

AGES 8+

# R/C HELICOPTER INSTRUCTIONS

DIGITAL PROPORTIONAL R/C COAXIAL HELICOPTER MODEL

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.


New model LED controlling system  
Intelligentized R/C system.  
360 exact directional.  
Smooth hagn performance.  
Newly designed electricity saving function.

CAUTIONS

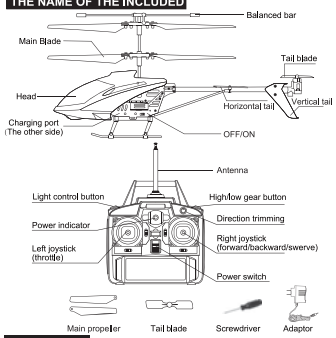
1. Not a toy.  
2. Do not get wet.  
3. Retain Helicopter in sight while flying.

TECHNICAL PARAMETERS

Model:SG-H8501  
Brand:Spacegate  
FCC ID:230WCECANRC  
Length: 365 mm  
Width: 70 mm  
Height: 195 mm  
Weight: 221 g  
Motor: 130



THE NAME OF THE INCLUDED



Balanced bar  
Main Blade  
Tail blade  
Horizontal tail  
Vertical tail  
Head  
Charging port (The other side)  
OFF/ON  
Antenna  
Light control button  
Highlow gear button  
Direction trimming  
Right joystick (forward/backward/swerve)  
Power switch  
Left joystick (throttle)  
Main propeller  
Tail blade  
Screwdriver  
Adaptor

SAFETY RULE

1. Please read the instruction manual carefully before operating, and fly according to the manual.

2. Please place the spare parts of the helicopter beyond the reach of children to prevent any accident.

3. Please do not place the helicopter and battery in high-temperature or heated place, such as near the fire or any other electrothermal devices.

4. Please keep a distance 1 or 2 meters away from others when you operate the helicopter.


5. Do not disconnect or rell the product optionally, or it may cause the product's dysfunction and danger.

6. Children should fly under the guidance of adults.

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BATTERIES LOADING IN THE TRANSMITTER

1. How to install batteries: open the battery lid at the back of remote controller correctly put 4\*AA alkaline batteries into the battery compartment; close the battery lid. (Shown as in the figure)

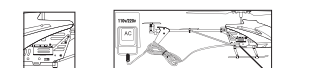


Picture 2

1. Make sure the polarity of the battery and battery box should be correct and insert the battery correctly. 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

Close the power switch of the helicopter first, connect the charging fork of the charger to the connecting port of the battery. Charging time is about 120 minutes.



When charging, please push the switch to the OFF position.

connecting port of the battery

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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 flew 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

**Cautions:**

1. Steadily place the helicopter on the level ground. Please take it in hand and switch on the power of the helicopter, the indicator light should be lit.

2. Make sure you are in the place at least 2 meters behind the helicopter.

3. (Tail wing should be pointed to yourself).

4. Re-inspect the location and make sure it is far away from people, animals or any other obstacles.

5. Pull the antenna of the transmitter to maximum. Open the power switch, the power indicator will be lit. This time push the accelerating lever to the highest position and then back down. Only when the power indicator shows eternal brightness can you use it. This time the transmitter can be used normally and you can prepare to take off.

Helicopter trimming

**Special prompt**

If helicopter flies rotating in the air without pulling control stick, then stop flight. When turned off, use a screw driver to adjust the potentiometer on chopper circuit board lightly. If it is steady. Then adjust the hand adjustment. It stops rotating. Or you can adjust while in flight by below prompts:

When the helicopter is hovering anticlockwise or constant rotating anticlockwise, please turn the trim button to the right. If it is balanced.

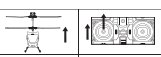
When the helicopter is hovering clockwise or constant rotating clockwise, please turn the trim button to the left. If it is balanced.

CONTROLLING METHOD

Operation tip:  
For the first learner, you need to accelerate slowly and do not accelerate too quickly when flying. It would be highly suggested that it is flown on horizontal view or within your visible scope.

