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4DRC M3

4DRC M3 Drone User Manual

Model: M3

Brand: 4DRC

1. INTRODUCTION

Thank you for purchasing the 4DRC M3 Drone. This drone is designed for both adults and kids, offering an enjoyable and easy-to-fly experience with its 1080P HD camera and various intelligent flight modes. Please read this manual thoroughly before operating the drone to ensure safe and optimal performance.

2. SAFETY GUIDELINES

Always prioritize safety during operation. Failure to follow these guidelines may result in injury or damage to the drone.

- **Age Recommendation:** This drone is recommended for users aged 8 years and up.
- **Environment:** Fly in open, clear areas away from people, animals, buildings, and obstacles. Avoid flying in strong winds or adverse weather conditions.
- **Line of Sight:** Always maintain visual line of sight with the drone during flight.
- **Battery Safety:** Use only original batteries and chargers. Do not overcharge or puncture batteries. Discontinue use if batteries are damaged or swollen.
- **Propellers:** Keep fingers, hair, and loose clothing away from rotating propellers.
- **Interference:** Avoid flying near sources of strong electromagnetic interference.
- **Responsibility:** The user is responsible for safe operation and compliance with local regulations.

3. INCLUDED COMPONENTS

The 4DRC M3 Drone package includes the following items:

- 4DRC M3 Drone
- Remote Control
- 2 x Lithium Ion Batteries



Image: The 4DRC M3 Drone, its remote control, and two modular batteries.

4. PRODUCT OVERVIEW

The 4DRC M3 Drone features a sleek design with integrated propeller guards for enhanced safety. It is equipped with a 1080P HD camera for capturing aerial photos and videos.

720P HD CAMERA



Image: A detailed view of the drone's front, highlighting the 1080P HD camera lens. Note: While the image indicates 720P, the product features a 1080P HD camera.

2.4GHZ Remote



Image: The 2.4GHz remote control with a smartphone attached, used for FPV and app control.

5. SETUP

5.1 Battery Installation and Charging

The drone comes with two modular Lithium Ion batteries, providing extended flight time.

1. Insert a charged battery into the drone's battery compartment until it clicks into place.
2. To charge, connect the battery to the provided USB charging cable and plug it into a USB power source (e.g., computer, USB wall adapter).
3. Charging time is approximately [Insert specific time if available, otherwise omit]. The indicator light will change when fully charged.



Image: The drone's modular battery system, offering up to 30-32 minutes of flight time with two batteries.

5.2 Remote Control Setup

Install 3 AAA batteries (not included) into the remote control. Ensure correct polarity.

5.3 App Installation and Connection

Download the official 4DRC app from your smartphone's app store (iOS/Android). The app enables FPV (First Person View) and advanced control features.

1. Power on the drone.
2. Go to your smartphone's Wi-Fi settings and connect to the drone's Wi-Fi network (usually named "4DRC-M3-XXXXXX").
3. Open the 4DRC app. The live video feed from the drone's camera should appear, indicating a successful connection.

