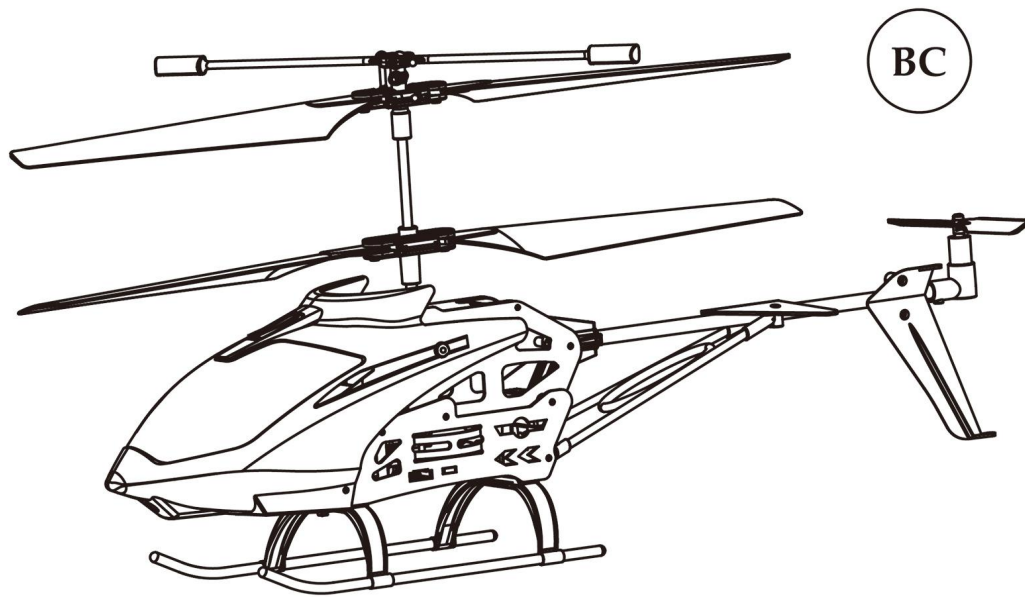




**AGES 14+**

# **S39 2.4G**

**3 CHANNEL REMOTE CONTROL HELICOPTER**



**1**

## **INSTRUCTION MANUAL**

**IMPLEMENT STANDARD: GB/T26701-2011**

### ***Key features of helicopter***

- Special metal durable body for a good resistance to mill and stable flight. It is suitable for indoor flight.
- A sophisticated built-in gyroscopic auto-stability feature makes for smooth and stable flying.
- Structure module design, Easy operate and maintenance.

All material, dimensions and spare parts included in this instruction are for reference only. The company will not be responsible for any change of printed parts and notify consumer. Any update or change please refer to our website.

## PREFACE

Dear customers:

Thank you for purchasing our flying model. Please read this instruction manual carefully in order to master the skill more quickly and operate this product more safely. In the mean time, please well keep the original of this instruction manual for future reference.

## Instructions for use

- 1) Age classification: not suitable for children under 14 years of age
- 2) Before first use: read the user's information together with your child.
- 3) Flying the helicopter requires skill and children must be trained under the direct supervision of an adult.
- 4) For toys intended to be assembled by the child: Check if the toy is assembled as instructed. The assembly shall be performed under the supervision of an adult.
- 5) Hands, hair and loose clothes shall be kept away from the propeller (rotor).
- 6) Do not change or modify anything on the helicopter!
- 7) Caution! The helicopter should not be started when persons, animals or any objects are within the flying range of the helicopter.
- 8) Do not throw or hold any objects in the rotating rotor

## IMPORTANT INSTRUCTION

1. Please fly your helicopter safely and refer to our instruction manual to avoid personal injury and property damage. The company will not be responsible for any accident or damage resulting from improper operation.
2. This model is not suitable for children under 14 years old.
3. Please fly it in safety and legal environment.
4. Our company will not be responsible for safety duty of improper operation.
5. Please ask help from our dealer at local if you have any problem such as operation, playing and maintenance etc.

## SAFTY & CAUTIONS

This R/C helicopter is a risky commodity. Please make sure that it should be flid far away from crowd. Pay attention to the phenomenon such as incorrectly assemble, damage model or incorrect insertion of electronic control equipment. Caution should be paid to guarrantee flying safety to avoid accident due to your negligence.

