Helicopter Features

- Special Aluminium alloy durable body for a good resistance to mill and stable flight. It is suitable for indoor flight.
- A sophisticated built-in gyroscopic auto-stability system for smooth and stable flying.
- Model design structured, easy operation and maintenance.

All material, dimensions and spare parts included in this instruction are for reference only. The company is not responsible for any changes printed parts and notify consumer. Any updated or changed please refer to our website www.symatoys.com.
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.

IMPORTANT INSTRUCTION

1. Please refer to our instruction manual before flying your helicopter in order to avoid personal injury and property damage. The company is not responsible for any accidents and damages resulting from the consumer improper operation.
2. This model not suitable for children who under 14 years.
3. Please fly it in safely and legal environment.

SAFETY & CAUTIONS

This R/C flying model is high clangerous commodity, please make sure the helicopter flying far away from the crowd. For safely flying and avoid the demage, accident happen due to your own negligence, please pay more attention to the phenomenon such as incorrectly assemble, connection and operation of electronic control equipment.

1. Keep it far away from the barrier and crowd.
2. Keep it far away from the moisten environment.
3. Use this product correctly and avoid operating by your own.
4. Keep it far away from the high-speed rotating part and heat source.
5. Please conform to the sequence of power ON/OFF. In Incorrect sequence of power ON/OFF will cause this product out of control, affect yourself and others safety. Please form a good habit of switching on and switching off for this product operation correctly.

CONTENTS

Product included following contents:

- Helicopter
- Transmitter
- Tail blade
- Instruction manual
- Screwdriver
- USB cable
GET TO KNOW YOUR TRANSMITTER

Controller instruction

- ON/OFF Power/Charge Indicator
- Up/Down
- Turn right trimmer
- Two Frequency Assorted (A, B)
- Forward/Backward Turn Left/Turn Right
- Turn left trimmer

Battery Installation

(Pic 1)

(Pic 2)

Your helicoper is delivered with fully assembled and requires 4 "AA" batteries to be installed in the controller.
Unloosen the screw and take out the battery cover (pic 1). Install 4 "AA" batteries inside the battery compartment, be aware of the polarity should be correctly connected (pic 2).

READY TO FLY YOUR HELICOPTER

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

Step 2: Plug into helicopter interface

Step 3: Turn on your helicopter.

Step 3: Transmitter indicator blinks for about 10-20 seconds to match signal. When finish matching, it keeps light on. Please push the left lever fully forwards then fully backwards to ready flight.

TIPS: When matching signal, keep the helicopter on horizontal position for faster matching and starting start a stable flight.
FLIGHT CONTROL

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

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

Turn Left and Right
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.

Turn right/left calibration trim
If helicopter rotates counter-clockwise... Continually push right R/C calibration until excessive turning stops. If helicopter rotates clockwise... Continually push right R/C calibration until excessive turning stops.

Searching light
When plug into the helicopter interface, the searching light at the front of helicopter will light on.

Button Description
A/B band selector: system regards to band “A” when controller turned on. press button “A” for 2 seconds till indicator lights flash twice, controller enter into bank “B”, press button “A” for 2 seconds, indicator lights flash one time, controller back to band “A”.

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HELICOPTER CHARGING

Charging helicopter with USB:
Take out the USB charging wire, connect the USB wire to the computer interface, then connect the other USB charging wire to the helicopter interface. During charging, the indicator of USB charging wire will be OFF. When it fully charged, the indicator will be ON.

Charging time: about 40 minutes — Flying time: about 5 - 6 minutes!

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

BATTERY CAUTIONS

1. Keep the battery away from fire and heating sources. It could damage the battery or cause it to explode.
2. Keep the helicopter and the battery away from water.
3. Only charge the helicopter with the provided charger.
4. Do not remove or dismantle the built-in battery.
5. Do not leave unattended when charging.

MAINTENANCE BATTERIES

1. Keep the battery in a 18—25°C cool dry environment.
2. To keep the batteries service life, don’t make it discharge and charge repeatability, don’t over discharge.
3. Please make batteries full charging when keep in long time.
4. Regular check the batteries voltage, if the voltage lower than 3v, make it full charging.
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<th>Description</th>
<th>Quantity</th>
<th>Code</th>
<th>Description</th>
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All the spare parts below can be bought from local distributor.

- **S8–01A** Headcover A - black
- **S8–01B** Headcover B - green
- **S8–02A** Tail Decoration A - black
- **S8–02B** Tail Decoration B - green
- **S8–03A** Main blades
- **S8–03B** Tail blade
- **S8–04** Main frame
- **S8–05A** Balance bar
- **S8–05B** Connect buckle
- **S8–06** Undercarriage
- **S8–07** Gear
- **S8–08** Blade locker
- **S8–09** Main shaft base
- **S8–11** Chopper tail unit module
- **S8–12** Metal frame
- **S8–13A** Motor A
- **S8–13B** Motor B
- **S8–14** Battery
- **S8–15** Receiver board
- **S8–16** USB charger cable
- **S8–17** Transmitter
**TROUBLESHOOTING**

<table>
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<tr>
<th>Problem</th>
<th>Reason</th>
<th>Solution</th>
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</table>
| No response from the helicopter            | 1. Insufficient power with the helicopter.  
                                          | 2. Insufficient power with the transmitter, power indicator keeps flashing.  
                                          | 3. The band of the transmitter does not correspond to the decoding of the helicopter. | 1. Please charge to the helicopter.  
                                          | 2. Replace the battery inside the transmitter.  
                                          | 3. Adjust the band on the transmitter and keep it the same as the helicopter. | |
| If the helicopter is slow to respond or difficult to manoeuvre | 1. Insufficient power with the transmitter.  
                                          | 2. Transmitter of the same frequency is used nearby.                        | 1. Replace the battery.  
                                          | 2. Use the helicopter out of the range of other RC helicopters. | |

**MAIN PARAMETER**

- Body length: 270mm
- Body width: 56mm
- Body high: 126mm
- Main blade diameter: 207mm
- Main motor code: 7
- Battery: 3.7V 150 mAh Li-poly