

## DBPOWER X400W

# DBPOWER MJX X400W FPV Drone Instruction Manual

MODEL: X400W | BRAND: DBPOWER

## Product Overview

The DBPOWER MJX X400W is an FPV (First Person View) drone equipped with a Wi-Fi camera, headless mode, and a 6-axis gyro for stable flight. This manual provides essential information for safe operation, assembly, and maintenance of your quadcopter.

### Key Features:

- **Headless Mode:** Simplifies flight control by maintaining the drone's forward direction relative to the remote controller, regardless of the drone's orientation.
- **3D Split Screen Display:** Compatible with 3D VR headsets (not included) via the MJX FPV app for an immersive viewing experience.
- **FPV Real-Time Transmission:** Connect your smartphone to the drone via Wi-Fi to view live video feed directly on your device.
- **High Capacity Battery:** Offers approximately 8-9 minutes of flight time with a control range of up to 100 meters.
- **One Key 3D Roll:** Enables easy execution of 3D aerial stunts with a single button press, supported by the 6-axis gyro system for stability.

## Package Contents

Verify that all components are present before proceeding with assembly and operation.

- DBPOWER MJX X400W FPV Drone
- Remote Controller (Transmitter)
- Wi-Fi Camera Module
- USB Charging Cable
- Spare Propellers (4 pieces)
- Propeller Guards (4 pieces)
- Landing Gear (4 pieces)
- Screwdriver
- Instruction Manual



Image: DBPOWER MJX X400W FPV Drone and Remote Controller showing all main components.

Your browser does not support the video tag.

Video: This video demonstrates the unboxing and initial setup process, including identifying the various components of the DBPOWER MJX X400W drone.

## Setup

### 1. Install Landing Gear

Attach the four pieces of landing gear to the underside of the drone. Secure each piece with the provided screws using the small screwdriver.

### 2. Attach Propeller Guards

For beginner pilots, it is highly recommended to install the propeller guards to protect the blades from damage during initial flights. Gently snap each guard onto the motor arms, ensuring they are securely fastened.

