

# 3.5-CHANNEL GYRO SYSTEM **S107G**

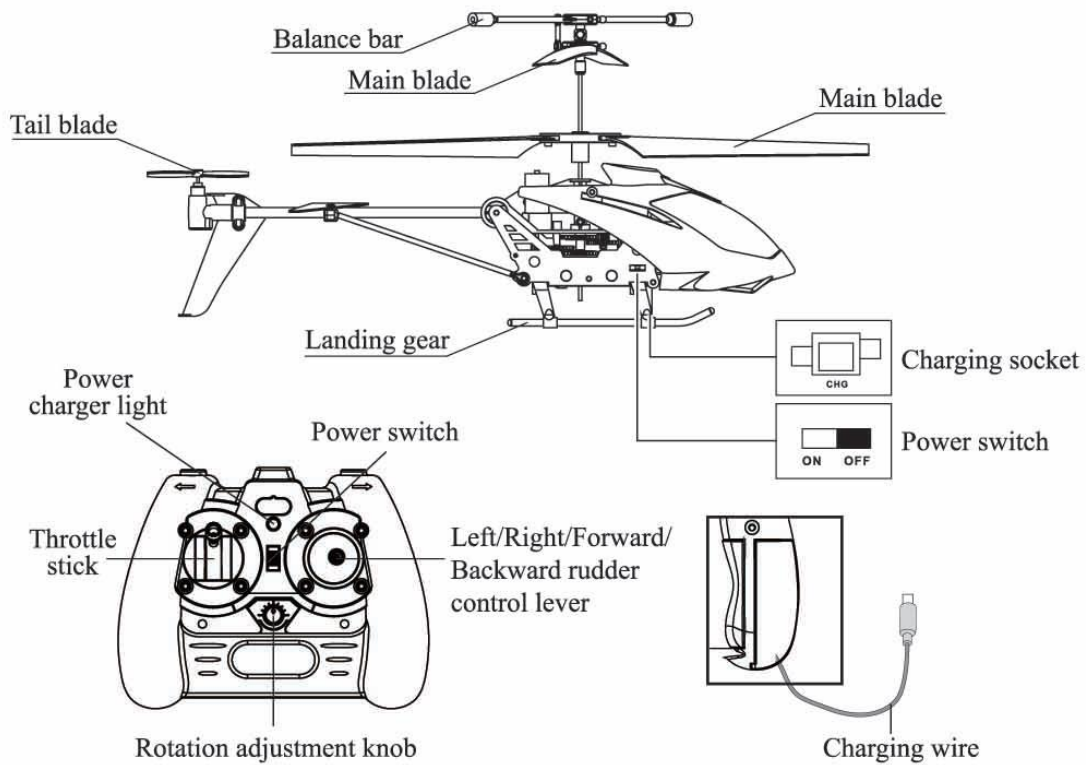
ALLOY INFRARED REMOTE CONTROL HELICOPTER

To avoid copter's damage and player's injury, please read this instruction before flying!



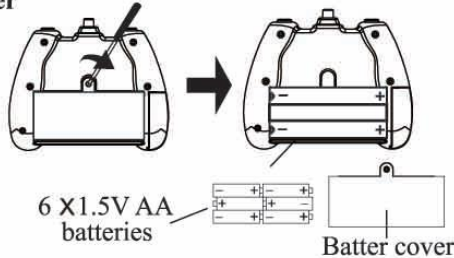
**NO.S107G**

## PACK LIST



## BATTERY INSTALLATION & CHARGING

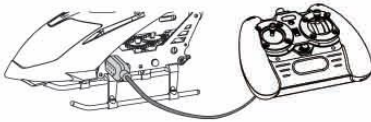
### Battery Installation-Transmitter



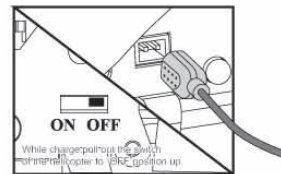
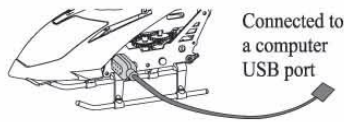
Open the cover of battery case insert 6 batteries (size AA) properly followed by polar indicator, shut the cover of battery case.

### Charging Helicopter

#### A - controller charging



#### B - USB charging



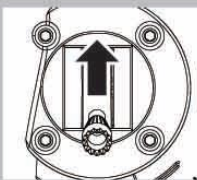
1. Move the power switch on the helicopter to the "OFF" position.
2. **Charging way A:** Put down the charging wire cover of the back controller and put out the charging wire, then put into the interface of the helicopter, the green light on the controller will change red. The charging time is about 40-50 minutes. The green light will change to normal light. Then the helicopter is fully charged.

**Charging way B:** Put the USB charging wire into the computer USB interface, the charging wire will be light. Put the other side of USB charging wire into the helicopter's interface, USB charging wire light will be turn off. The charging time is about 40-50 minutes. Charging wire light will turn on. Then the helicopter is fully charged.

