

SYMA X600W

SYMA X600W Drone with Camera

INSTRUCTION MANUAL

Introduction

The SYMA X600W is a foldable drone equipped with a 1080P FPV camera, designed for both adults and kids. It features user-friendly controls such as One Key Start/Landing, Altitude Hold, and Headless Mode, making it ideal for beginners. Advanced features like Flight Route Mode and Gravity Sensor control enhance the flying experience. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and safety.

Safety Information

Always operate the drone in a safe environment, away from people, animals, and obstacles. Ensure the drone is fully charged before each flight. Do not fly in strong winds or adverse weather conditions. In case of emergency, utilize the Emergency Stop function. Pay attention to the Low Power Alarm to prevent unexpected landings. Remove batteries from the remote control and drone when not in use for extended periods.

Package Contents

Verify that all items are present in the package:

- Helicopter (drone with included battery) x 1
- Remote control x 1
- USB charging cable x 1
- User manual x 1
- Extra battery x 1
- Propeller guards x 4
- Cell phone clip x 1
- Extra Propellers x 4
- Screwdriver x 1
- Propeller blade protectors x 4



① Camera module

②③④⑤ Propeller unit

⑥ Body chamber

CRAFTED TO BE DURABLE AND SAFE

Image: Overview of the SYMA X600W package contents.

Product Overview

The SYMA X600W drone features a compact and portable design with foldable arms for easy transport. It is equipped with a 1080P camera module for high-quality photo and video capture. The drone's body chamber houses the main electronics, while four propeller units ensure stable flight.



Image: The SYMA X600W drone, remote control, and batteries.

DRONE DIMENSIONS: COMPACT & PORTABLE DESIGN



Image: Drone dimensions and compact foldable design.

Setup

1. Remote Control Battery Installation

- Utilize a screwdriver to open the remote control battery cover.
- Insert four new 1.5V AA batteries, ensuring correct polarity.
- Securely tighten the battery cover using a screwdriver.

2. Drone Battery Charging

- Pick up the USB charger cable and connect it to a USB power source (e.g., computer, USB wall adapter).

- B. Connect the charging cable to the drone battery.
- C. The indicator lights on the charger will illuminate during charging.
- D. The indicator lights will turn off when the battery is fully charged.

3. Drone Battery Installation

- A. Insert the charged battery into the drone's battery compartment.
- B. Close the battery compartment cover, ensuring the battery holder clicks into place.

Troubleshooting Solutions		
Issue	Reason	Troubleshooting
It does not work	Improper operation, the frequency has not been successfully linked. The drone has entered into low-voltage protection. Using the wrong battery/using old batteries/mixing old and new batteries. Multiple collisions resulting in motor damage.	Power off, then power on to retune frequency. Charge up the drone. Use 4 new 1.5V AA for the remote control. Contact customer service to replace the motor.
The drone is unresponsive/out of control.	The power of the remote control is weak. There is an interference with the same frequency. Unstable air pressure under the severe weather condition. The battery is fully depleted The motor is damaged.	Change the batteries. Change to a place where there is no interference with the same frequency. Avoid flying under bad weather conditions, better in indoors or under windless conditions. Charge the drone or use 4 new 1.5V AA batteries when needed. Need to replace the motor
Can't connect to APP	Failed to connect to WIFI. The downloaded app version is outdated. Improper operation Unknown reasons	Please restart and connect to WIFI "FPV_WIFI_XXXX". Uninstall the APP, scan the QR code and re-download the correct version. Check the instructions or instructional video before operation. Contact customer service for help.

Image: Step-by-step guide for battery installation and charging.

Operating Instructions

1. Connecting to Wi-Fi (App Control)

- A. Scan the QR code provided in the user manual to download the correct version of the SYMA FLY APP for your smartphone.
- B. After downloading, power on the drone.
- C. On your mobile device, go to Wi-Fi settings and connect to the network named "FPV_WIFI_XXXXX".
- D. Open the SYMA FLY APP, select "X600W" model in the top left corner.
- E. Tap "START" to enter the real-time display interface. The Wi-Fi connection is now established.

2. Pairing the Remote Control with the Drone

- A. Turn on the drone and the remote control. The indicator lights on both devices will flash rapidly.
- B. Push the left joystick (throttle) to the highest point, then pull it down to the bottom, and then reset it back to the center point.
- C. The indicator light will become solid, indicating successful pairing.