1. Keep it far away from the barrier or crowd.
2. Keep it far away from the moisten environment.
3. Use this product correctly and avoid operating alone.
4. Keep it far away from the high-speed rotating part and heat source.
5. Please confirm the sequence of turning ON/OFF. Incorrect sequence may cause it out of control and injury of you and others. Please form a good habit of switching ON/OFF.
6. Because luminous diode has laser radiation, please don't look light beam in the eye.
7. In order to ensure electromagnetic environment requirements in plane radio (station), forbid to use all kinds of model remote control within the area where regards airfield runway center as the circle center and considers 5000M as the radius. When the related state department issued wireless control orders, it should stop using model remote control as required in the period and area.

## ABOUT CONTENTS

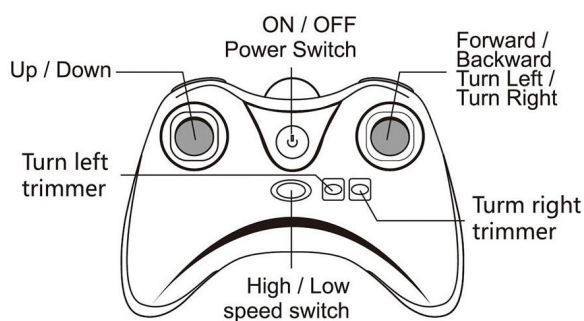
Product included following contents:

- Helicopter
- Remote controller
- Tail blade
- Instruction manual
- USB
- Screwdriver

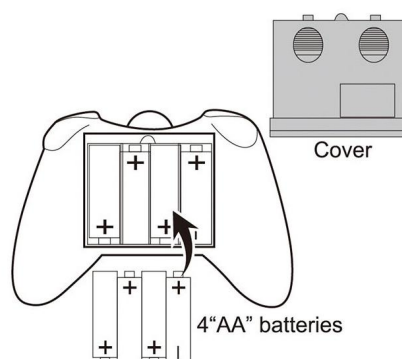


## GET TO KNOW YOUR TRANSMITTER

### Remoter instruction



### Battery Installation

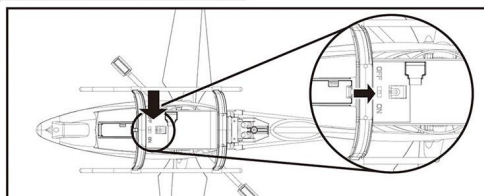


Unscrew and remove battery cover, insert 4 "AA" batteries according to the polarity indication( Batteries not included).

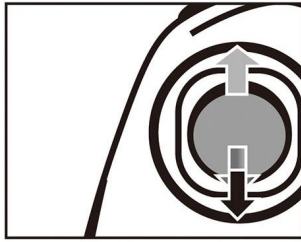
## READY TO FLY YOUR HELICOPTER



- 1: Press the power switch to turn on the transmitter.



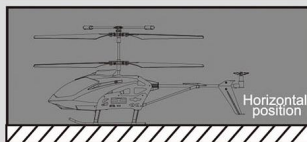
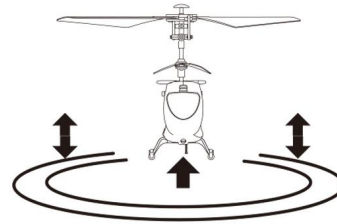
- 2: Open helicopter's power switch.



3: Transmitter indicator blinks for about 1-2 seconds to match signal. When finish matching, it keeps light on, than please push the left lever up and down to ready flight.

### Height Hold

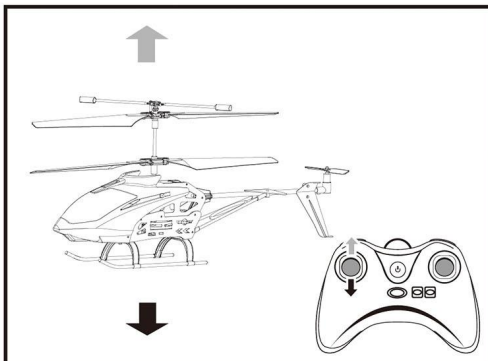
Use the left stick(throttle)to achieve the desired height and after allow th left stick to fall back to its default middle position.



TIPS: When matching signal, keep the helicopter on horizontal position to fast matching and start a stable flight.

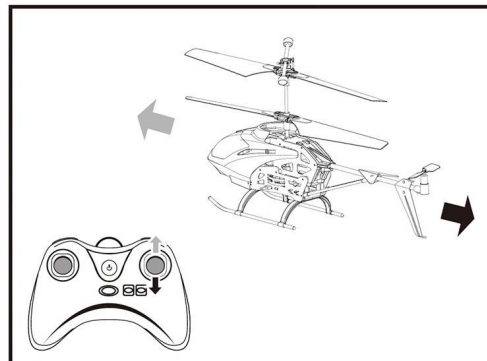
## FLIGHT CONTROL

### Hover up and down



Slowly push the left stick up to make helicopter fly higher, or release the stick a bit to make helicopter fly lower.

