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› HYTOBP M°max Foldable FPV Drone User Manual

HYTOBP M°max

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Model: M°max

1. PRODUCT OVERVIEW

The HYTOBP M°max Foldable FPV Drone is equipped with a 1080P HD camera and a brushless motor, designed for ease of use for beginners and adults. It features one-button take-off, headless mode, and 360° flips for an engaging flight experience. The drone's foldable design enhances portability.



Image: The HYTOBP M°max Foldable FPV Drone in flight, showcasing its design and camera.

2. WHAT'S IN THE BOX

Verify that all components are present in the package:

- M°max Drone x1
- Remote Control x1
- Batteries x3
- User Manual x1
- USB Cable x1
- Screwdriver x1
- Spare Main Fan Blades x4
- Blade Screws x4

- Storage Bag x1

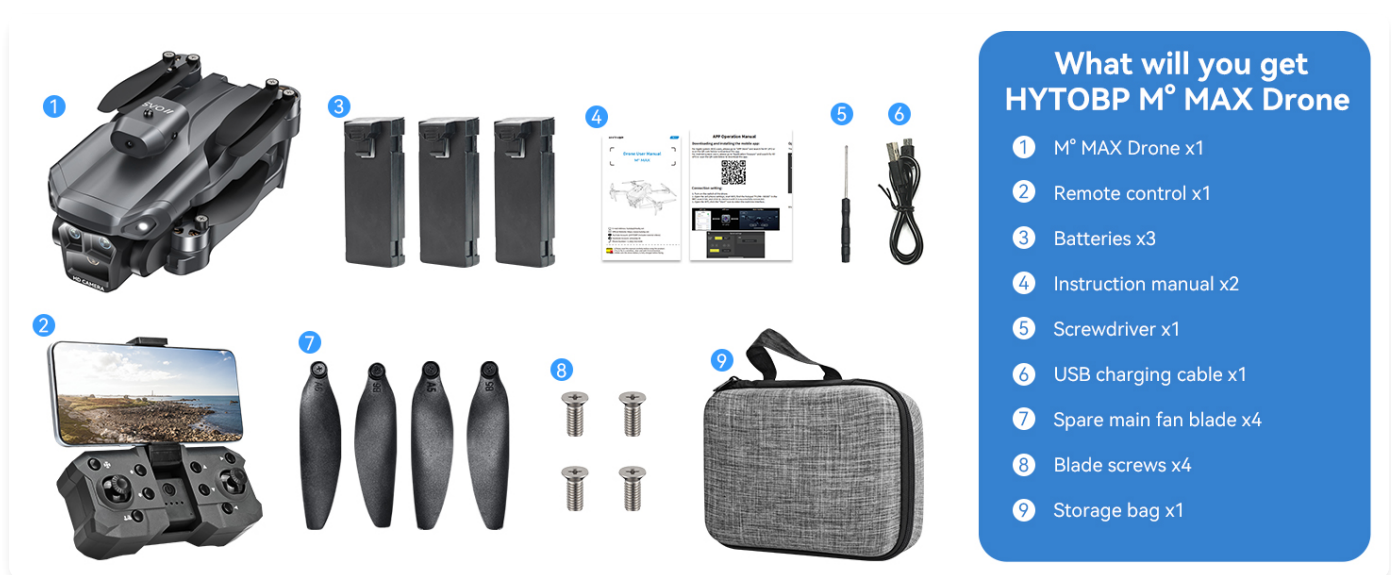


Image: A visual representation of all items included in the HYTOBP M°max Drone package.

3. SETUP GUIDE

3.1 Battery Installation and Charging

1. **Drone Battery:** Insert the drone battery into the designated compartment. Ensure it clicks into place securely.
2. **Remote Control Batteries:** Install the required batteries into the remote control.
3. **Charging:** Fully charge the drone batteries using the provided USB cable and a standard 5V 2A charging adapter. The red light will illuminate during charging and turn off when fully charged.

