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› SYMA X700W Helicopter Drone Instruction Manual

SYMA X700W

SYMA X700W Helicopter Drone Instruction Manual

Model: X700W | Brand: SYMA

INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your SYMA X700W Helicopter Drone. Please read this manual thoroughly before first use and retain it for future reference. The SYMA X700W features a 1080P HD FPV camera for real-time transmission, user-friendly controls, 360° flips, trajectory flight, and app control with gravity sensor functionality.

SETUP AND ASSEMBLY

1. Remote Control Battery Installation

The remote control requires four 1.5V AA batteries (not included). Use a screwdriver to open the battery compartment cover, insert the batteries according to polarity, and securely close the cover.

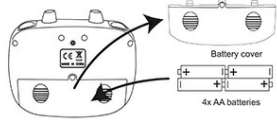
2. Drone Battery Installation and Charging

The drone comes with intelligent batteries. To install, open the battery compartment at the bottom of the drone and connect the battery cable. To charge, use the provided USB charger cable. Connect the charging cable to the battery, then plug the USB end into a power source. Indicator lights on the charger will show charging status (lights off when fully charged).

Product Usage Instruction

Begin by following the installation instructions

- Utilize a screwdriver to open the remote battery cover and insert four new 1.5V AA batteries.
- Securely tighten the battery cover using a screwdriver.
- Insert the battery to the drone and close the battery compartment cover. Ensure that the battery holder clicks into place.



How to charge the battery

- Pick up the USB charger cable and connect the charging cable to the charger for charging.
- Connect the charging cable to the battery.
- The indicator lights on when charging.
- The indicator lights off when fully charged.

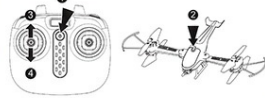


Lastly, maintain the drone with the provided care instructions

- When lights blink indicating low battery, please return drone.
- Avoid outdoor flights in bad weather to prevent crashes.
- Turn off drone when not in use.
- Remove battery from controller when not using.

How to pair the remote control with the drone

- Turn on the remote and drone, indicator flashes rapidly.
- Push to the highest point, then pull to the bottom, and then reset back to the center point.
- The indicator will stay constant when pairing is complete.



How to connect to the WiFi



- Scan the QR code on the manual to download the correct version of SYMA FLY APP for your phone.
- After downloading, You need to pair the remote control with the drone.
- Then connect to WIFI "FPV_WIFI_8B8", Click on SYMA FLY APP, select X60W model in the top left corner.
- Click on START, the screen will show the Real-time display.
- The wifi connection is finished.

Image: Diagram illustrating how to open the remote control battery cover, insert four 1.5V AA batteries, and the steps to charge the drone battery using a USB cable and the indicator light behavior.

3. Propeller Guard Installation

Install the provided propeller guards before flying to protect the blades from damage during collisions. Ensure they are securely attached to each propeller arm.

Your browser does not support the video tag.

Video: A seller-provided video demonstrating the unboxing and assembly of the SYMA X700W drone, including the installation of propeller guards.

OPERATING INSTRUCTIONS

1. Pairing the Remote Control with the Drone

Turn on the drone, and its indicator light will flash rapidly. Next, turn on the remote control. Push the left joystick up to its highest point, then push it down to the lowest point. The indicator light on both the drone and remote will become constant, indicating successful pairing and flight standby mode.

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Video: A seller-provided video demonstrating the pairing process of the SYMA X700W drone with its remote control, followed by manual take-off and landing.

2. Basic Flight Operations

After successful pairing, you can initiate flight. For manual take-off, gently push the left joystick up. To land, gently pull the left joystick down. The drone also supports one-key take-off and landing. Press the dedicated one-key take-off/landing button on the remote control to automatically launch or land the helicopter.



Easy to Control



Image: The SYMA X700W drone in flight, with illustrations for One Button Take-Off/Land, Headless Mode, and Altitude Hold features.

3. App Control and FPV Real-time Transmission

Download the SYMA FLY APP to your smartphone. Connect your phone to the drone's Wi-Fi network (e.g., "FPV_WIFI_D8B8"). Open the app, select the X700W model, and click "START" to view real-time FPV images and control the drone via your phone. The app offers more functions than the remote control, including gravity sensor control.



Image: The SYMA X700W drone highlighting its 1080P FHD FPV Camera, FPV real-time transmission to a smartphone mounted on the remote, and gravity sensor control using the phone.



Image: A smartphone screen showing the First Person View (FPV) from the drone's camera, indicating real-time transmission.



Image: A hand holding a smartphone, tilting it to demonstrate the gravity sensor control feature for the SYMA X700W drone.