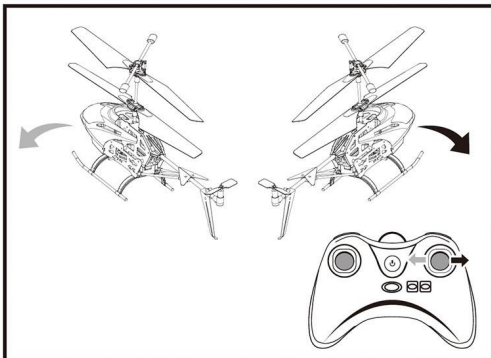
### Forward and backward



Slowly push the right stick up to make helicopter fly forward, or push the stick down to make helicopter fly backward.

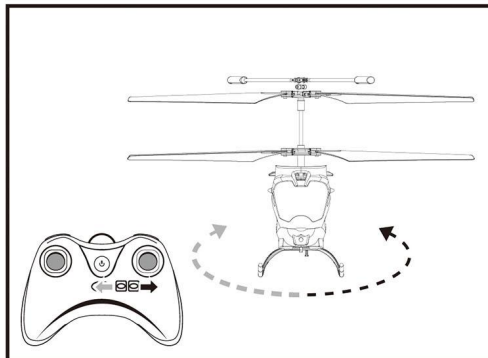


### Turn Left and Right



Slowly push the right stick left to make helicopter fly to left, or push the stick right to make helicopter fly to right.

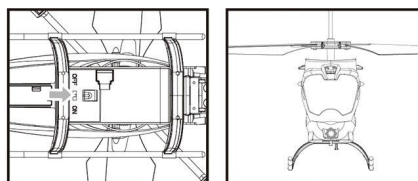
### Turn right/left calibration trim



If helicopter rotates clockwise/counter-clockwise, continually push left/right trim switch until excessive turning stops.

### Search light

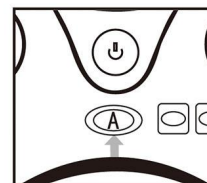
After opening helicopter's power switch, fuselage's light will light on.



### High/Low Speed Switch

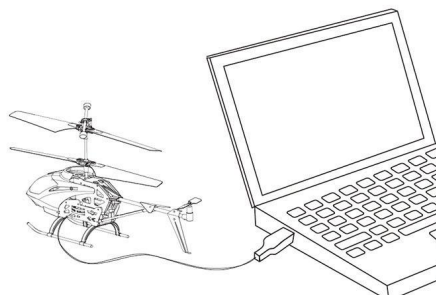
Low speed: The factory default speed when turn on remote controller.

High speed: Turn on remote controller, then press High/Low Speed Switch to be high speed. Press High/Low Speed Switch again to be low speed.



## BATTERY CHARGING

Charging helicopter with USB:  
Take out the USB charging wire, connect the USB wire to the computer interface. Then connect the other end of USB charging wire to helicopter's interface. No light to indicate while charging. To be turned red once full of charge.