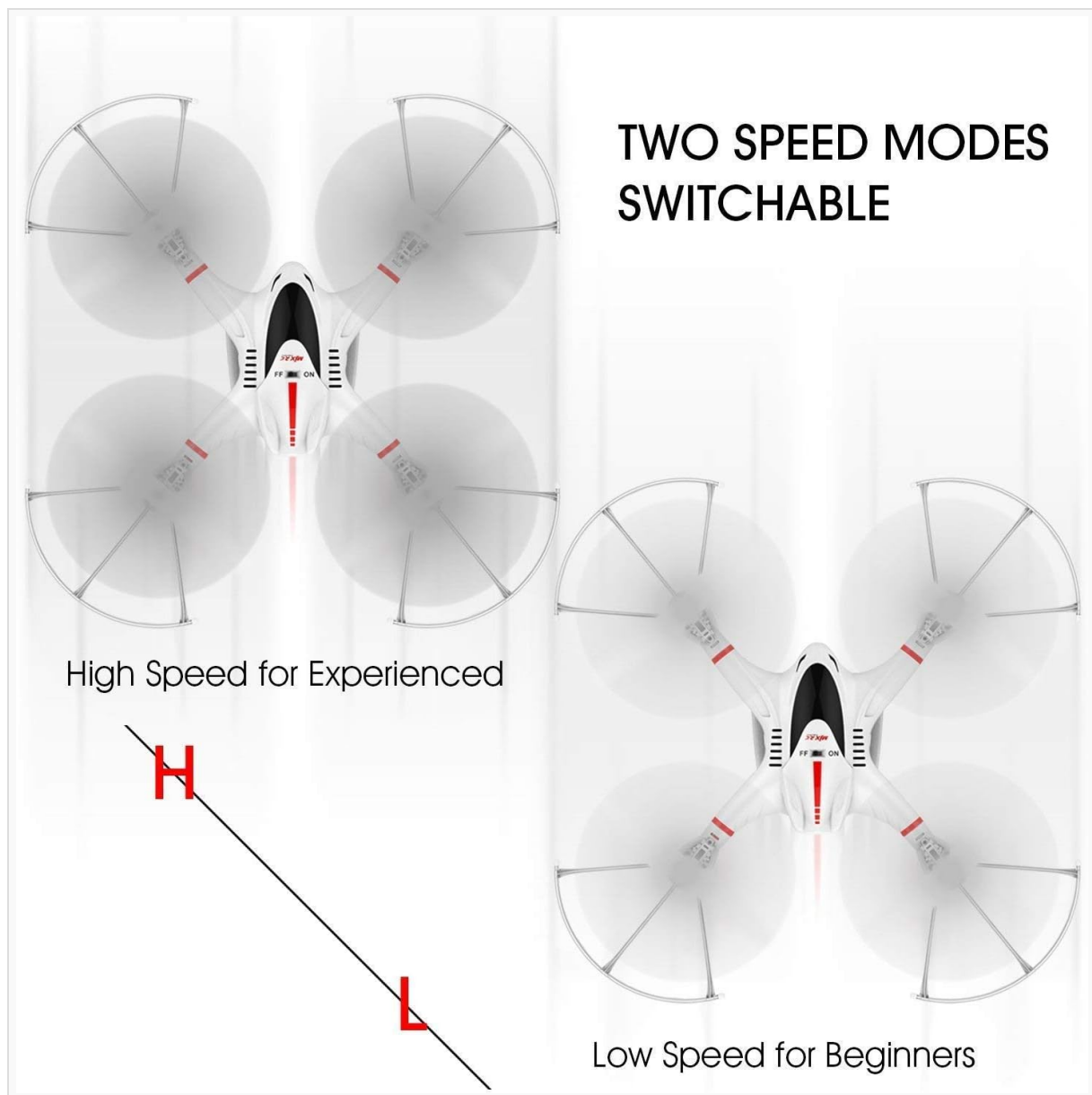


Image: Close-up of the propeller guards, designed to protect the drone's blades.

### 3. Install Wi-Fi Camera

Carefully slide the camera module into its designated slot on the drone's underside. Connect the camera cable to the drone's port. Ensure the connection is firm.



## 3D VIEW MODE

Compatible with VR Headset (Not included)



Image: The detachable Wi-Fi camera module for the drone.

- 1 Connect to Camera WIFI  
Signal: MJX\_H\_C4005\_\*\*\*\*  
(No Pass Word Needed)



- 2 Follow the instruction to  
download APP: MJX\_H



- 3 Open the APP.



- 4 Enter the Monitor interface.



Image: The camera module securely attached to the drone's underside.

#### 4. Charge the Drone Battery

Connect the drone's battery to the USB charging cable. Plug the USB cable into a compatible USB power source (e.g., computer, USB wall adapter). The indicator light on the charger will typically show red for charging and turn off or green when fully charged. Ensure the battery is fully charged before first use for optimal flight performance.





# REAL TIME TRANSMISSION

Start Your Birds View with the HD WIFI Camera



Image: The drone's high-capacity battery and its dedicated USB charging cable.

## 5. Install Remote Controller Batteries

The remote controller requires 4 AA batteries (not included). Open the battery compartment on the back of the remote and insert the batteries, observing correct polarity. Close the compartment securely.



# 3D FLIPS&ROLLS

Automatic Flip Function Brings Much More Fun to Your Flight.



Image: The remote controller (transmitter) for the DBPOWER MJX X400W drone.

## 6. Install Phone Holder (Optional)

If you plan to use the FPV feature, attach the phone holder to the top of the remote controller. Secure your smartphone in the holder, ensuring it is stable and does not obstruct any controls.

## Flight Operation

### 1. Power On and Pairing

Place the drone on a flat, level surface. Turn on the drone's power switch. The indicator lights on the drone will flash. Turn on the remote controller. Push the left joystick (throttle) all the way up, then all the way down. The remote will emit a beep, and the drone's lights will become solid, indicating successful pairing.

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Video: This short video demonstrates how to initiate hovering and basic control of the drone using the transmitter.

## 2. App Connection for FPV

Download the "MJX FPV" app from your smartphone's app store (iOS/Android). Turn on the drone. On your phone, connect to the drone's Wi-Fi network (e.g., "MJX\_H\_C4005\_XXXX"). Open the MJX FPV app and enter the monitor interface to view the live video feed from the drone's camera.