Real-time Transmission

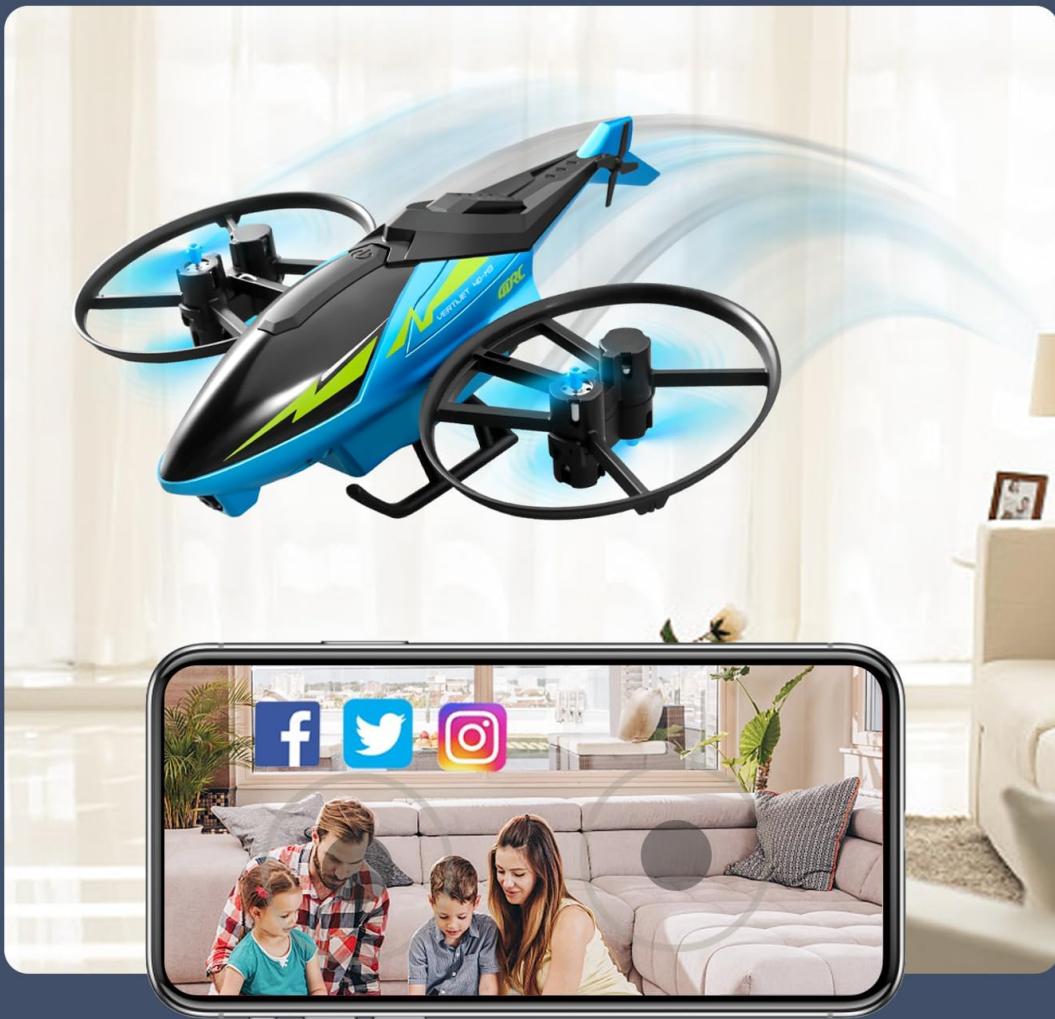


Image: Real-time video transmission from the drone to a smartphone, allowing for FPV and easy sharing.

6. OPERATING THE DRONE

6.1 Basic Flight Controls

- **One Key Start/Landing:** Press the One Key Start button on the remote or in the app to automatically take off or land.
- **Altitude Hold:** The drone will automatically maintain a certain altitude, making it easier to control for beginners.
- **Headless Mode:** In Headless Mode, the drone's orientation is relative to the pilot, eliminating the need to adjust its position before flight.

Headless Mode



Image: Headless Mode simplifies flight by removing the need to orient the drone relative to its front.

6.2 Advanced Flight Features

- **3D Flips:** Press the 3D Flip button on the remote and move the right joystick in any direction to perform an exciting 360-degree flip.
- **Trajectory Flight (Waypoints):** In the app interface, draw a desired flight path, and the drone will automatically follow it.
- **Circle Fly:** The drone can perform a circular flight path around a central point.
- **Speed Modes:** The drone offers multiple speed modes (Low, Medium, High) to suit different skill levels and environments.

3D Flips



Image: The drone executing a 3D flip, a dynamic stunt for experienced pilots.

