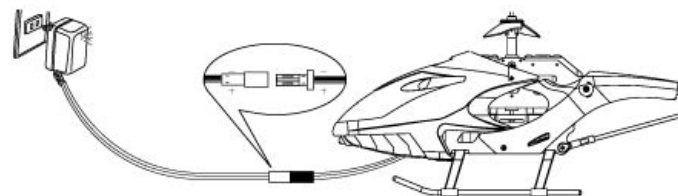
1. Use a screwdriver to loosen screws on the battery case in anti-clockwise.(pic.1)
2. Put 6 AA size batteries in the battery compartment as per the polarity shown inside.(pic.2)
3. Close the battery cover and tighten the screw in clockwise.(pic.3)



Note: Batteries should be inserted with the correct polarity.

6. Instructions of charging

Put charger into the socket, charger Indicator will turn green . Turn off the power supply and pull out the charging line , Insert the charging plug into the charging line Socket. When the charger is charging ,the indicator will turn red; When the charging is completed, the charger indicator will turn green.



7. Get ready for taking off

1. Set helicopter on a horizontal flat surface, and turn on the helicopter power.
(Keep still for 5 seconds before the operation)
2. Ensure that you keep away from the back of the helicopter at lease 2 meters.
3. Recheck the area to make sure it is far away from crowd, animal and other obstacles.
4. Turn on the transmitter power switch; Pull the throttle to top,and then pull back the throttle to the lowest position, after that the flashing indicator becomes continuously red without flashing.
5. If the red indicator Slow flashing after the above steps, it shows that the battery is short of power, please replace the battery.



8. Environment for flight:

Please choose to fly indoors or outdoors and be sure there are no people, animals or obstacles around.

- Note:**
- ① Please make sure a proper place before fly.
 - ② Do not make the helicopter fly out of sight when flying.
 - ③ Children must be guided by adult to fly the helicopter.
 - ④ Be sure that there is nobody using the same frequency ,while you are operating do at the same time in the same place.
 - ⑤ Electric fans and air-condition cannot blow straight to the helicopter.
(strong winds not suitable for flying also.)

9. Control the flight

Control radius: The control radius of the R/C helicopter is about 30 meters. Please don't overstep this control range, otherwise the helicopter could be out of control.

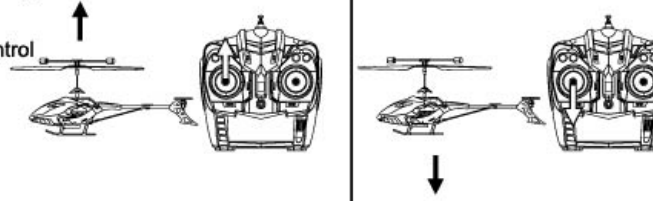
Warning: Don't fly in strong wind. Flying in strong wind may cause your helicopter fly out of controlling range and you will be unable to control it.

Flying time: If the flying time drops to less than one minute, please recharge the batteries.

10. Control methods

Ascending Descending

When you push upward (downward) the power control lever (throttle) on the left, the helicopter begins to ascend (descend).



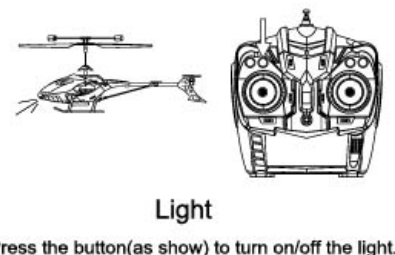
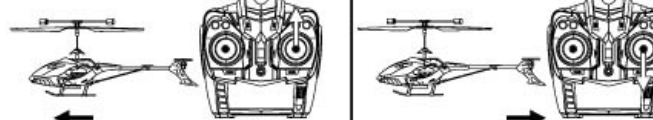
Turning left Turning right

When you push leftward (rightward) the control lever (rudder)on the right, the nose of the helicopter turns to left (right).

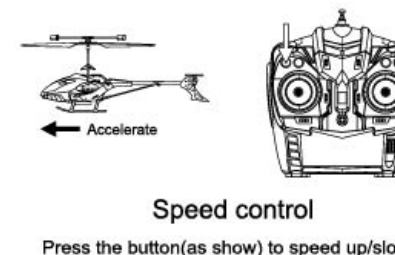


Moving forward Moving backward

When you push upward (downward) the control lever, the helicopter moves forward (backward).



Light
Press the button(as show) to turn on/off the light.



Speed control
Press the button(as show) to speed up/slow.

11. Adjusting

If the helicopter revolves incessantly in the sky without any operation, you can slightly adjust the rudder to control it.

If the helicopter revolves clockwise incessantly, slightly turn the rudder leftward until the helicopter returns to the normal flight.			
If the helicopter revolves anti-clockwise incessantly, slightly turn the rudder rightward until the helicopter returns to the normal flight.			

12. Cautions

1. When the batteries runs low, the control distance will be reduced.
2. The biggest control radius of the helicopter is 30 meters. Please use it within an area of 30 meters, otherwise the helicopter can be out of control when it oversteps this area.
3. Flying quality will be affected if weak dry batteries are used.
4. If the helicopter is damaged or distorted, please repair it in time. Do not fly when the helicopter is serious damaged or broken, otherwise it will cause injured.
5. Please remove all the batteries from the transmitter if you do not use the helicopter for a long time. The helicopter should be recharged regularly (once a month), so that the batteries won't spoil the product.
6. Do not make the helicopter crash or seriously strike, this may damage the helicopter or reduce normal using life-span.

Trouble shooting

Symptom	Cause	Solution
Propeller can't move	* ON/OFF Switch is OFF * Weak battery	*Set switch to ON *Re-charge the battery pack
Suddenly stop and drop down when flying	* Weak power	*Re-charge the battery pack
The helicopter does not react Lose the control	* The environment on the strong signal interference	To choose the high tension line around the tower no confirmation or other high frequency equipment
	No tight control antenna or antenna not completely elongation	Confirm the antenna on the remote control or antenna completely elongation

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.

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.