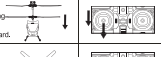
Ascend

When push the left control lever (accelerator) upward, the turning speed of main rotor becomes faster and the helicopter ascend.




Descend

When push the left control lever (accelerator) downward, the turning speed of main rotor becomes slower and the helicopter descend.




Head Turning

When push the control lever (rudder) to the left, the nose of the helicopter turns to the left. When push it to the right, the nose of the helicopter turns to the right.




Forward

Push the right joystick (swerving rudder) downward, the helicopter head goes downward and the helicopter moves forward.



Backward

Push the right joystick (swerving rudder) upward, the helicopter head goes upward and the helicopter moves backward.

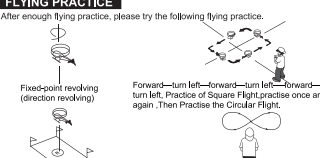


FLYING PRACTICE

After enough flying practice, please try the following flying practice.

Fixed-point revolving (direction revolving)

Forward—turn left—forward—turn left—forward—turn left. Practice of Square Flight practice once and again. Then Practise the Circular Flight.



Assigned location landing (assigned location landing)

Practice of Digit 8 Crossing Flight

PROBLEMS AND SOLUTIONS

Problem	Reason	Problem shooting
No power with the transmitter	1. Pull to the "OFF" position on the ON/OFF button. 2. Do not correctly load the batteries as per the correct polarity shown. 3. The battery is exhausted.	1. Pull to the "ON" position on the ON/OFF button. 2. Check and make sure the batteries are correctly loaded as per the polarity shown in the battery box. 3. Replace with new batteries.
Transmitter is not opened	1. Transmitter is not opened.	1. Pull to "ON" position on the ON/OFF button of the transmitter.
Can not control	2. The ON/OFF button of the helicopter is on the "OFF" position. 3. The antenna is not installed or stretched totally. 4. Too strong wind force	2. Pull to "ON" position on the ON/OFF button of the helicopter. 3. Make sure the antenna is installed correctly and stretched totally. 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 control ascend	1. The rotating speed of the rotor is too slow. 2. The battery electric quantity of helicopter is insufficient.	1. Push the power controlling lever upward. 2. Charge the helicopter's battery or renew battery.
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

CAUTIONS

1. Insufficient electricity power will shorten the control distance.

2. Insufficient electricity power will lead to difficulties in taking off and ascending.

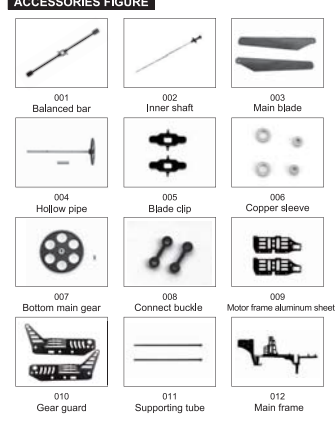
3. Fix the helicopter in time if there is any damage. If it is damaged badly (for example: blade is damaged), it may hurt players.

4. Remove the transmitter batteries if not in use for a long time in case of battery leakage.

5. Avoiding dropping and crashing the helicopter for it will lead to damages and shorten the use life.


6. The alloy parts in the helicopter may hurt your children, please pay much attention.

ACCESSORIES FIGURE



001 Balanced bar  
002 Inner shaft  
003 Main blade  
004 Hollow pipe  
005 Blade clip  
006 Copper sleeve  
007 Bottom main gear  
008 Connect buckle  
009 Motor frame aluminum sheet  
010 Gear guard  
011 Supporting tube  
012 Main frame

ACCESSORIES FIGURE



013 Tail unit  
014 Main motor  
015 Receiving plate  
016 Battery  
017 Motor cover  
018 Head

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PO# D29280

WECCAN INDUSTRIAL LIMITED  
PO# D29280  
10th July 2014  
MADE IN DONGGUAN CITY CHINA

WECCAN INDUSTRIAL LIMITED  
PO# D29280  
10 juillet 2014  
FAIT A DONGGUAN CITY CHINE

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.

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.