Charging time: about 70 minutes; Flying time: about 5 minutes

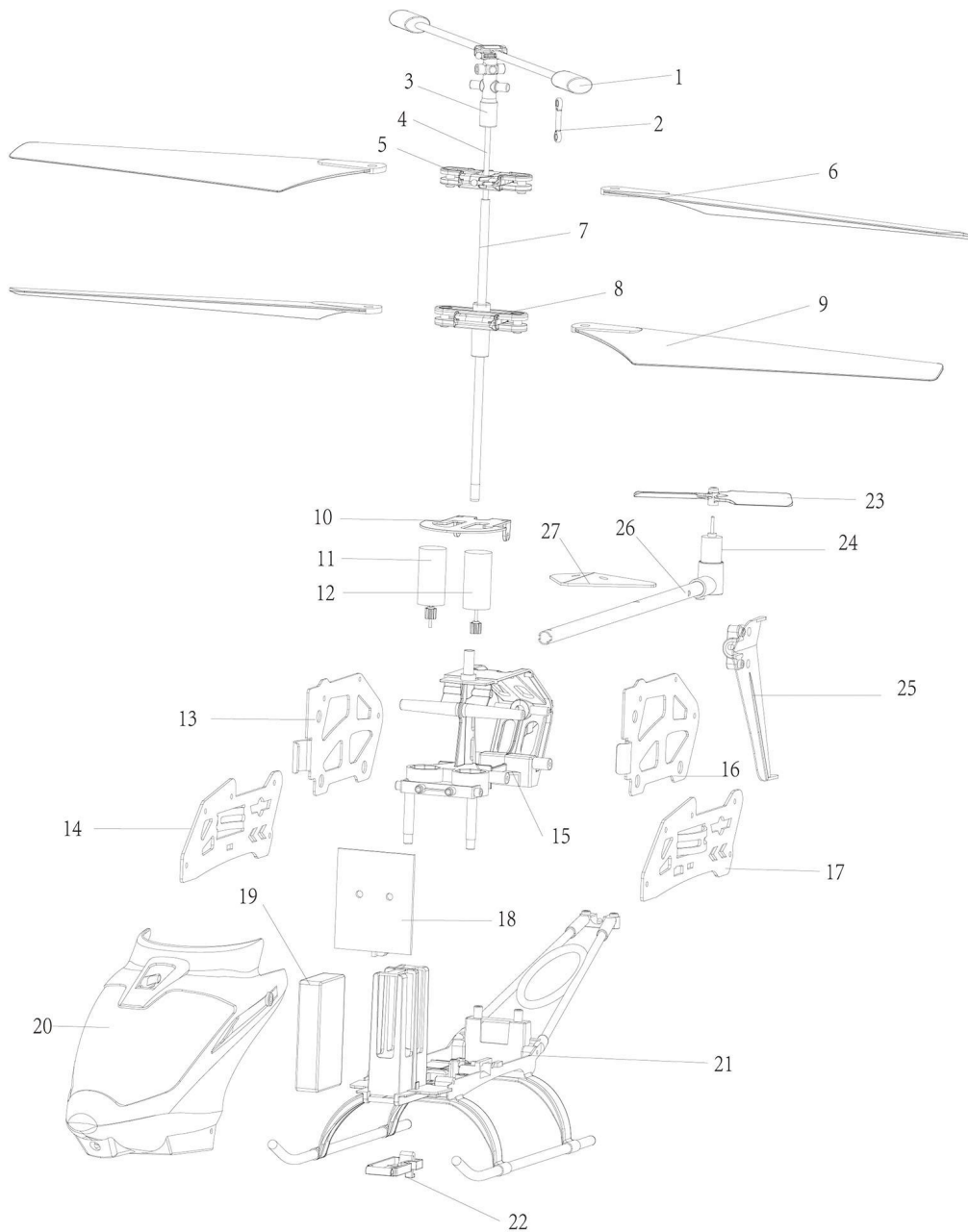
Note: Make sure helicopter power switch to OFF position when charging.

## BATTERY CAUTIONS

1. Don't use or leave the battery near a heat source such as fire or heater.
2. Adult supervision is required when charging.
3. After flying, don't charge batteries at once to avoid batteries too hot to cause to the fire, make sure it cool down before charging.
4. Don't hit or let batteries fall down when charging to avoid inner short-circuit.
5. Only use the included adaptor for charging. Please replace with new batteries in time if batteries aging.
6. After full charging, please take off adaptor in time, otherwise batteries will discharge and charge again, this way will shorten batteries service life.

## MAINTENANCE BATTERIES

1. Keep the battery in a 18—25°C cool dry environment.
2. To keep the batteries life, don't make it discharge and charge repeatedly. Do not over discharge.
3. Please charge the batteries to be 50%-60% before long term storage.
4. Regular check the batteries voltage if stop using for more than 1 month. If the voltage is lower than 3V, do as Point 3.