4. Advanced Flight Features

- **360° Flips:** Press the 360° flip button on the remote to perform impressive aerial rolls.
- **Trajectory Flight:** Draw a flight path on your smartphone screen within the app, and the drone will automatically follow the defined route.
- **Altitude Hold:** This feature maintains the drone at a consistent height, making it easier to control and capture stable footage.
- **Headless Mode:** In headless mode, the drone's orientation is relative to the pilot, simplifying control regardless of the drone's front-facing direction.
- **Speed Control:** Adjust the flight speed between high and low settings for different flying environments and skill levels.



Image: The SYMA X700W drone demonstrating 3D flips in the air and following a pre-drawn trajectory flight path on a smartphone screen.



Image: A smartphone screen showing a finger drawing a flight path, which the SYMA X700W drone will follow for trajectory flight.



Image: Two SYMA X700W drones in flight, illustrating the high and low speed modes.

MAINTENANCE

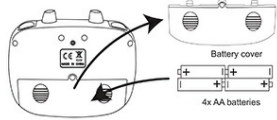
To ensure the longevity and optimal performance of your SYMA X700W drone, follow these general maintenance guidelines:

- When the indicator lights blink, indicating low battery, please return the drone and charge it.
- Avoid outdoor flights in bad weather conditions (e.g., strong winds) to prevent crashes and damage.
- Turn off the drone when not in use.
- Remove batteries from the remote controller when not using it for extended periods.

Product Usage Instruction

Begin by following the installation instructions

- Utilize a screwdriver to open the remote battery cover and insert four new 1.5V AA batteries.
- Securely tighten the battery cover using a screwdriver.
- Insert the battery to the drone and close the battery compartment cover. Ensure that the battery holder clicks into place.



How to charge the battery

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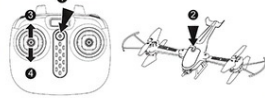


Lastly, maintain the drone with the provided care instructions

- When lights blink indicating low battery, please return drone.
- Avoid outdoor flights in bad weather to prevent crashes.
- Turn off drone when not in use.
- Remove battery from controller when not using.

How to pair the remote control with the drone

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- Push to the highest point, then pull to the bottom, and then reset back to the center point.
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How to connect to the WiFi

- Scan the QR code on the manual to download the correct version of SYMA FLY APP for your phone.
- After downloading, You need to pair the remote control with the drone.
- Then connect to WiFi "FPV_WIFI_8B8", Click on SYMA FLY APP, select X60W model in the top left corner.
- Click on START, the screen will show the Real-time display.
- The wifi connection is finished.



Image: A section from the product usage instructions detailing maintenance tips for the drone.

TROUBLESHOOTING

Issue	Reason	Troubleshooting
Drone does not work	Improper operation, frequency not linked, low-voltage protection, wrong battery/old batteries, multiple collisions causing motor damage.	Power off/on to retune frequency, charge drone, use new 1.5V AA batteries for remote, contact customer service for motor replacement.
Drone unresponsive/out of control	Weak remote power, frequency interference, unstable air pressure, depleted battery, damaged motor.	Change batteries, change location to avoid interference, avoid bad weather, charge drone/use new AA batteries, replace motor.
Cannot connect to APP	Failed to connect to WiFi, outdated app version, improper operation, unknown reasons.	Reconnect to WiFi "FPV_WIFI_73CF", uninstall/reinstall app, check manual/video for operation, contact customer service.

Troubleshooting Solutions for X700W Drone

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_73CF". 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: A table providing troubleshooting solutions for common issues with the SYMA X700W drone, including reasons and corrective actions.

SPECIFICATIONS

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- **Brand:** SYMA
 - **Model Name:** RM
 - **Model Number:** EX700W-BL-B1
 - **Special Features:** Compact design, 360 degree flip, 1080P FPV camera, one key start, altitude hold, gravity sensor, App control
 - **Age Range (Description):** Kid
 - **Color:** Black
 - **Video Capture Resolution:** 1080p
 - **Effective Still Resolution:** 1080
 - **Connectivity Technology:** Wi-Fi
 - **Included Components:** Battery
 - **Skill Level:** Beginner
 - **Battery Capacity:** 500 mAh
 - **Video Capture Format:** MP4
 - **Remote Control Technology:** Bluetooth
 - **Control Type:** Remote Control
 - **Wireless Communication Technology:** Wi-Fi
 - **Battery Cell Composition:** Lithium Ion
 - **Supported Image Format:** JPEG
 - **Video Output Resolution:** 1080 pixels
 - **Optical Sensor Technology:** CMOS
 - **Item Weight:** 2.6 Ounces
 - **Item Dimensions L x W x H:** 8.9"L x 4.9"W x 5.3"H

WARRANTY AND SUPPORT

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

Phone (USA): +1 (718) 312-0558

Email (USA): usa@symatoys.com



Image: SYMA customer service contact details, including phone number and email address for USA support.