



For Ages 14+

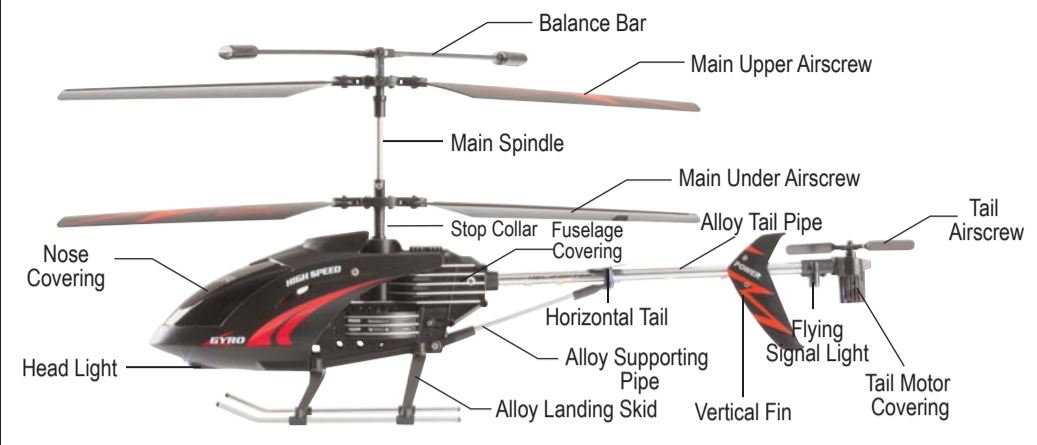
# Double Blade 3 Channel Armoured Helicopter



## User Manual

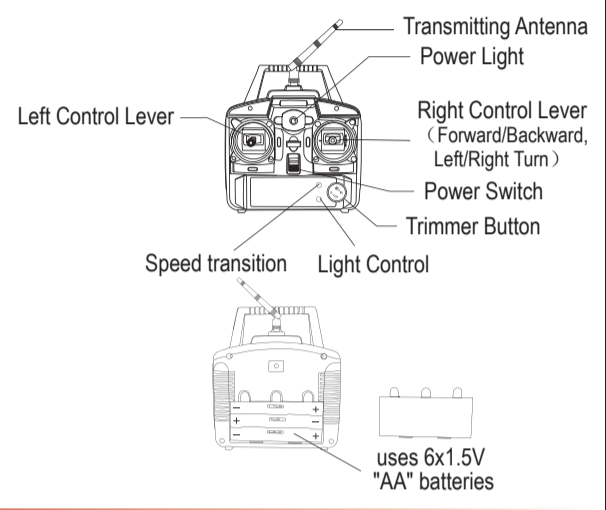
Please read the user manual carefully before using this product.

### ★ Helicopter Diagram



### ★ Remote Control Installation

Installing the batteries: Open the battery cover of the controller. Insert 6 pieces of 1.5V AA batteries by the polarity indicator, then lock the battery cover correctly.



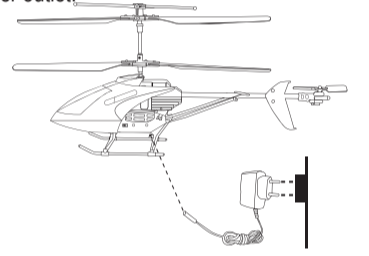
- ⚠ Caution**
- 1 Please ensure the polarity is correct before turning on.
  - 2 Please do not use mixed types of batteries.
  - 3 Do not use new and used batteries in the controller.

### ★ Charging Instructions

1 Turn off the power switch of the helicopter, connect the adaptor cable to the charging slot of helicopter, then plug the adaptor into a mains power outlet.

2 After plugging in the power supply, the indicator light of the adaptor will remain red while charging. After charging for about 120-150 minutes, the indicator light will turn green which means the charging is complete.

Please pull out the power adaptor after charging has finished.