EASY TO FLY

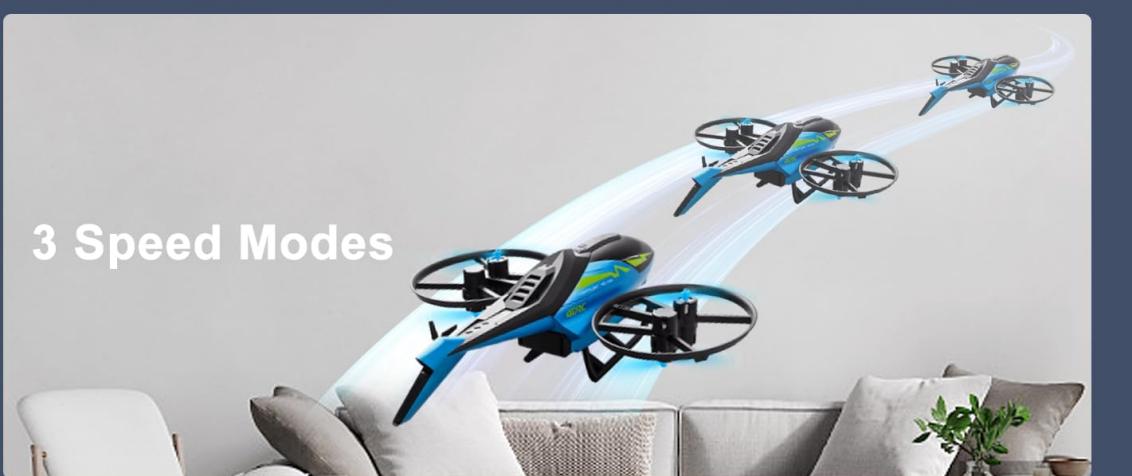


Image: Demonstrates the drone's "Circle Fly" feature and its three adjustable speed modes for varied flight experiences.

6.3 Camera Operation

The 1080P HD camera allows for high-quality photo and video capture directly to your smartphone via the app.

- **Real-time FPV:** View the drone's perspective live on your smartphone screen.
- **Gesture Control:** Use specific hand gestures to trigger photo or video recording without touching your phone.
- **VR Mode:** Experience an immersive first-person view by using compatible VR goggles (not included) with the app.

Your browser does not support the video tag.

Video: Official demonstration of the 4DRC M3 drone's features, including one-key take-off, fixed high hover, real-time transmission, HD camera, module battery, gesture photo/video, safety protection, gravity sensor, 3 speed modes, 360° flips, trajectory flight, and one-key landing.

7. MAINTENANCE

Regular maintenance ensures the longevity and performance of your 4DRC M3 Drone.

- **Cleaning:** Gently wipe the drone with a soft, dry cloth after each use. Avoid using water or harsh chemicals.
- **Propeller Inspection:** Regularly check propellers for any damage (cracks, bends). Replace damaged propellers immediately to ensure stable flight.
- **Battery Care:** Store batteries in a cool, dry place. Do not store fully charged or completely depleted batteries for extended periods.
- **Storage:** When not in use, store the drone and remote control in a safe, dry environment, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

If you encounter issues with your 4DRC M3 Drone, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Drone does not respond to remote.	Not paired; low battery on remote or drone.	Ensure drone and remote are powered on and paired. Charge/replace batteries.
Drone cannot take off or flies unstably.	Propellers damaged; calibration needed; uneven surface for takeoff.	Check and replace damaged propellers. Perform gyroscope calibration (refer to app instructions). Take off from a flat surface.
No FPV video feed in app.	Wi-Fi not connected; app not open.	Ensure phone is connected to drone's Wi-Fi. Restart app and drone.
Short flight time.	Battery not fully charged; old battery.	Fully charge battery before use. Consider replacing old batteries.

9. SPECIFICATIONS

Feature	Detail
Brand	4DRC
Model Name	M3
Video Capture Resolution	1080p
Connectivity Technology	Wi-Fi
Skill Level	Beginner
Battery Type	Lithium Ion (2 included)
Flight Time	Up to 30-32 minutes (with 2 batteries)
Product Dimensions	8"L x 6"W x 8"H
Item Weight	11.3 ounces

Feature	Detail
Recommended Age	8 years and up
Special Features	360 Degree Flip, One Key Rotation, Speed Adjustment, First Person View (FPV), Long Battery Life, Headless Mode, Altitude Hold, Trajectory Flight, Gesture Control

10. WARRANTY AND SUPPORT

4DRC is committed to providing excellent product support. If you encounter any issues or have questions regarding your M3 Drone, please contact our customer service team. Refer to the product packaging or the official 4DRC website for specific warranty details and contact information.

Product Support is Available Without Worrying!

For further assistance, please visit the [4DRC Store on Amazon](#).

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