3.2 App Installation and Connection

1. Scan the QR code provided in the manual to download the drone application. Ensure you download the latest version.
2. Grant necessary permissions (local network access, positioning, photo album access) when prompted during app installation.
3. Connect your phone to the drone's Wi-Fi network.
4. Open the installed app and wait for the connection to establish.

3.3 Pre-Flight Checks

- Ensure the drone and remote control are fully charged.
- Pair the remote control and the drone to the frequency.
- Place the drone on a flat, level surface for initial take-off to ensure stable flight.
- Check propellers for any damage or deformation.



Easy Get Started

HYTOBP M° MAX Drone is suitable for all ages. Easy remote control use, one button take-off and landing is especially suitable for beginners to practice.

Image: A user preparing the HYTOBP M°max Drone for flight, demonstrating ease of setup.

4. OPERATING INSTRUCTIONS

4.1 Basic Flight Controls

- **One-Button Take-Off/Landing:** Press the designated button on the remote control for automatic take-off or landing.
- **Altitude Hold:** The drone maintains a stable altitude automatically, simplifying control.
- **Headless Mode:** In headless mode, the drone's orientation is relative to the pilot, eliminating the need to adjust its position before flight.
- **Adjustable 3 Speeds:** The drone offers three speed settings (2M/s, 4M/s, 7M/s) to accommodate different skill levels. The first speed is recommended for beginners.



One Button Take-off



Headless Mode



Trajectory Flight

Image: Illustrations of One Button Take-off, Headless Mode, and Trajectory Flight features.



Image: The drone demonstrating its three adjustable speed settings for varied flight techniques.

4.2 Advanced Flight Features

- **360° Flips (3D Rotation):** Execute impressive aerial maneuvers with the 360° flip function.

- **Gesture Control:** Use specific hand gestures to control the drone for photos or videos.
- **Optical Flow Positioning:** This feature helps the drone maintain its position stably, especially indoors or in areas with good ground texture.
- **Waypoints Fly:** Plan a flight path on the app interface, and the drone will automatically follow the designated route.



Image: The drone performing a 3D flip and following a pre-set waypoint flight path.



3D Rotation



Altitude Hold



Gesture Control

Image: Visuals illustrating 3D Rotation, Altitude Hold, and Gesture Control capabilities.

4.3 Camera Operation

- The drone features an **Adjustable Triple Camera** system, including a 1080P HD main camera and an overhead camera.
- The main camera has a **90° Electric Adjustment Angle**, allowing you to change the camera's perspective during flight via the remote or app.
- Utilize the FPV (First Person View) real-time transmission feature to view live footage from the drone's camera on your connected smartphone.

Adjustable Triple Camera

Create Multiple Perspectives



Flat Shooting



Overhead Shooting

Image: The drone's adjustable triple camera system, showing options for flat and overhead shooting.

Drone with Camera 1080P FPV Real-Time Transmission



90° Electric Adjustment Camera

Optical Flow Positioning

Image: The drone's 1080P FPV camera with 90° electric adjustment and optical flow positioning.

5. MAINTENANCE

5.1 Propeller Care

- Regularly inspect propellers for any signs of damage, cracks, or deformation.
- Replace damaged propellers immediately using the provided spare blades and screwdriver.
- Ensure all blade screws are securely fastened before each flight.

5.2 Battery Care

- Always use the provided USB cable and a compatible 5V 2A adapter for charging.
- Do not overcharge or completely discharge the batteries.
- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- If batteries show signs of swelling or damage, discontinue use and dispose of them properly.



Image: Three drone batteries, emphasizing the provision for longer flight durations.

5.3 General Cleaning

- Wipe the drone's body with a soft, dry cloth after use to remove dust and debris.
- Avoid exposing the drone to water or excessive moisture.