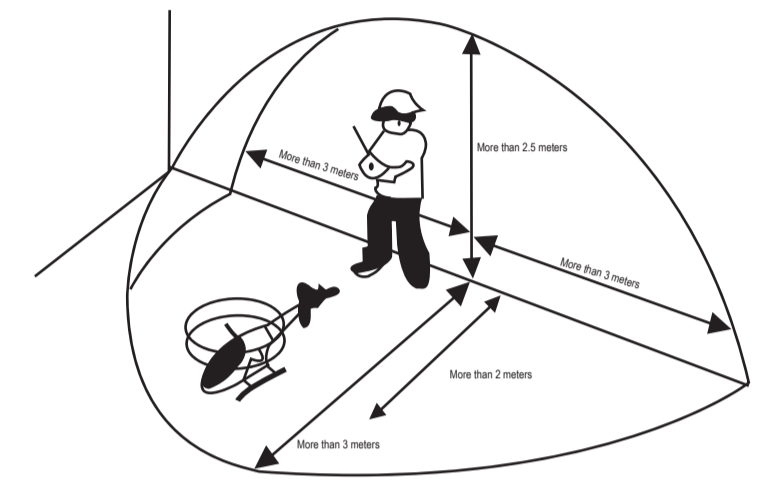


- ⚠ Caution**
- 1 Assume that the voltage and plug of the adaptor accord with local standards.
  - 2 Please do not charging immediately after flying. In order to avoid damaging the battery, it should be charged after sitting for 20 minutes.
  - 3 Do not charge without supervision. Please pull out the power adaptor after charging has finished, otherwise it may cause damage or explosion.
  - 4 Do not soak the battery into water or amend the battery to avoid the danger of explosion. Do not join battery to battery or connect the positive and negative terminals of the battery with a conductor, in order to avoid explosion hazard of short circuit.

### ★ Flying Environment

- 1 Fly the helicopter in a warm, sunny and windless day.
- 2 Be sure to fly the helicopter in a spacious indoor or open outdoor place and keep away from obstacles to avoid damage.

- ⚠ Caution**
- 1 Do not fly in the bad weather conditions of overheating, undercooling, strong breeze, thunder or rain.
  - 2 Please keep away from obstacles which may damage the helicopter.
  - 3 Not suitable for children under 14 years old to operate.



### ★ Operation

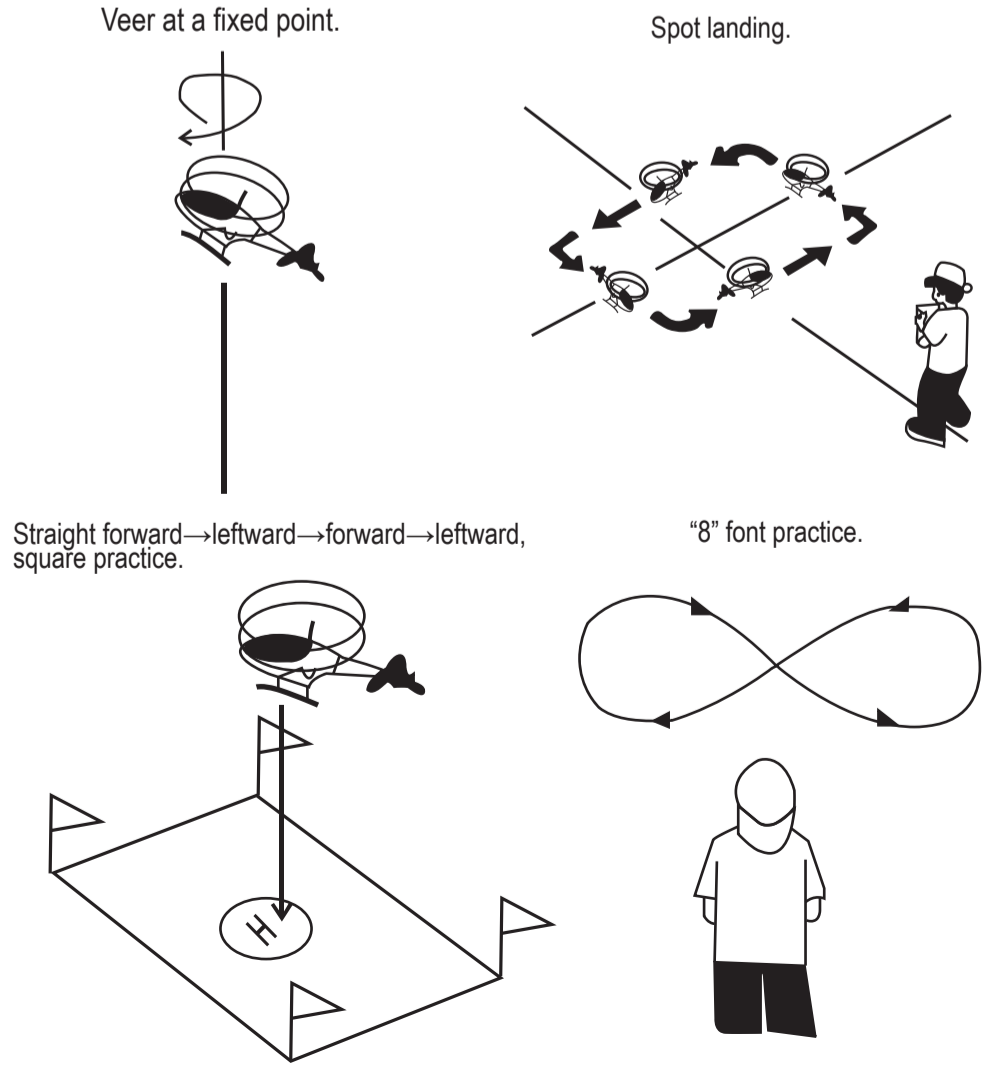
- 1 Push the "ON/OFF" switch of the helicopter and the remote control to the "OFF" position and pull up the antenna completely. Pull down the left control lever to bottom.
- 2 Push "ON/OFF" switch of the remote controller to "ON" position, the indicator light will start flashing.
- 3 Push "ON/OFF" key of the helicopter to "ON" position, place the helicopter on a hard object or on the ground, keep away from obstacles to avoid injury caused by the high speed rotors.
- 4 You should keep at least 2 metres away from the helicopter.