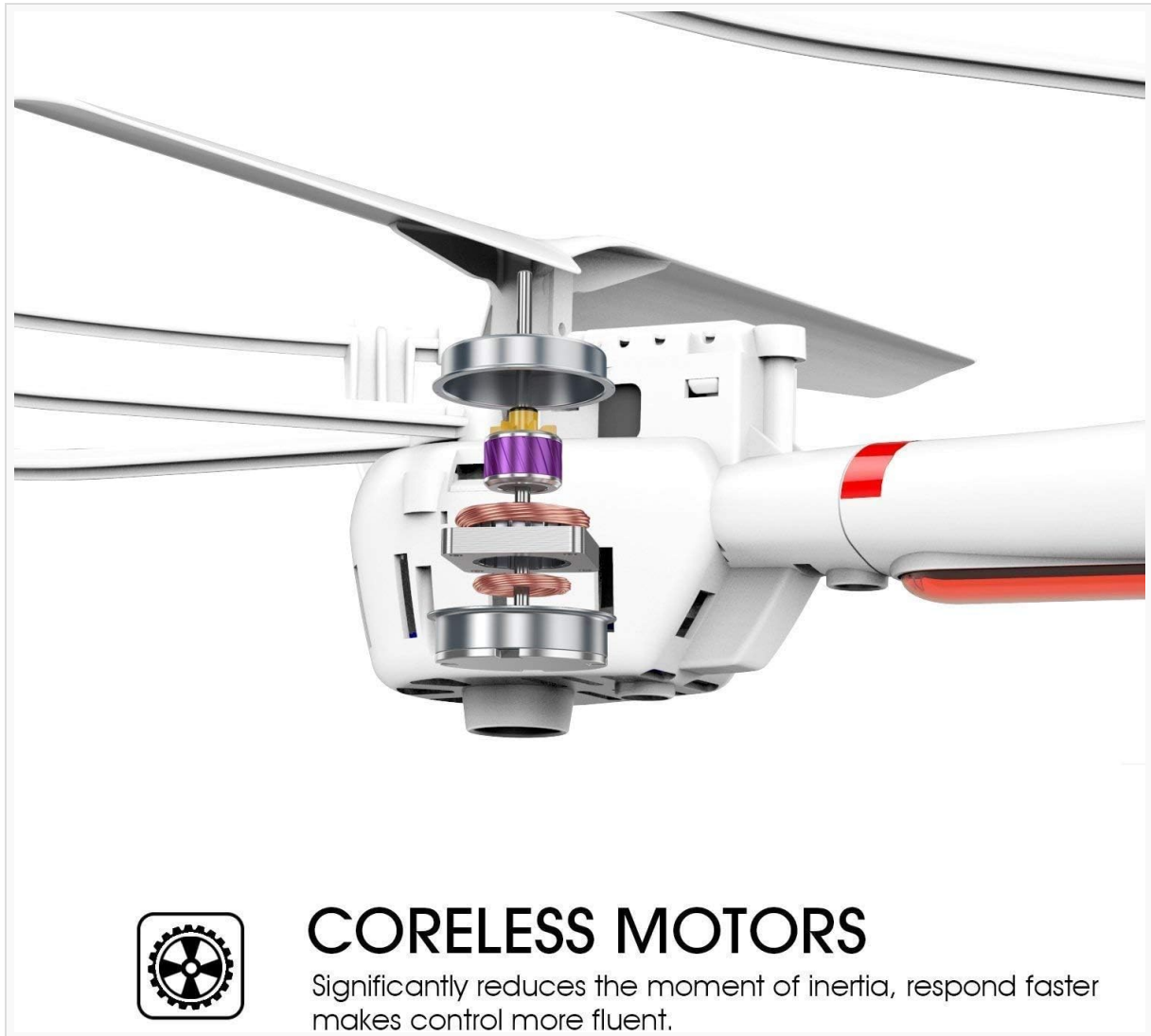


Image: Step-by-step guide for connecting your smartphone to the drone's FPV camera via the MJX FPV app.





# DRONE FOR BEGINNERS

Easy control to call it back, no need worry about direction.

Headless Mode



One Key Return



Image: A demonstration of the FPV real-time video transmission from the drone to a smartphone.

### 3. Basic Flight Controls

**Take-off:** Gently push the left joystick (throttle) up to lift off. To land, slowly pull the left joystick down.

**Directional Control:** Use the right joystick to move the drone forward, backward, left, and right.

**Headless Mode:** Activate Headless Mode by pressing the dedicated button on the remote. In this mode, the drone's forward direction aligns with the remote controller's forward direction, simplifying orientation. Press again to exit Headless Mode.



# HEADLESS MODE

Easy Operation Mode, No Worry about Orientation.

