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SYMA X5UC

SYMA X5UC 2.4G RC Quadcopter User Manual

Model: X5UC

INTRODUCTION

This manual provides comprehensive instructions for the safe operation, setup, maintenance, and troubleshooting of your SYMA X5UC 2.4G RC Quadcopter with HD Camera. Please read this manual thoroughly before operating the device to ensure proper function and to prevent damage.

The SYMA X5UC is an advanced 2.4G RC quadcopter featuring an HD camera, automatic take-off and landing, hover function, and multiple flight modes suitable for various skill levels. It is designed for both indoor and outdoor flight.

PACKAGE CONTENTS

Before beginning, please verify that all components are present in the package:

- SYMA X5UC Drone
- 2.4G Transmitter (Remote Control)
- HD Camera
- Card Reader
- SD Card
- User Manual
- USB Charging Cable
- Main Blades (Propellers)
- Batteries (2 included)
- Propeller Guards
- Landing Gear



Image: The SYMA X5UC quadcopter, its remote control, and two included batteries, illustrating the main components of the package.

SETUP

1. Battery Installation and Charging

1. **Drone Battery:** Insert the provided battery into the battery compartment on the underside of the drone. Ensure it clicks securely into place.
2. **Charging:** Connect the drone battery to the USB charging cable. Connect the USB cable to a compatible USB power source (e.g., computer USB port, USB wall adapter). The charging time is approximately 100 minutes for a full charge, providing about 7 minutes of flight time.
3. **Transmitter Batteries:** Open the battery compartment on the back of the transmitter. Insert 4 x AA batteries (not included) according to the polarity markings. Close the compartment.

2. Propeller and Guard Installation

1. Identify the 'A' and 'B' markings on the propellers and the corresponding motor arms. Attach propellers 'A' to motor arms 'A' and propellers 'B' to motor arms 'B'. Ensure they are firmly seated.

2. Attach the propeller guards to the designated slots on the motor arms. These guards help protect the propellers during collisions.



Image: Detailed view of the drone's propeller attachment point, camera module, and internal gear mechanism, illustrating key assembly areas.

3. Camera Installation

1. Locate the camera module. Gently slide the camera into the designated slot on the underside of the drone until it clicks into place.
2. If an SD card is provided or purchased separately, insert it into the camera's SD card slot before flight.



Image: The underside of the SYMA X5UC drone, clearly showing the integrated HD camera module installed at the center.

OPERATING INSTRUCTIONS

1. Power On and Pairing

1. Place the drone on a flat, level surface.
2. Turn on the drone by pressing the power button. The drone's indicator lights will flash.
3. Turn on the transmitter. Move the left joystick (throttle) all the way up, then all the way down. The drone's lights will become solid, indicating successful pairing.

2. Flight Controls

The SYMA X5UC features intuitive controls for easy flight:

- **Left Joystick (Throttle):** Up for ascent, Down for descent.
- **Left Joystick (Yaw):** Left for counter-clockwise rotation, Right for clockwise rotation.
- **Right Joystick (Direction):** Up for forward, Down for backward, Left for left sideward flight, Right for right sideward flight.
- **Automatic Take-off/Landing Button:** Press once for automatic take-off. Press again for automatic landing.
- **Hover Function:** The X5UC can maintain its altitude automatically, making it easier to control and ideal for stable aerial photography.
- **360° Eversion (Flips):** Press the designated button on the transmitter, then move the right joystick in the desired direction to perform a flip.



Image: The SYMA X5UC drone demonstrating its stable hover function, depicted by signal waves emanating from its base.

3. Camera Operation

The integrated HD camera allows for aerial photography and video recording:

- **Taking Photos:** Press the photo button on the transmitter once to capture an image.
- **Recording Video:** Press the video button on the transmitter to start recording. Press again to stop recording.
- **Accessing Media:** Remove the SD card from the camera and insert it into the provided card reader. Connect the card reader to a computer to view and transfer your photos and videos.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the drone and transmitter. Avoid using water or chemical cleaners.
- **Propeller Inspection:** Regularly check propellers for damage (cracks, bends). Replace any damaged propellers immediately to ensure stable flight.
- **Battery Care:** Do not overcharge batteries. Store batteries in a cool, dry place when not in use. Remove batteries from the drone and transmitter if storing for extended periods.
- **Motor Care:** Keep motors free from dust and debris. Avoid flying in sandy or dusty environments.



Image: The SYMA X5UC drone illuminated by its integrated LED lights, showcasing its operational status and visibility features.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not respond to transmitter.	Not paired; low battery in drone or transmitter; incorrect battery installation.	Ensure proper pairing sequence; charge drone battery; replace transmitter batteries; check battery polarity.
Drone drifts during flight.	Not calibrated; damaged propeller; uneven surface during take-off.	Perform gyroscope calibration; replace damaged propellers; take off from a flat surface.
Camera not recording or taking photos.	SD card full or not inserted; camera not connected properly.	Insert or format SD card; ensure camera is securely attached to the drone.

