DJI CP.SB.000256

DJI Matrice 600 Upper Expansion Bay Kit Instruction Manual

Model: CP.SB.000256

Introduction

This manual provides detailed instructions for the installation, usage, and maintenance of the DJI Matrice 600 Upper Expansion Bay Kit. This kit is designed to expand the mounting capabilities of your Matrice 600 drone, allowing for the integration of additional accessories and payloads.

Please read this manual thoroughly before attempting installation or operation to ensure proper use and to prevent damage to the kit or your drone.

Package Contents

Verify that all the following components are included in your package:

- Upper Expansion Plate
- Mounting Standoffs (4 pieces)
- Mounting Screws (various sizes)



Figure 1: Complete contents of the Upper Expansion Bay Kit, including the main plate, four standoffs, and associated mounting hardware.

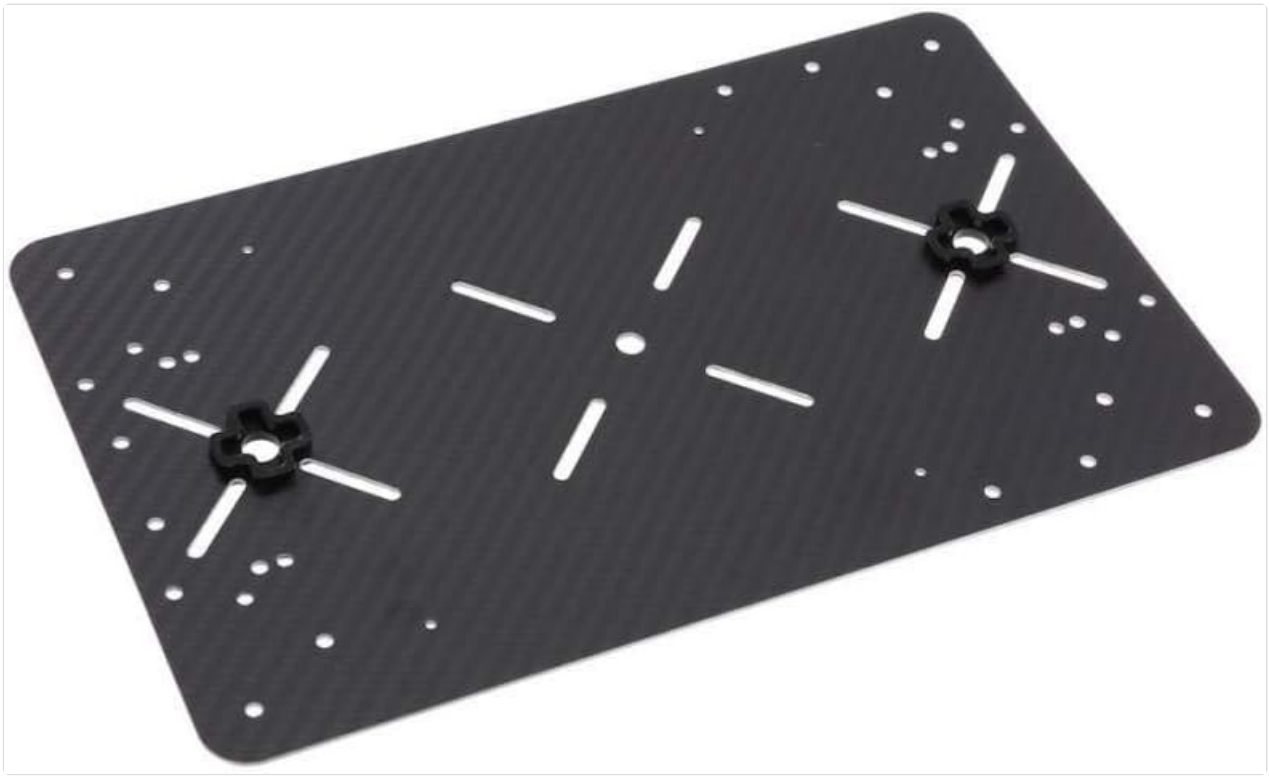


Figure 2: The Upper Expansion Plate, featuring multiple pre-drilled holes and slots for versatile accessory mounting.



Figure 3: The four mounting standoffs, which provide the necessary clearance and support for the expansion plate.

Installation Guide

Follow these steps to properly install the Upper Expansion Bay Kit onto your DJI Matrice 600 drone:

1. **Prepare the Drone:** Ensure your Matrice 600 drone is powered off and the batteries are removed. Place the drone on a stable, flat surface.
2. **Identify Mounting Points:** Locate the designated mounting points on the top frame of your Matrice 600. These are typically threaded holes designed for accessory attachment.
3. **Attach Standoffs:** Carefully screw the four mounting standoffs into the identified mounting points on the drone's frame. Ensure they are finger-tight, then gently secure them with an appropriate tool, being careful not to overtighten.
4. **Position Expansion Plate:** Align the holes on the Upper Expansion Plate with the top of the installed standoffs. The plate should sit flush on the standoffs.
5. **Secure Expansion Plate:** Use the provided screws to attach the expansion plate to the standoffs. Start by hand-tightening all screws, then progressively tighten them in a cross pattern to ensure even pressure and a secure fit. Do not overtighten.
6. **Verify Installation:** Gently check the installed expansion bay kit to ensure it is firmly attached and does not wobble.

Usage

The Upper Expansion Bay Kit provides a stable platform for mounting various compatible accessories, such as additional sensors, cameras, or communication modules. The multiple mounting holes and slots on the plate allow for flexible positioning of your equipment.

- Always ensure any mounted accessories are securely fastened to the expansion plate using appropriate hardware.
- Distribute the weight of mounted accessories evenly to maintain the drone's balance and flight stability.
- Refer to the manual of your specific accessory for its mounting requirements and compatibility with the expansion plate.

Care and Maintenance

To ensure the longevity and optimal performance of your Upper Expansion Bay Kit, follow these maintenance guidelines:

- **Cleaning:** Wipe the expansion plate and standoffs with a soft, dry cloth to remove dust and debris. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid using harsh chemicals or abrasive materials.
- **Inspection:** Periodically inspect all mounting points and screws for any signs of loosening or wear. Tighten any loose screws as necessary.
- **Storage:** When not in use, store the kit in a clean, dry environment away from direct sunlight and extreme temperatures.

Troubleshooting

If you encounter issues with your Upper Expansion Bay Kit, consider the following:

- **Kit is Loose:** Ensure all screws securing the plate to the standoffs, and the standoffs to the drone frame, are properly tightened. Do not overtighten.
- **Accessory Not Fitting:** Verify that the accessory's mounting pattern is compatible with the holes and slots on the expansion plate. Some accessories may require specific adapters (not included).
- **Vibrations During Flight:** If new vibrations occur after installation, re-check all mounting points for tightness. Ensure the weight of any mounted accessory is balanced and within the drone's payload capacity.

Technical Specifications

Attribute	Detail
Model Number	CP.SB.000256
Product Dimensions	6 x 2 x 4 inches
Item Weight	4.3 ounces

Manufacturer	DJI
Country of Origin	China

Warranty and Support

This DJI product is covered by a limited warranty. For detailed warranty terms and conditions, please refer to the official DJI website or the warranty card included with your original drone purchase.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact DJI Customer Support through their official channels. You can typically find support contact information on the DJI website or within the DJI GO/Pilot application.
When contacting support, please have your product model number (CP.SB.000256) and proof of purchase readily available.

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.

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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