### ★ Flying Operation

1 Signal pairing	Firstly, push ON/OFF key of helicopter to "ON" position, and push the remote control switch according to the direction of arrow, then Push up the left control lever to top and immediately push down to bottom. While the indicator light of remote control stays lit, it means the signal is normal and can operate normally.	
2 Lift	Push the left control lever up slowly, the helicopter will fly up.	
3 Down	Push the left control lever down slowly, the helicopter will descend.	
4 Left Turn	Push the right control lever towards left, the helicopter will turn left.	
5 Right Turn	Push the right control lever towards right, the helicopter will turn right.	
6 Forward	Push the right control lever upwards, the helicopter will go forward.	
7 Backward	Push down the right control lever, the helicopter will fly backwards.	
8 Hovering	When the left control lever sets in the middle position, the helicopter will fly in a stable position. Stop controlling the levers, adjust the trimmer button can keep the helicopter hovering.	
9 Adjust	Without pushing the control levers, the helicopter will keep rotating. The trimmer button can adjust the flight. If the nose of helicopter rotates towards left, push the trimmer button clockwise to adjust. Conversely, push the trimmer button anticlockwise.	
10 Speed Mode	After pairing the helicopter, it is flying in low speed condition. The head LED light will flash. Press the speed transition key, fast speed mode will start, flying speed up and the head lights keep on. Press again, the fast speed mode converts to low speed mode.	
11 Lighting control	When flying signal is normal, the LED lights will flash. Press the Light Switch, lights turn off. Press again, lights will flash	

- ⚠ Caution**
- 1 Before flying, turn on the power switch of remote control first, then turn on the power switch of the helicopter. After finishing flying, turn off the helicopter power switch first then turn off the power switch of the remote control.
  - 2 When low battery of remote controller or helicopter, the remote control distance will be affected. If the indicator light of remote controller keeps flashing, the battery is low and change new batteries. If the helicopter can not fly high or hard to take off, it means the helicopter is in low battery. Please push "ON/OFF" key of helicopter to "OFF" position and charge the helicopter.
  - 3 Please charge the helicopter full while not using in a long time. Push "ON/OFF" key of power supply to "OFF" position and take out of batteries from the remote controller.
  - 4 When helicopter bumps into obstacles, pull back the control lever of remote controller to the original state.
  - 5 This product can be controlled to fly within a range of 30 metres line of sight.
  - 6 Stop flying the helicopter if it is damaged.

### ★ Flight Diagram



### ★ Troubleshooting

Problems	Causes	Solutions
No response or remote controller light turned off	1 Power switch was on "OFF" position	1 Push power switch to "ON" position
	2 Batteries are not installed properly.	2 Install battery or replace battery correctly.
	3 Low battery or without installing batteries	3 Replace with new battery
Out of control	1 Power switch of remote controller is on "OFF" position	1 Push power switch of controller to "ON" position
	2 Power switch of helicopter is on "OFF" position	2 Push power switch of helicopter to "ON" position
	3 The antenna doesn't connect or not extend completely	3 Connect the antenna correctly or extend the antenna completely
	4 Wind force is too strong	4 Do not fly in strong wind
Can not fly high	1 The propeller rotated too slowly	1 Push up the left control lever
Ascending quickly	Left control lever is pushed up too sharply	Push slowly to a needed height
Landing quickly	Left control lever is pulled back too sharply	Slowly pull back and the helicopter lands slowly.
Deviate flight	The improper operation of the right control lever	Refer to "Flying operation" procedure to adjust flying
Helicopter is jammed and can not turn	Setting the Jammed protection function	Pull back the left control lever, then push it up again

### ★ Specifications

- 1 Body length: 38cm
- 2 Body width: 7.2cm
- 3 Body height: 19.6cm
- 4 Rotating diameter of main airscrew 34cm
- 5 Fuselage weight: 235g
- 6 Control radius: up to 30 metres line of sight
- 7 Flight time: up to 6 minutes
- 8 Charging time: 120-150 minutes

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