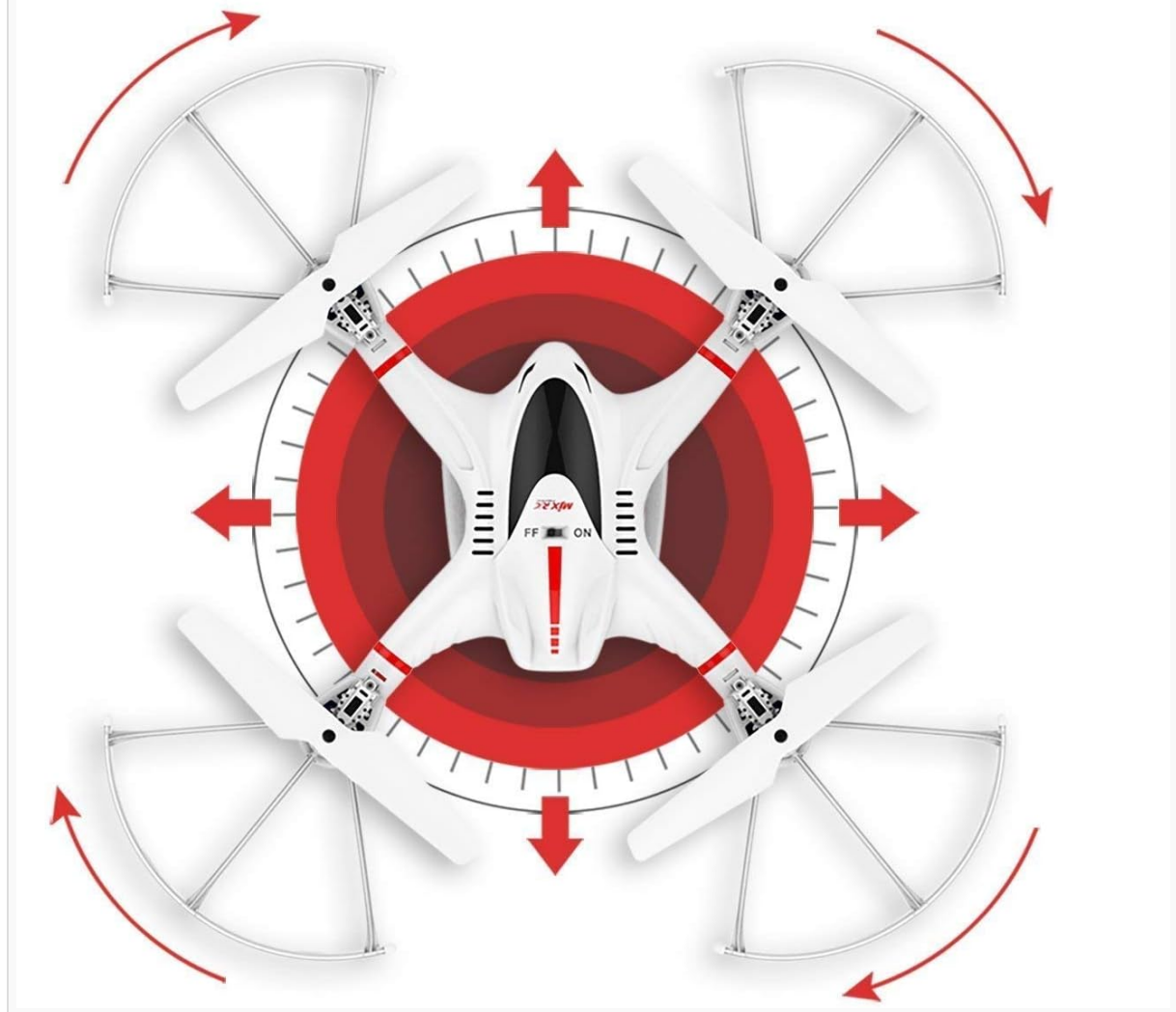


Image: Diagram explaining the concept and operation of Headless Mode for simplified drone control.

## 4. 3D Flips and Rolls

To perform a 3D flip, press the 3D roll button on the remote, then quickly push the right joystick in any desired direction (forward, backward, left, or right). The drone will execute a 360-degree flip in that direction.



# 3D FLIPS&ROLLS

Automatic Flip Function Brings Much More Fun to Your Flight.



Image: Visual representation of the drone executing 360-degree flips and rolls.

## 5. Speed Modes

The drone features two speed modes: low speed for beginners to practice control, and high speed for experienced pilots seeking more agile maneuvers. Use the speed switch on the remote to toggle between these modes.





