UranHub DR-UHM10B

UranHub M10 Mini Drone Instruction Manual

Model: DR-UHM10B | Brand: UranHub

1. INTRODUCTION AND OVERVIEW

The UranHub M10 Mini Drone is designed for ease of use and enjoyment, particularly for beginners and children. It features multiple flight modes, colorful LED lighting effects, and a durable design for enhanced safety and longevity.

- **5 Colorful RGB Lighting Effects:** Equipped with 24 RGB LEDs, offering 5 distinct visual effects by switching color and speed.
- **Extended Flight Time:** Includes 2 modular batteries, providing up to 22 minutes of total flight time.
- **Safety Protection:** Features 4 durable propeller guards and is constructed from high-quality ABS material to withstand impacts.
- **User-Friendly Controls:** Simple one-button takeoff/landing, 'Throw to Go' launch, Altitude Hold, Headless Mode, and 3-speed settings.

Image: The UranHub M10 Mini Drone, its remote control, spare propellers, and two modular batteries.

2. WHAT'S IN THE BOX

Please ensure all components are present upon unboxing:

- UranHub M10 Mini Drone
- Remote Control
- Modular Batteries (x2)
- Spare Propellers (x4)
- Propeller Protection Frame (pre-installed)
- Micro-USB Charging Cable
- Quick Start Guide

EVERY LAUNCH IS A SCIENCE LESSON

Image: All components included in the UranHub M10 Mini Drone package.

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3. SETUP

3.1 Battery Installation and Charging

1. **Drone Battery:** Insert a charged modular battery into the drone's battery compartment. Ensure it clicks securely into place.
2. **Remote Control Batteries:** The remote control requires 3 AAA batteries (not included). Open the battery compartment on the back of the remote and insert the batteries, observing polarity.
3. **Charging:** Use the provided Micro-USB cable to charge the drone's modular batteries. Connect the cable to a USB power source. The indicator light on the cable will show charging status (e.g., red for charging, off for fully charged).

3.2 Remote Pairing and Calibration

1. Place the drone on a flat, level surface.
2. Turn on the drone by pressing its power button. The LED lights will flash.
3. Turn on the remote control.

4. Push the left joystick up and then down. The drone's lights will become solid, indicating successful pairing.

5. To calibrate, push both joysticks down and to the right simultaneously until the drone's lights flash and then become solid again. This ensures stable flight.

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Video: A first-use guide demonstrating the setup and initial pairing of the UranHub M10 Mini Drone.

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4. OPERATING INSTRUCTIONS

4.1 Takeoff and Landing

- **One-Key Takeoff:** After pairing and calibration, press the one-key takeoff button on the remote. The drone will automatically ascend and hover.
- **Throw to Go:** Gently toss the drone into the air after pairing. It will automatically stabilize and hover.
- **One-Key Landing:** Press the one-key landing button on the remote. The drone will slowly descend and land automatically.

4.2 Flight Modes and Special Features

- **3-Speed Modes:** Adjust flight speed (low, medium, high) using the speed button on the remote to match your skill level.
- **Altitude Hold:** The drone will maintain a stable altitude automatically, allowing for easier control.
- **Headless Mode:** In this mode, the drone's orientation is relative to the pilot, eliminating the need to adjust its position before flying.
- **3D Flip:** Press the 3D flip button and move the right joystick in any direction to perform aerial stunts.
- **Circle Fly:** Activate this mode to make the drone fly in a circular path.
- **5 Lighting Modes:** Cycle through different colorful RGB LED lighting effects using the dedicated light mode button.

Image: The drone displaying its various lighting effects.

Image: Visual representation of Headless Mode, Altitude Hold, and 3 Speed Modes.

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Video: A guide explaining the functionality of Headless Mode.

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5. MAINTENANCE

5.1 Battery Care

- Always use the original charging cable provided.
- Do not overcharge batteries. Disconnect once fully charged.
- Store batteries in a cool, dry place away from direct sunlight.

5.2 Propeller Replacement

If a propeller is damaged, replace it with a spare from the package. Carefully remove the damaged propeller and install the new one, ensuring it is securely attached.

5.3 Cleaning

Use a soft, dry cloth to clean the drone. Avoid using water or harsh chemicals.

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6. TROUBLESHOOTING

- **Drone not responding:** Ensure both drone and remote are powered on and successfully paired. Re-pair if necessary.
- **Unstable flight/drifting:** Perform calibration on a flat surface. Check for damaged propellers and replace if needed.
- **Short flight time:** Ensure batteries are fully charged. Battery performance may decrease over time; consider replacing old batteries.
- **Propellers not spinning:** Check for obstructions (e.g., hair, debris) around the propeller shafts. Ensure batteries are charged.
- **Lights not working:** Check if the drone is powered on and if the light mode button has been pressed.

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7. SPECIFICATIONS

Feature	Specification

Brand	UranHub
Model Name	DR-UHM10B
Age Range (Description)	8 years and up
Color	Blue
Connectivity Technology	Wi-Fi
Skill Level	Beginner
Battery Capacity	900 Milliamp Hours
Remote Control Technology	IR
Material	ABS
Product Dimensions	5.28"L x 5.43"W x 1.34"H
Item Weight	11.3 ounces
UPC	810089906434

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the product packaging or contact UranHub directly through their official website or customer service channels.