

DJI CP.MA.00000787.02_EDi6_1

DJI Mini 4K Drone User Manual

Model: CP.MA.00000787.02_EDi6_1

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your DJI Mini 4K drone. Please read this manual thoroughly before using the product and retain it for future reference. The DJI Mini 4K is a lightweight, portable drone designed for capturing high-quality aerial photography and videography. It features a 4K camera, 3-axis gimbal, and extended flight capabilities.

2. WHAT'S IN THE BOX

Verify that all components are present upon unboxing:

- DJI Mini 4K Drone
- RC-N1 Remote Controller
- RC-N1 RC USB-C Cable
- RC-N1 RC Lightning Cable
- RC-N1 RC Micro-USB Cable
- Intelligent Flight Battery
- Pair of Propellers
- 6 x Spare Screws
- Gimbal Protector
- Screwdriver
- USB-C Data Cable

Note: Additional bundle items such as a 64GB microSD Card, backpack, landing pad, memory card reader, cleaning kit, and memory card wallet may be included depending on your purchase package.

3. PRODUCT OVERVIEW

3.1 Drone Components

The DJI Mini 4K drone features a compact, foldable design for easy transport. Key components include the camera with a 3-axis gimbal, propellers, motors, and an intelligent flight battery compartment.



Figure 1: DJI Mini 4K drone in its folded state, ready for transport.



Figure 2: DJI Mini 4K drone with arms unfolded, showing propellers and camera gimbal.

3.2 Remote Controller

The RC-N1 Remote Controller provides precise control over the drone and camera. It features a smartphone holder to display the live camera feed and flight information via the DJI Fly app.

3.3 Specifications Label

Refer to the product label for detailed electrical and regulatory specifications.



Figure 3: Product label displaying model, battery, and regulatory information.

4. SETUP

4.1 Charging Batteries

Before first use, fully charge the Intelligent Flight Battery and the remote controller. Use the provided USB-C data cable and a compatible USB charger (not included) to charge. The battery level indicators on both the drone and controller will show charging status.

4.2 Installing Propellers

Attach the propellers to the motors according to the instructions in the quick start guide. Ensure propellers with markings are installed on motors with corresponding markings, and unmarked propellers on unmarked motors. Use the provided screwdriver for secure installation.

4.3 Preparing the Drone

1. Unfold the front arms first, then the rear arms.
2. Remove the gimbal protector from the camera.
3. Insert the Intelligent Flight Battery into the battery compartment until it clicks securely.

4.4 Preparing the Remote Controller

1. Unfold the mobile device holder and antenna.
2. Attach your smartphone to the controller using the appropriate RC cable.
3. Download and install the DJI Fly app on your smartphone.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

To power on the drone or remote controller, press the power button once, then press and hold it for two seconds. Repeat the process to power off.

5.2 Linking the Drone and Remote Controller

If the drone and remote controller are not linked, follow the instructions in the DJI Fly app to establish a connection. Ensure both devices are powered on.

5.3 Pre-Flight Checklist

- Ensure batteries are fully charged.
- Propellers are correctly installed and free from damage.
- Gimbal protector is removed.
- MicroSD card is inserted (if recording video/photos).
- Fly in an open area, away from obstacles, people, and restricted airspace.

5.4 Basic Flight Controls

Control the drone using the joysticks on the remote controller. Refer to the DJI Fly app for detailed control diagrams and customizable settings. The app provides a live view from the drone's camera and essential flight data.



Figure 4: DJI Mini 4K drone in stable flight, capturing aerial views.

5.5 Smart Flight Modes

The DJI Mini 4K includes intelligent flight modes accessible via the DJI Fly app, such as QuickShots (Dronie, Helix, Rocket, Circle) for automated cinematic maneuvers. These modes simplify complex shots, making them ideal for beginners.

6. MAINTENANCE

6.1 Cleaning

Regularly clean the drone, especially the camera lens and vision sensors, with a soft, dry cloth. Avoid using liquids or solvents that could damage components.

6.2 Propeller Inspection and Replacement

Inspect propellers before each flight for cracks, bends, or wear. Replace damaged propellers immediately using the provided screwdriver and spare screws. Ensure correct propeller types are installed on corresponding motors.

6.3 Battery Care

- Store batteries in a cool, dry place.
- Do not overcharge or over-discharge batteries.
- If storing for extended periods, discharge batteries to approximately 50-60% capacity.

6.4 Gimbal Protection

Always attach the gimbal protector when transporting or storing the drone to prevent damage to the camera and gimbal mechanism.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not power on	Low battery or incorrect power sequence	Charge battery fully. Press power button once, then press and hold for 2 seconds.
No video feed in DJI Fly app	Disconnected cable, app issue, or unlinked controller	Ensure RC cable is securely connected. Restart app. Link controller to drone via app.
Drone drifts during flight	Strong winds, compass interference, or IMU calibration needed	Fly in calm conditions. Calibrate compass and IMU via DJI Fly app.
Poor image/video quality	Dirty lens, incorrect settings, or gimbal not calibrated	Clean camera lens. Adjust camera settings in app. Calibrate gimbal.

For further assistance, refer to the DJI Fly app's help section or contact DJI Support.

8. SPECIFICATIONS

- **Brand:** DJI
- **Model Name:** DJI Mini 4K
- **Model Number:** CP.MA.00000787.02_EDi6_1
- **Item Weight:** 3.6 pounds (under 249g for drone only)
- **Video Capture Resolution:** 4K
- **Effective Still Resolution:** 12 MP
- **Optical Sensor Technology:** CMOS
- **Maximum Range:** 10 km
- **Flight Time:** Up to 31 minutes
- **Control Type:** Remote Control, App Control
- **Special Features:** 4K Camera, 31-Min Flight Time, 10 km Range, Smart Flight Modes
- **UPC:** 197684017247

9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official DJI website. For technical support, product inquiries, or service requests, please contact DJI Customer Support

through their official channels. Keep your proof of purchase for warranty claims.

© 2026 DJI. All rights reserved.