**RotorLogic RC231**

# DJI RC-N1(RC231) Remote Controller User Manual
### MODEL: RC231

## 1. Introduction

This manual provides detailed instructions for the operation and maintenance of your RotorLogic DJI RC-N1(RC231) Remote Controller. This remote controller is designed for use with various DJI drones, including the Mavic 3, Air 2, Air 2S, Mini 3, Mini 2, and Mini SE. It offers intuitive controls and multiple flight modes to enhance your drone piloting experience.



Figure 1: DJI RC-N1(RC231) Remote Controller Overview

The image displays the top surface of the DJI RC-N1(RC231) Remote Controller. Visible features include the two control sticks, the DJI logo, the function (Fn) button, the camera/video mode switch button, the power button, the flight mode switch (Cine, Normal, Sport), and four LED battery indicator lights.

## 2. What's in the Box

Your DJI RC-N1(RC231) Remote Controller package includes the following items:

- DJI RC-N1(RC231) Remote Controller
- Two (2) Control Sticks

*Note: This remote controller does not include retail packaging or RC cables.*

## 3. Product Features

The DJI RC-N1(RC231) Remote Controller is equipped with several features designed for ease of use and optimal control:

- **Integrated Phone Holder:** A neat feature at the top allows you to slide out a holder to securely mount your smartphone, providing a live view of what your drone is capturing.
- **Horizontal/Vertical Photo Mode Switch:** A dedicated button allows you to quickly switch your photo content capture between horizontal and vertical modes.
- **Record and Camera Buttons:** Separate buttons for initiating video recording and capturing still images, located conveniently for quick access.
- **Detachable Control Sticks:** The control sticks are easily detachable and can be stored securely in dedicated slots on the bottom of the remote controller for portability and protection.
- **Hover Mode Button:** Pressing this button twice will command your drone to enter and maintain a stable hover mode.
- **Multiple Flight Modes:** The remote features a switch to select between three distinct flight modes:
    - **Cine Mode:** Designed for smooth, cinematic footage with reduced control sensitivity.
    - **Normal Mode:** Standard flight mode offering balanced control.
    - **Sport Mode:** Provides maximum speed and agility for dynamic maneuvers.
- **USB-C Charging Port:** The remote controller features a USB-C port on the bottom for convenient charging.
- **Compatibility:** Compatible with DJI Mavic 3, Air 2, Air 2S, Mini 3, Mini 2, and Mini SE drones.

## 4. Setup Guide

1. **Attach Control Sticks:** Locate the two control sticks stored in the slots on the bottom of the remote controller. Twist them clockwise into the threaded holes on the top of the remote until secure.

2. **Charge the Remote Controller:** Connect the remote controller to a power source using a USB-C cable (not included) via the charging port on the bottom. The LED indicators will show charging status. Ensure the remote is fully charged before first use.

3. **Mount Your Smartphone:** Slide out the integrated phone holder from the top of the remote controller. Carefully place your smartphone into the holder, ensuring it is securely gripped.

4. **Connect to Smartphone:** Use an appropriate RC cable (not included) to connect your smartphone to the remote controller's USB port.

5. **Power On:** Press and hold the power button (located on the right side of the remote's face) until the remote powers on.

6. **Pair with Drone:** Follow the specific pairing instructions for your DJI drone model to establish a connection between the remote controller and your drone. Refer to your drone's user manual for detailed pairing procedures.

7. **Install DJI Fly App:** Download and install the DJI Fly app on your smartphone. This app is essential for viewing the drone's camera feed, accessing flight settings, and managing media.

## 5. Operating Instructions

Once your remote controller is set up and paired with your drone, you can begin operation:

- **Controlling the Drone:** Use the left and right control sticks to maneuver the drone. The left stick typically controls altitude and yaw (rotation), while the right stick controls forward/backward and left/right movement.
- **Changing Flight Modes:** Use the three-position switch (Cine, Normal, Sport) to select your desired flight mode based on your flying environment and desired footage.
- **Activating Hover Mode:** Double-press the hover mode button (marked with an 'H' and two vertical lines) to make the drone automatically maintain its current position and altitude.
- **Capturing Photos/Videos:**
  - Press the camera button to take a still photo.
  - Press the record button to start/stop video recording.
  - Use the horizontal/vertical photo mode switch button to change the camera's orientation for capturing content.
- **Powering Off:** Press and hold the power button until the remote controller powers off.

## 6. Maintenance

To ensure the longevity and optimal performance of your remote controller, follow these maintenance guidelines:

- **Storage:** Store the remote controller in a cool, dry place away from direct sunlight and extreme temperatures. Detach the control sticks and store them in their designated slots to prevent damage.
- **Cleaning:** Use a soft, dry cloth to clean the surface of the remote controller. Avoid using harsh chemicals or abrasive materials.
- **Battery Care:** Fully charge the remote controller at least once every three months to maintain battery health, even if not in regular use.
- **Avoid Impact:** Protect the remote controller from drops and impacts, which can damage internal components.

## 7. Troubleshooting

If you encounter issues with your remote controller, try the following solutions:

| Problem | Possible Cause / Solution |
| --- | --- |
| Remote controller does not power on. | Battery may be depleted. Connect to a power source and charge fully. Ensure the power button is pressed and held correctly. |

| Problem | Possible Cause / Solution |
|---|---|
| Remote controller does not connect to the drone. | • Ensure both the remote and drone are powered on.<br>• Verify that the remote controller is compatible with your specific drone model.<br>• Attempt to re-pair the remote controller with the drone according to your drone's user manual.<br>• Check for any obstructions or interference in the environment. |
| Smartphone does not display drone feed. | • Ensure the RC cable is securely connected to both the remote controller and your smartphone.<br>• Verify that the DJI Fly app is installed and running correctly on your smartphone.<br>• Try restarting both the remote controller and your smartphone.<br>• Check if your smartphone's operating system is up to date and compatible with the DJI Fly app. |

## 8. Specifications

| Feature | Detail |
|---|---|
| Brand | RotorLogic |
| Model Number | RC231 |
| Product Dimensions | 6 x 4 x 3 inches |
| Item Weight | 8 ounces |
| Color | Grey |
| Special Feature | Ergonomic |
| Max Number of Supported Devices | 3 |
| Compatible Devices | Drone (DJI Mavic 3, Air 2, Air 2S, Mini 3, Mini 2, Mini SE) |
| Manufacturer | RotorLogic |
| Date First Available | October 3, 2017 |

## 9. Warranty and Support

For warranty information or technical support regarding your DJI RC-N1(RC231) Remote Controller, please contact RotorLogic customer service. Refer to the product packaging or the seller's website for the most current contact details.
You can also visit the RotorLogic Store on Amazon for additional product information and support resources.