Charging time can be 40-50 minutes flying for about 6-7 minutes

## FLYING YOUR HELICOPTER

- Set the Band Selector on the Transmitter and Helicopter to the same frequency.
- Move the Power Switch on the helicopter to the ON position, the power indicator will light up.
- Place the helicopter on the ground with the tail pointed towards you.
- When the helicopter received the transmit, the led of circuit board will turn light.

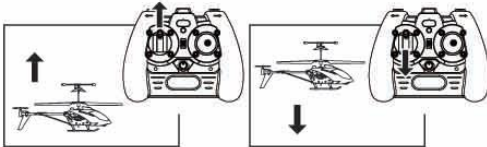


LEFT HAND  
MANIPULATE

1. Turn on the switch.
2. The motive handle (accelerator) must be pushed to the maximum control route of travel first, then adjust it to zero (lowest), after that, you can turn on the power of helicopter to fly the normal operation.

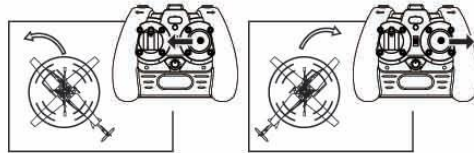
### Hover up and down

When the helicopter flies steadily, you can slowly push the throttle stick up to make the helicopter fly higher, or release the stick a bit to make the helicopter fly lower. Only small amounts of stick position change are required for smooth flying.



### Turn counter clockwise and clockwise

Hold the helicopter at a height. Push the rudder stick toward left to turn counter clockwise, and push the rudder stick toward right to turn clockwise.



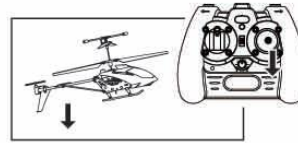
### Forward

When you push up the right control lever (steering rudder), the nose incline to down, the helicopter is moving to forward.



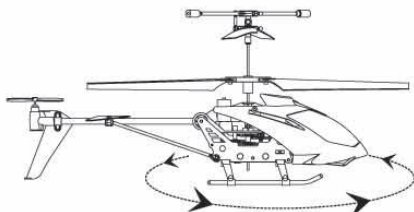
### Backward

When you push down the right control lever (steering rudder), the nose incline to up, the helicopter is moving to backward.



**Note: If the helicopter rotates whilst in operation, please use the rudder trim to adjust.**

If the helicopter spins during flight, follow the procedure below to stop the rotation.

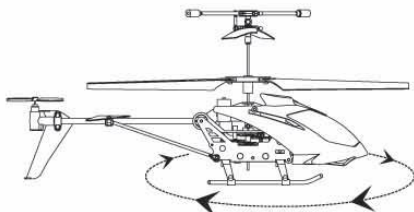


Helicopter rotates anticlockwise

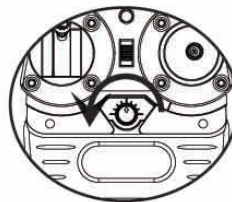


Clockwise rotation vernier adjustment knob

Note: Adjust the knob as required until the rotation has stopped.



Helicopter rotates clockwise



Counterclockwise rotation vernier adjustment knob

Note: Adjust the knob as required until the rotation has stopped.

### OPERATION:

- \* Don't operate the helicopter under the direct sun or strong lighting;it will affect the control system of your helicopter.
- \* Don't cover the lens of the transmitter.No signal will be released while you cover the lens.
- \* Don't stick any other label onto the helicopter;the other label will affect receiving of IR signal.
- \* The product uses light-minded materials, it will easy to damage if operate incorrectly, tumble or bump or another factor will shatter the product.
- \* Motor heating components, don't touch, avoid scald.

### ENVIRONMENT FOR FLIGHT:

- 1.Indoor environment with calm air condition.Beware of the air cirrulation from the air-conditioner.
- 2.Space area:It is recommended to have to have space area over 20ft(W) x 30ft(L) x 10ft(H).
- 3.Safety area:It is recommended that there is no electric fan,air-conditioner,reading lamp or other dangerous objects to flying.

## SPARE PARTS LIST

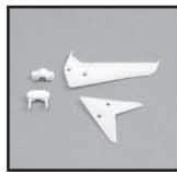
Order by item number from local distributors.



S107G-01  
Head cover



S107G-02  
Main blade



S107G-03  
Tail decoration



S107G-04  
Connect buckle



S107G-05  
Balance bar



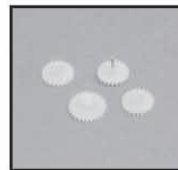
S107G-06  
Tail lade



S107G-07  
Helicopter corpus



S107G-08  
Ascend and Descend



S107G-09  
Gear



S107G-10  
Tail support pipe



S107G-11  
Main frame metal part A



S107G-12  
Main frame metal part B



S107G-13  
Main shaft



S107G-14  
Chopper tail unit module



S107G-15  
Main shaft pipe



S107G-16  
Motor A



S107G-17  
Motor B



S107G-18  
Circuit board



S107G-19  
3.7V Li-Poly