DJI CP.MA.00000498.01

DJI Mini 3 Series Intelligent Flight Battery User Manual

Model: CP.MA.00000498.01

Introduction

This manual provides essential information for the safe and effective use of your DJI Mini 3 Series Intelligent Flight Battery. Please read this manual thoroughly before use and retain it for future reference.
The DJI Mini 3 Series Intelligent Flight Battery is designed to provide extended flight times for compatible DJI Mini series drones, ensuring you can capture more aerial footage and enjoy longer flights.



Figure 1: DJI Mini 3 Series Intelligent Flight Battery

This image shows the DJI Mini 3 Series Intelligent Flight Battery, a compact, light gray rectangular unit with a textured release button on one side and "ULTRA LIGHT | 249g" printed on its top surface, indicating its design for lightweight drones.

Product Overview

The Intelligent Flight Battery is a key component for your DJI Mini series drone, offering reliable power and integrated management features. It is specifically designed for optimal performance with the following models:

- DJI Mini 4 Pro
- DJI Mini 3 Pro
- DJI Mini 3

The battery provides a maximum flight time of 34 minutes with the DJI Mini 3 Pro and 38 minutes with the DJI Mini 3, measured under specific windless conditions at a constant speed of 21.6 kph.



Figure 2: Battery Rear View and Specifications

This image displays the rear side of the DJI Mini 3 Series Intelligent Flight Battery, showing various regulatory marks, model information, and battery specifications printed on its surface, including voltage and capacity details.

Setup and Installation

To install the Intelligent Flight Battery into your compatible DJI Mini series drone, follow these steps:

1. Ensure the drone is powered off.
2. Locate the battery compartment on the rear of the drone.

3. Align the battery with the compartment, ensuring the contacts on the battery match those inside the drone.
4. Gently push the battery into the compartment until it clicks securely into place. A firm click indicates proper installation.
5. To remove the battery, press the release buttons on the sides of the battery and pull it out.



Figure 3: Battery Installation

This image illustrates the process of inserting the Intelligent Flight Battery into a DJI Mini 3 series drone. The drone is shown folded, and the battery is positioned to slide into its designated slot at the rear of the aircraft.

Important Note:

When using this Intelligent Flight Battery with the DJI Mini 4 Pro, the drone's propulsion performance and flight time may be reduced. Additionally, the total weight of the DJI Mini 4 Pro with this battery will exceed 249 grams. Always verify local laws and regulations regarding drone weight and operation before flying.

Charging the Battery

The Intelligent Flight Battery should be charged using a compatible DJI charger or charging hub. Always use official DJI charging accessories for optimal performance and safety.

- Connect the charging cable to the battery or charging hub.
- Plug the charger into a power outlet.
- The battery's indicator lights will show the charging status. Refer to your drone's main user manual for detailed indicator light patterns.

It is recommended to fully charge the battery before each flight for maximum flight duration and battery health.

Maintenance and Storage

Proper maintenance and storage are crucial for extending the lifespan of your Intelligent Flight Battery:

- **Temperature:** Store batteries in a cool, dry place, ideally between 22°C to 28°C (72°F to 82°F). Avoid extreme temperatures.
- **Long-Term Storage:** For long-term storage (more than 10 days), discharge the battery to 40%-60% of its capacity. This helps prevent over-discharge and prolongs battery life.
- **Cleaning:** Keep the battery contacts clean and dry. Use a soft, dry cloth to wipe them if necessary.
- **Inspection:** Regularly inspect the battery for any signs of damage, swelling, or leakage. Discontinue use immediately if any damage is observed.

Troubleshooting

Problem	Possible Cause	Solution
Battery not charging	Loose connection, faulty charger, or damaged battery.	Ensure connections are secure. Try a different charger or power outlet. Inspect battery for damage. If damaged, replace the battery.
Short flight time	Battery degradation, cold weather, or aggressive flying.	Ensure battery is fully charged. Avoid flying in extremely cold conditions. Fly conservatively. Consider replacing older batteries.
Battery not recognized by drone	Improper installation, dirty contacts, or firmware issue.	Reinstall the battery. Clean battery and drone contacts. Ensure drone firmware is up to date.

Specifications

Feature	Detail
Model Number	CP.MA.00000498.01
Battery Type	Lithium Ion
Capacity	2453 mAh
Max Flight Time (Mini 3 Pro)	34 minutes*
Max Flight Time (Mini 3)	38 minutes*
Dimensions	9.45 x 27.17 x 0.98 inches
Weight	2.84 ounces

Feature	Detail
Compatibility	DJI Mini 4 Pro, DJI Mini 3 Pro, DJI Mini 3

*Measured at a constant speed of 21.6 kph in windless conditions.

Warranty and Support

For warranty information and technical support, please refer to the official DJI website or contact DJI customer service directly. You can also find additional resources and detailed user guides on their support pages.
Official User Manual (PDF): Download Here
Official User Guide (PDF): Download Here
Visit the DJI Store for more products and accessories:DJI Official Store

Safety Guidelines

Always adhere to the safety guidelines provided by DJI for the drone and its accessories. Improper handling of lithium-ion batteries can lead to fire, injury, or property damage.

- Do not disassemble, puncture, impact, or short-circuit the battery.
- Do not expose the battery to water or fire.
- Keep the battery out of reach of children and pets.
- If the battery shows signs of swelling, leakage, or damage, discontinue use immediately and dispose of it properly according to local regulations.

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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

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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