3. Basic Flight Controls

- **One Key Start/Landing:** Press the dedicated button to automatically take off or land the drone.
- **Altitude Hold:** This feature allows the drone to maintain a certain height, making it easier to control and capture stable footage.
- **Headless Mode:** Eliminates the need to adjust the drone's position before flight. The forward direction will be the direction the pilot is facing when the drone takes off.



One key start



Altitude hold



Headless mode



**EXPERIENCE THE
THRILL OF OUR BEGINNER DRONE**

Image: Demonstrating basic flight features like One Key Start, Altitude Hold, and Headless Mode.

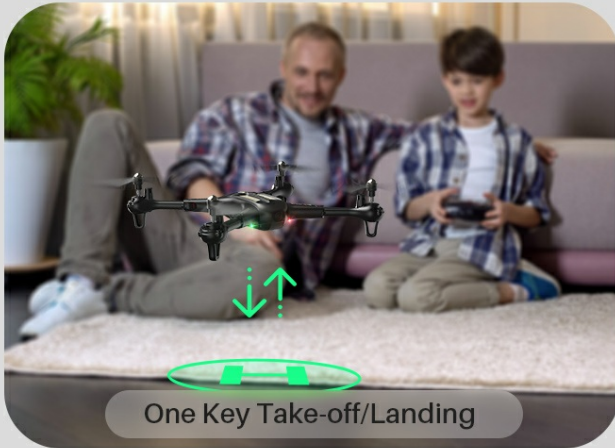


Image: Visual representation of One Key Take-off/Landing and Altitude Hold.

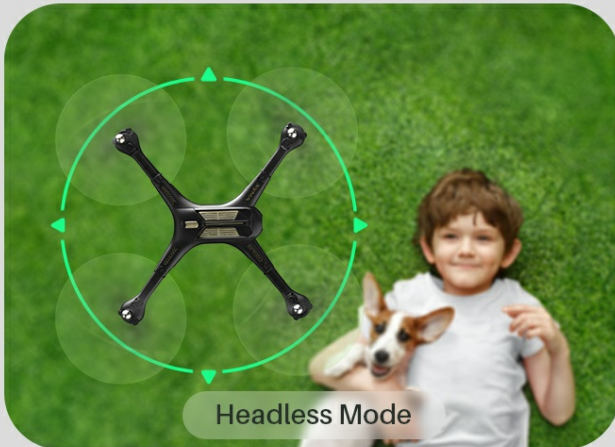


Image: Explanation of Headless Mode and High/Low Speed Switch.

4. Advanced Features (via SYMA FLY APP)

- **Flight Route Mode:** Draw a desired flight path on the app screen, and the drone will automatically follow the path you set.
- **Gravity Sensor:** Use your smartphone's gravity sensor to control the drone's flying direction by tilting your phone.
- **360° Flip:** Execute impressive aerial stunts with a single button press for a full 360-degree flip.
- **Rotary Ascent:** Perform a circular ascent maneuver.
- **Speed Adjustment:** Switch between different speed modes (High/Low) to suit your flying skill level and environment.

TRAJECTORY FLIGHT >>>>>>



GRAVITY CONTROL >>>>>>



MORE FUN WAYS TO CONTROL

Image: Trajectory Flight and Gravity Control features.



X600W



Custom Flight Path



SYMA X

Image: Custom Flight Path feature in action.



X600W



APP Gravity Control



SYMA X

Image: APP Gravity Control demonstration.

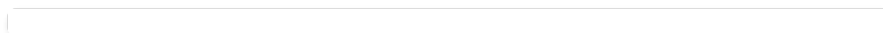


Image: 360° Flip and Rotary Ascent maneuvers.

Your browser does not support the video tag.

Video: This video demonstrates the advanced features available through the SYMA FLY App, including various control modes and flight capabilities.

5. Camera Operation

The integrated 1080P camera allows you to capture high-quality photos and videos from the drone's perspective. Connect your mobile device to the drone's Wi-Fi to enjoy a live panoramic view, review captured images and videos in your gallery, and easily share them on social media platforms.



● REC

More perspectives to record life



VS



1080P CAPTURING EVERY MOMENT

Image: 1080P camera capturing capabilities.