6. TROUBLESHOOTING

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

Q&A

No response when remote controlling the drone	(1) Fully charge the drone battery and install the remote control batteries before use. (2) Please pair the remote control and the drone to the frequency.
Battery can not be charged/ The battery is not working.	(1) Use standard charging plug, 5V 2A charging adapter and original charging cable to charge. (2) The red light will light up when charging, and the indicator light on the battery will go out after fully charged.
APP can not connect to the drone.	(1) Please scan the QR code to download the drone App and check if there is a new version, if so, please update to the latest version. (2) If prompted for permissions when installing the App, please click allow, the main permissions are [local network access, positioning permissions, photo album access]. (3) First open the cell phone settings to connect to the drone's WiFi, after successful connection, then open the downloaded and installed App, and wait for the connection.
The drone can't avoid obstacles.	(1) It is recommended to turn on this function indoors, and after turning on this function, the drone will change to low-speed flight, and the drone will emit a "bibi" sound when it detects an obstacle in front of it. (2) The obstacle avoidance function must be turned on manually, low-speed mode can realize obstacle avoidance, but medium and high speed mode and return flight have no obstacle avoidance function. (3) This function can only recognize obstacles and prompt sound and brake, it can't bypass obstacles.
The drone flies in one direction or cannot be controlled normally when taking off.	(1) Please land the drone immediately to check if the wind blades are deformed. (2) Please try to choose a windless environment for flying. (3) The drone can't recognize the direction of the drone correctly in the air, which will lead to uncontrolled control of the drone, you can switch to headless mode.

Image: A Q&A table addressing frequently asked questions and troubleshooting steps for the drone.

Issue	Solution
No response when remote controlling the drone	1. Fully charge the drone battery and install the remote control batteries. 2. Pair the remote control and the drone to the frequency.
Battery cannot be charged / The battery is not working	1. Use a standard charging plug (5V 2A adapter) and the original charging cable. 2. The red light will illuminate during charging, and the indicator light on the battery will turn off when fully charged.
APP cannot connect to the drone	1. Scan the QR code to download the drone App and update to the latest version if necessary. 2. If prompted for permissions when installing the App, click allow for all main permissions (local network access, positioning permissions, photo album access). 3. First, open the cell phone settings to connect to the drone's WiFi. After successful connection, open the downloaded and installed App and wait for connection.
The drone cannot avoid obstacles	1. It is recommended to turn on this function indoors. When on, the drone will change to low-speed flight and emit a 'bibi' sound when detecting an obstacle. 2. The obstacle avoidance function must be turned on manually. Low-speed mode can realize obstacle avoidance, but medium and high-speed modes have no obstacle avoidance function. 3. This function can only recognize obstacles and prompt sound and brake; it cannot bypass obstacles.
The drone flies in one direction or cannot be controlled normally when taking off	1. Please land the drone immediately to check if the wind blades are deformed. 2. Please try to choose a windless environment for flying. 3. If the drone cannot recognize its direction correctly in the air, switch to headless mode.

7. SPECIFICATIONS

Feature	Detail
Brand	HYTOBP
Model Name	M°max
Age Range (Description)	Adult
Color	Black
Video Capture Resolution	1080p
Connectivity Technology	USB
Included Components	Battery, Remote Control, USB Cable, User Manual
Battery Capacity	2000 Milliamp Hours
Video Capture Format	MP4
Remote Control Technology	RF
Control Type	Remote Control
Wireless Communication Technology	Radio Frequency (RF)
Batteries Included?	Yes
Video Output Resolution	1920x1080 Pixels
Includes Remote?	Yes
Optical Sensor Technology	CMOS, CCD
Includes Rechargeable Battery	Yes
Media Type	SD
Material	Plastic

8. WARRANTY AND SUPPORT

HYTOBP is committed to providing high-quality products and satisfactory after-sales service to customers worldwide. Our drones are designed for easy operation, safe flight, and long flight times.

8.1 Contact Information

For support or warranty inquiries, please contact us:

- **Phone:** +1(617)259-4732
- **Email:** hytobp@htwlkj.net



Image: HYTOBP customer support team ready to assist with inquiries.

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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

Anonymous

Email

you@example.com

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

Example: How do I reset this device or fix this error?

Details

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

Submit question