

## SYMA SYM-S9

# SYMA REVOLT AEROLUME HELICOPTER RC (Model SYM-S9) Instruction Manual

## INTRODUCTION

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This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your SYMA REVOLT AEROLUME HELICOPTER RC. Please read this manual thoroughly before operating the helicopter to ensure proper function and to prevent damage or injury.

## SAFETY INFORMATION

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- **Indoor Use Only:** This helicopter is designed for indoor use. Do not fly outdoors.
- **Adult Supervision:** Recommended for users aged 8 and above. Adult supervision is advised for younger users.
- **Clear Area:** Ensure a clear flying area, free from obstacles, people, and pets.
- **Avoid Obstacles:** Do not fly near electrical wires, lamps, or other fragile objects.
- **Battery Safety:** Use only the provided charging cable. Improper charging can lead to overheating or fire hazards. Do not overcharge or short-circuit batteries.
- **Propeller Warning:** Keep hands, face, and hair away from rotating propellers.
- **Water Exposure:** Keep the helicopter and remote control away from water and moisture.

## PACKAGE CONTENTS

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Verify that all items are present in your package:

- REVOLT AEROLUME HELICOPTER RC
- Remote Control (requires 4 AA batteries, included)
- Rechargeable Li-ion Battery (3.7V/400mAh)
- USB Charging Cable

- Replacement Tail Propeller
- Instruction Manual

## SETUP

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### 1. Charging the Helicopter Battery

The helicopter is powered by a rechargeable Li-ion battery. Before first use, fully charge the battery.

1. Connect the USB charging cable to the helicopter's charging port.
2. Plug the USB end of the cable into a USB power source (e.g., computer USB port, USB wall adapter).
3. The indicator light on the USB charging cable will illuminate during charging and turn off or change color when charging is complete. Refer to the charger's specific instructions for exact indicator behavior.
4. Charging typically takes approximately 60-90 minutes. Do not leave unattended during charging.

**Important:** Use only the original charging cable provided with the helicopter. Utilizing other charging cables may result in overheating or fire hazards.



Image: The REVOLT AEROLUME HELICOPTER RC being charged via its USB cable. The charging indicator light is visible.

### 2. Installing Remote Control Batteries

The remote control requires 4 AA batteries (included).

1. Open the battery compartment on the back of the remote control.
2. Insert 4 AA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment securely.



Image: The remote controller for the REVOLT AEROLUME HELICOPTER RC.

## OPERATING INSTRUCTIONS

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### 1. Power On and Pairing

1. Ensure the helicopter battery is fully charged and the remote control has fresh batteries.
2. Place the helicopter on a flat, level surface.
3. Turn on the helicopter's power switch (usually located on the underside or side of the helicopter).
4. Turn on the remote control's power switch.
5. The remote control and helicopter will automatically pair. This may involve moving the throttle stick up and then down. Refer to the remote control's specific instructions for pairing sequence.

### 2. Basic Flight Controls

The REVOLT AEROLUME HELICOPTER RC features user-friendly controls for an enjoyable flying experience.

- **One-Button Take-Off and Landing:** Press the designated button on the remote control to initiate automatic take-off or landing. The helicopter will ascend to a stable hover or descend gently.
- **Auto-Hover (Altitude Hold):** The helicopter maintains its altitude automatically, allowing you to focus on directional control.
- **Throttle Stick:** Controls the helicopter's ascent and descent (when not in auto-hover) or forward/backward movement.
- **Directional Stick:** Controls forward, backward, left, and right movement.
- **2 Speeds:** Switch between two speed modes for beginners and more experienced pilots.

### 3. Preprogrammed Flight Maneuvers (5 Stunts)

The helicopter includes 5 preprogrammed flight maneuvers for dynamic aerial displays:

- Ascending Descending Corkscrew Flight
- Expanding Spiral Flight
- Bunny Hops

- (Other two maneuvers not specified in product description, refer to remote control manual for full list)

## 4. Multi-Color Light Effects

The Aerolume features mesmerizing multi-color light effects with 7 light patterns, enhancing visibility and aesthetic appeal during flight.



Image: The REVOLT AEROLUME HELICOPTER RC showcasing its multi-color light effects during flight.

## 5. Flight Video Demonstration

Watch this video for a visual guide on operating the REVOLT AEROLUME HELICOPTER RC, including its features and flight maneuvers.

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Video: Demonstration of the REVOLT AEROLUME HELICOPTER RC's features, including light patterns, one-button take-off/landing, altitude hold, 5 stunts (corkscrew, spiral, bunny hops), 2 speeds, 17-minute flight time, and USB charging.

## MAINTENANCE

### 1. Tail Propeller Replacement

If the tail propeller becomes damaged, it can be replaced:

1. Carefully remove the damaged tail propeller from its shaft.
2. Align the new tail propeller with the shaft and gently press it into place. Ensure it is secure but not overly tight.

### 2. General Care

- Clean the helicopter with a soft, dry cloth. Do not use solvents or harsh chemicals.
- Store the helicopter and remote control in a cool, dry place when not in use.
- Remove batteries from the remote control if storing for extended periods to prevent leakage.

## TROUBLESHOOTING

If you encounter issues with your helicopter, refer to the following common problems and solutions:

- **Helicopter does not respond:**

- Ensure both helicopter and remote control are powered on.
- Check if batteries in both devices are charged/fresh.
- Re-pair the helicopter and remote control.

- **Helicopter flies erratically or drifts:**

- Perform a calibration as per the remote control's instructions (if available).
- Check for damaged propellers and replace if necessary.
- Ensure there are no strong air currents or drafts in the flying area.

- **Helicopter does not take off:**

- Verify the battery is fully charged.
- Ensure propellers are installed correctly and not obstructed.
- Confirm the one-button take-off function is activated correctly.

## SPECIFICATIONS

Feature	Detail
Model Number	SYM-S9
Brand	SYMA
Toy Vehicle Form	Helicopter
Material	Plastic
Color	Multicolour
Age Range (Description)	Kid (Manufacturer Minimum Age: 108 months)
Power Source	Battery
Helicopter Battery	Rechargeable Li-ion Battery; 3.7V/400mAh
Remote Control Batteries	4 AA batteries (included)
Special Features	Multi-Color Light Effects (7 patterns), 5 Preprogrammed Flight Maneuvers, One-Button Take-Off and Landing, Auto-Hover, 2 Speeds
Flight Time	Approximately 17 minutes
Indoor/Outdoor Usage	Indoor
Item Weight	0.38 Kilograms

Item Dimensions  
(L x W x H)

10 x 5 x 8 centimetres

## WARRANTY AND SUPPORT

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For warranty information, technical support, or replacement parts, please refer to the contact details provided with your purchase or visit the official SYMA website. Keep your proof of purchase for warranty claims.

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