Problem	Possible Cause	Solution
Short flight time.	Battery not fully charged; old battery; aggressive flying.	Ensure battery is fully charged (100 minutes); consider replacing old batteries; practice smoother flight maneuvers.

SPECIFICATIONS

Feature	Detail
Brand	SYMA
Model Name	X5UC
Special Feature	Integrated HD Camera, Auto Take-off/Landing, Hover Function
Age Range (Recommended)	12 Years and up
Color	White
Video Capture Resolution	720p or higher
Skill Level	Beginner
Video Capture Format	MP4
Control Type	Remote Control (RC)
Media Type	SD Card
Material	Plastic
Wireless Communication	2.4 GHz RF
Battery Type	Lithium Ion (Drone), Alkaline (Transmitter)
Flight Time	Approx. 7 minutes per battery
Charging Time	Approx. 100 minutes
Product Dimensions	15.16 x 15.16 x 1.38 inches

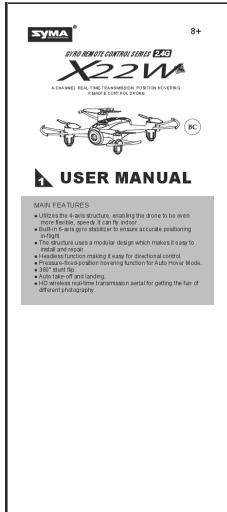
WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official SYMA website or contact your retailer. Keep your purchase receipt as proof of purchase for any warranty claims.
For further assistance, you may visit the [SYMA Store on Amazon](#).

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Related Documents - x5UC

 INSTRUCTION MANUAL IMPLEMENT STANDARD: GB/T26701-2011 Main characteristics: <ul style="list-style-type: none"> Four-axis aircraft in quadcopter form, using a propeller more flexible and rapid rotation, the aircraft is more stable and more powerful. Flight time is longer, the flight distance is longer, the flight range is wider. Flight is more stable, the flight is more stable. With the 2.4G remote control, the flight is more stable. The remote control receiver is built-in the aircraft, the remote control signal is more stable. 	<h2>Syma X8C Quadcopter User Manual - Instructions and Features</h2> <p>Comprehensive user manual for the Syma X8C 4CH 2.4G Remote Control Quadcopter. Learn about features, safety, operation, and maintenance of your Syma drone.</p>
 Z1 4-AXIS FOLDABLE DRONE  USER MANUAL MAIN FEATURES <ul style="list-style-type: none"> Special 4-axis structure - fast and agile. Suitable for flying in indoor and outdoor environments. Build-in 6-axis gyroscope ensures accurate position hold. Adjustable propeller pitch for better performance and longer flight time. New optical flow sensor for better position hold. Improved flight stability and maneuverability. Improved flight hold stability. Easy serial photography with high definition wireless real-time transmission. Notice: The syma z1 is not best for any kind of indoor activities, and it is not recommended to fly it in any other places but outdoors. If you have any other questions, please visit the syma website. 	<h2>Syma Z1 4-Axis Foldable Drone User Manual</h2> <p>Comprehensive user manual for the Syma Z1 4-Axis Foldable Drone, covering main features, safety guidelines, repair and maintenance, box contents, app usage, assembly, battery charging, blade installation, troubleshooting, and specifications.</p>
 X220W GPS DRONE  User manual	<h2>SYMA X220W GPS Drone User Manual: Safety, Setup, and Flight Guide</h2> <p>Comprehensive user manual for the SYMA X220W GPS Drone, covering safety, assembly, flight operations, troubleshooting, and specifications. Learn to operate your drone safely and effectively.</p>
 IFIXIT Syma X12S Motor Replacement How to replace the motor in a Syma X12S. Version By: Zsolt Almássy	<h2>Syma X12S Motor Replacement Guide</h2> <p>A comprehensive guide detailing the process of replacing a motor on the Syma X12S quadcopter, including necessary tools, parts, and step-by-step instructions for disassembly and reassembly.</p>



[SYMA X22W Drone User Manual: Features, Operation, and Safety Guide](#)

Comprehensive user manual for the SYMA X22W remote control drone. Learn about its features, safety guidelines, flight controls, app connectivity, and maintenance.



[SYMA X22W Drone User Manual: Features, Safety, and Operation](#)

Comprehensive user manual for the SYMA X22W drone, detailing its features, safety guidelines, operational instructions, and troubleshooting tips. Learn how to fly, charge, and maintain your drone for an optimal aerial photography experience.