Image: Diagram illustrating the two switchable speed modes for the drone.

## **6. 3D View Mode (VR Headset Compatible)**

For an immersive flight experience, activate 3D View Mode within the MJX FPV app. This mode is compatible with various VR headsets (not included), allowing you to see the drone's perspective in a split-screen format.



# DRONE FOR BEGINNERS

Easy control to call it back, no need worry about direction.

Headless Mode



One Key Return



Image: A user experiencing the 3D View Mode with a VR headset, showing the drone in flight.

## Maintenance

Proper care and maintenance will extend the lifespan and ensure optimal performance of your DBPOWER MJX X400W drone.

- **Cleaning:** Use a soft, dry cloth to clean the drone and remote controller. Avoid using solvents or harsh chemicals that could damage components.
- **Propeller Inspection:** Regularly check all propellers for any signs of damage, such as cracks, bends, or chips. Replace any damaged propellers immediately using the provided spare parts and screwdriver to maintain flight stability and safety.
- **Battery Care:** Do not overcharge or over-discharge the battery. Always use the original USB charging cable. Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- **Storage:** When not in use for extended periods, remove batteries from both the drone and the remote controller. Store the drone in its original packaging or a protective case to prevent dust accumulation and physical damage.

## Troubleshooting Guide



Refer to this guide for common issues and their solutions.

| Problem                               | Possible Cause                                  | Solution  |
|---------------------------------------|---|---|
| Drone does not respond to remote.     | Not paired; low battery in remote or drone.     | Ensure drone and remote are powered on and paired correctly. Charge drone battery; replace remote batteries.          |
| Drone drifts during flight.           | Not calibrated; uneven surface during take-off. | Perform gyroscope calibration on a flat surface. Adjust trim controls on the remote.                                  |
| FPV feed is unstable or disconnected. | Weak Wi-Fi signal; interference.                | Ensure phone is connected to drone's Wi-Fi. Fly within recommended range. Close other apps on phone.                  |
| Short flight time.                    | Battery not fully charged; old battery.         | Fully charge the battery before each flight. Consider purchasing new batteries if performance degrades significantly. |
| Propellers not spinning correctly.    | Damaged propellers; debris in motors.           | Inspect and replace damaged propellers. Clear any obstructions from motors.   |

## Technical Specifications

| Feature                  | Detail  |
|--------------------------|---|
| Brand                    | DBPOWER (MJX)   |
| Model Name               | MJX X400W   |
| Control Frequency        | 2.4GHz  |
| Gyroscope                | 6-Axis  |
| Special Features         | FPV-capable, Headless Mode, 3D Roll, Wi-Fi Connectivity |
| Video Capture Resolution | 1080p (Note: Some models may feature 480p camera)       |
| Maximum Control Range    | Approximately 100 meters                                |
| Flight Time              | Approximately 8-9 minutes                               |
| Battery Type             | Lithium Polymer (LiPo)                                  |
| Battery Capacity         | 750 Milliamp Hours                                      |
| Remote Control Batteries | 4 x AA batteries (not included)                         |
| Dimensions               | 11.81"L x 11.81"W x 2.95"H                              |
| Item Weight              | 1.65 Pounds   |
| Recommended Age          | 14+ years   |

## Warranty and Customer Support



DBPOWER offers a 12-month warranty for this product. For warranty activation or customer service inquiries, please refer to the contact information provided in the product packaging or visit the official DBPOWER website.



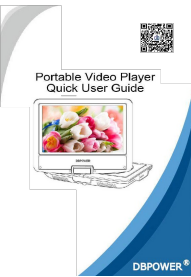
Contact Information:

- Email: support@dbpower.co
- Phone: 1-855-888-9988 (Mon-Fri, 9:00 AM - 5:00 PM PST)

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## Related Documents - X400W

|  |  |
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|    | <p><a href="#">DBPOWER L22 Mini LCD Video Projector User Manual</a></p> <p>User manual for the DBPOWER L22 Mini LCD Video Projector, covering setup, operation, connections, and features.</p>   |
|   | <p><a href="#">DBPOWER RD-823 Mini LCD Video Projector User Manual</a></p> <p>Comprehensive user manual for the DBPOWER RD-823 Mini LCD Video Projector, covering setup, connections, settings, screen mirroring, installation, and technical features. Learn how to connect devices, adjust settings, and optimize your viewing experience.</p> |
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