Image: Examples of shooting advantages with the drone's camera.

6. Applicable Environment

The SYMA X600W drone is suitable for indoor use and outdoor use in windless conditions. Its lightweight design allows for easy portability.

INDOOR >>>>>>



OUTSIDE WITHOUT WIND >>>>>>



APPLICABLE ENVIRONMENT

Image: Recommended environments for drone operation.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your SYMA X600W drone. Follow these care instructions:

- When the drone's lights blink, indicating a low battery, return the drone to a safe landing spot immediately.
- Avoid outdoor flights in bad weather conditions (e.g., strong winds, rain) to prevent crashes and damage.
- Always turn off the drone when it is not in use.
- Remove batteries from the remote control when not using it for extended periods to prevent battery leakage.

Troubleshooting

Refer to the table below for common issues and their solutions:

Issue	Reason	Troubleshooting
It does not work.	Improper operation; frequency not successfully linked; drone entered low-voltage protection; wrong battery usage; multiple collisions resulting in motor damage.	Power off, then power on to retune frequency. Charge up the drone. Use 4 new 1.5V AA for the remote control. Contact customer service to replace the motor.
The drone is unresponsive/out of control.	Power of the remote control is weak; interference with the same frequency; unstable air pressure under severe weather; battery is fully depleted; motor is damaged.	Change the batteries. Go to a place with no interference. Avoid flying under bad weather conditions, better in indoors or under windless conditions. Charge the drone or use 4 new 1.5V AA batteries when needed. Need to replace the motor.
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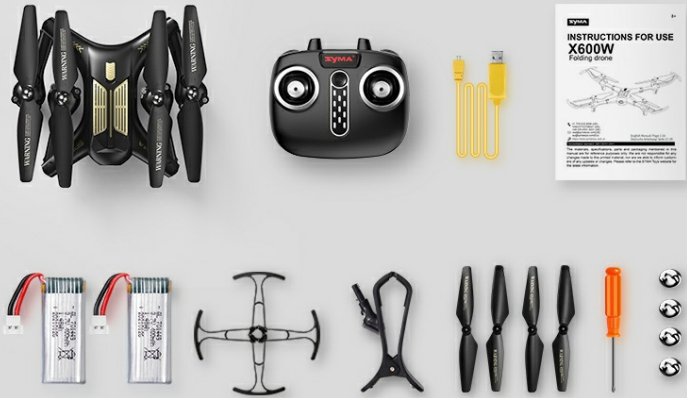


Image: Troubleshooting solutions for common drone problems.

Specifications

Brand	SYMA
Model Name	X600W
Special Feature	Foldable, Speed Adjustment, One Button Start/landing, 360° Flip and Rotate
Age Range (Description)	Adult, Kid
Color	Black

Video Capture Resolution	1080p
Connectivity Technology	Wi-Fi
Included Components	propeller, camera
Skill Level	Beginner
Battery Capacity	600 Milliamp Hours
Video Capture Format	MP4
Remote Control Technology	Wi-Fi
Control Type	Remote Control
Media Type	SD
Material	Plastic
Wireless Communication Technology	Wi-Fi
Battery Cell Composition	Lithium Ion
Are Batteries Included	Yes
Supported Image Format	JPEG
Remote Control Included?	Yes
Optical Sensor Technology	CMOS
Rechargeable Battery Included	Yes
Product Dimensions	11.1"L x 10.75"W x 2.17"H
Manufacturer	Syma
Item Weight	15.8 ounces
Batteries	2 Lithium Polymer batteries required. (included)

PRODUCT FEATURES

Developed size 187*55*180mm	Product weight 64g
Use environment No wind indoors or outdoors	Charging mode USB 5V
Charging time About 60 minutes	Battery capacity 3.7V/400mAh
Flight altitude Less than 30m	Flight time 24 mins(2 batteries)
Remote control distance Greater than 30 meters	Frequency 2.4G



Image: Detailed product features and specifications.

Warranty & Support

For any inquiries, technical support, or warranty claims, please contact SYMA customer service:

Phone: +1 (718) 312-0558

Email: usa@symatoys.com (USA)

SYMA is committed to providing high-quality products and customer satisfaction. We offer 24/7 customer support to assist you with any issues.



Image: SYMA customer support contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Email

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question