**BREAKDOWN & DIAGRAM**

| Code | Description              | Quantity | Code | Description                | Quantity | Code | Description                | Quantity |
|------|--------------------------|----------|------|----------------------------|----------|------|----------------------------|----------|
| 01   | Balance bar              | 1        | 12   | Main motor B               | 1        | 23   | Tail blade                 | 1        |
| 02   | Upper connection buckle  | 2        | 13   | Up left aluminum sheet     | 1        | 24   | Tail motor                 | 1        |
| 03   | Main shaft               | 1        | 14   | Lower left aluminum sheet  | 1        | 25   | Vertical tail & fix part   | 1        |
| 04   | Inner shaft              | 1        | 15   | Main stand                 | 1        | 26   | Tail tube                  | 1        |
| 05   | Upper blade grip set     | 2        | 16   | Lower right aluminum sheet | 1        | 27   | Horizontal tail & fix part | 1        |
| 06   | Upper blades             | 2        | 17   | Up right aluminum sheet    | 1        | 28   |                            |          |
| 07   | 2.5 Stainless steel tube | 1        | 18   | PCB board                  | 1        | 29   |                            |          |
| 08   | Lower blade grip set     | 1        | 19   | Battery                    | 1        | 30   |                            |          |
| 09   | Below blades             | 2        | 20   | Head cover                 | 1        | 31   |                            |          |
| 10   | Motor cover              | 1        | 21   | Landing skid               | 1        | 32   |                            |          |
| 11   | Main motor A             | 1        | 22   | Battery cover              | 1        | 33   |                            |          |

## PARTS (not included)

Following have some parts for your choice, you can purchase them from our dealer at local.



**S39-01**

Headcover-red



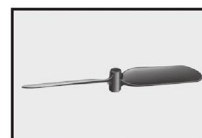
**S39-02**

Headcover- white



**S39-03A**

Main blade



**S39-03B**

Tail blade



**S39-04**

Main stand



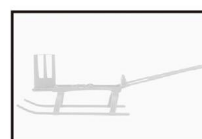
**S39-05A**

Balance bar



**S39-05B**

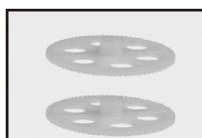
Upper connection  
buckle



**S39-06**

Landing skid





S39-07

Gear



S39-08A

Upper blade grip set



S39-08B

Lower blade grip set



S39-09

Inner shaft



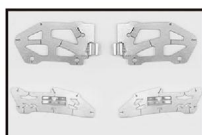
S39-10

Battery cover



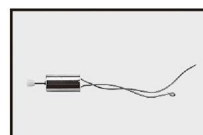
S39-11

Tail motor assembly



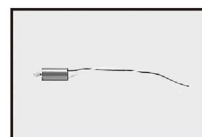
S39-12

Aluminum sheet



S39-13A

Motor A



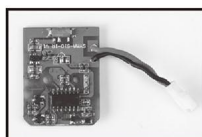
S39-13B

Motor B



S39-14

Battery



S39-15

PCB board



S39-16

USB



S39-17

Motor cover



S39-18A

Tail Decoration-  
red

S39-18B

Tail Decoration-  
white

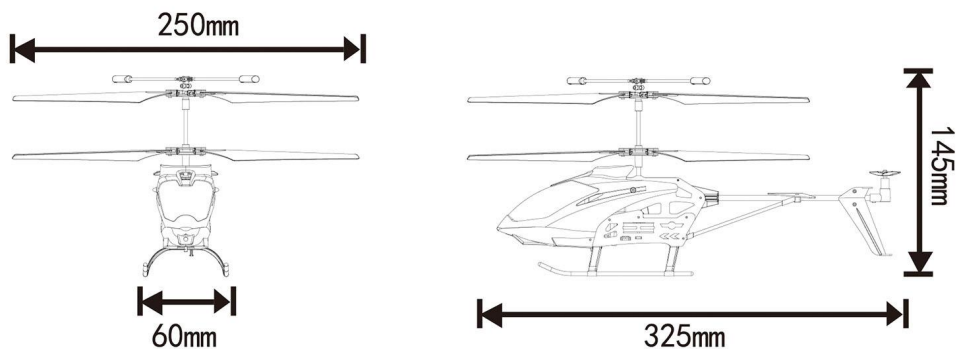
S39-19

Transmitter

## TROUBLE SHOOTING

| Problems                        | Possible Causes   | Solutions  |
|---------------------------------|---|--|
| Helicopter can not move         | 1.Weak battery.<br>2.Controller power weak, indicator flashing. | 1.Recharge the Pegasus.<br>2.Replace controller batteries. |
| Helicopter insensitive reaction | 1.Controller power weak.  | 1.Replace controller batteries.                            |

## MAIN PARAMETER



Body length: 325mm

Body width: 60mm

Body high: 145mm

Main blade diameter: 250mm

Main motor code:  $\varnothing 8$

Battery: 3.7V 350 mAh Li-poly



SPECIFICATIONS AND COLORS OF CONTENTS MAY VARY FROM PHOTO.

The company has the right of final interpretation  
of this instruction manual statement.

frequency band: 2442MHz-2473MHz;  
maximum output power: 2.52dBm

**The statements should be displayed in the user manual:**

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.