

DJI CP.MA.00000133.01

DJI Mavic Mini Propellers (CP.MA.00000133.01) Instruction Manual

Model: CP.MA.00000133.01 | Brand: DJI

1. PRODUCT OVERVIEW

These propellers are specifically designed for the DJI Mavic Mini drone. They are engineered to provide quieter flight and powerful thrust, ensuring optimal performance for your aircraft. This accessory is essential for maintaining flight stability and efficiency.

What's in the Box:

- Propeller (pair) ×2
- Screw ×12

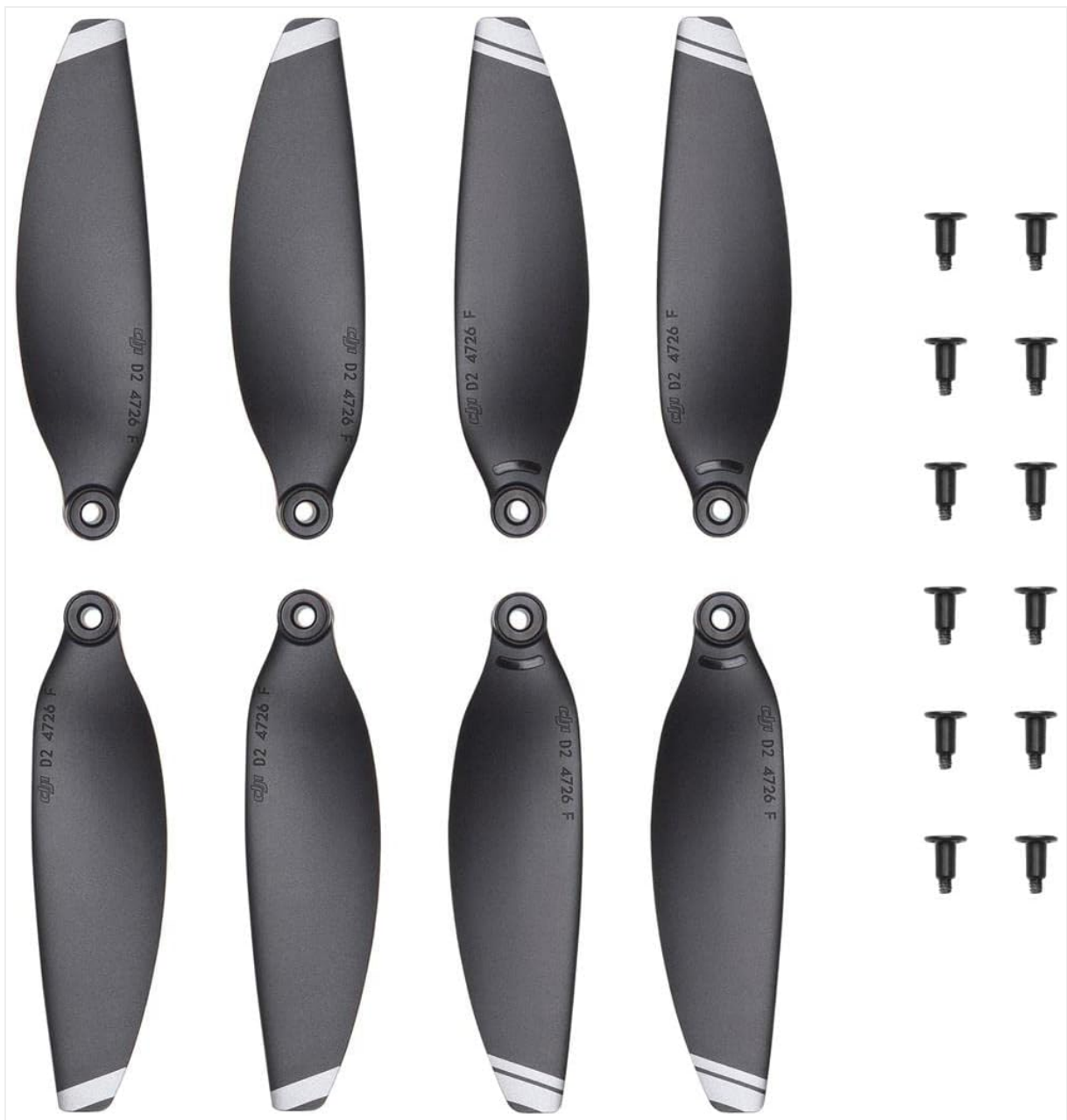


Figure 1: Contents of the DJI Mavic Mini Propeller package, showing two pairs of propellers and a set of screws.

2. SAFETY INFORMATION

- Always ensure propellers are securely attached before flight.
- Inspect propellers for any damage (cracks, bends, chips) before each flight. Replace immediately if damage is found.
- Keep hands and face clear of rotating propellers.
- Use only genuine DJI Mavic Mini propellers to ensure compatibility and safe operation.
- Store spare propellers in a safe place to prevent warping or damage.

3. SETUP & INSTALLATION

Proper installation of propellers is crucial for safe and stable flight. Follow these steps carefully:

1. **Identify Propeller Types:** The propellers are marked with 'A' or 'B' to indicate their type. Match these markings to the corresponding motor arms on your DJI Mavic Mini. Propellers with an 'A' marking should be installed on motor arms with 'A' markings, and 'B' propellers on 'B' marked arms.



Figure 2: Close-up of DJI Mavic Mini propellers, showing the 'A' and 'B' type markings for correct installation.

2. **Remove Old Propellers:** Using a small screwdriver (often included with your drone or propeller kit), carefully unscrew the two screws holding each propeller blade to the motor. Remove both blades of a pair if replacing.
3. **Install New Propellers:** Place the new propeller blades onto the motor arm, aligning the screw holes. Ensure the correct 'A' or 'B' type is used for each arm.



Figure 3: A propeller being installed on a DJI Mavic Mini drone motor arm using a screwdriver.

4. **Secure with Screws:** Use the new screws provided with the propeller kit to secure the blades. Tighten the screws firmly but do not overtighten, as this can damage the motor or the propeller.
5. **Verify Installation:** Gently tug on each propeller to ensure it is securely fastened and does not wobble. The propellers should spin freely without obstruction.

4. OPERATING CONSIDERATIONS

While propellers themselves do not have operational controls, their condition directly impacts drone performance. Always ensure your drone's propellers are in excellent condition before initiating flight. Damaged propellers can lead to unstable flight, reduced efficiency, and potential crashes. The DJI Mavic Mini is designed for quieter flight and powerful thrust with these specific propellers.

5. MAINTENANCE

- **Regular Inspection:** Visually inspect all propellers for any signs of wear, cracks, bends, or chips before and after every flight.
- **Cleaning:** If dust or debris accumulates on the propellers, gently wipe them clean with a soft, dry cloth. Avoid using harsh chemicals.
- **Storage:** Store spare propellers flat and in a protective container to prevent bending or damage. Avoid placing heavy objects on them.
- **Replacement:** Replace propellers immediately if any damage is detected, even minor. It is recommended to replace both blades of a pair simultaneously for balanced flight.

6. TROUBLESHOOTING

| Issue | Possible Cause | Solution |
|-------|----------------|----------|
|-------|----------------|----------|

| Issue | Possible Cause | Solution |
|-----------------------------|---|--|
| Unstable flight / Vibration | Damaged or unbalanced propellers; incorrect propeller installation. | Inspect all propellers for damage and replace if necessary. Ensure propellers are installed correctly (A with A, B with B) and screws are tightened appropriately. |
| Reduced thrust / Poor lift | Worn or damaged propellers. | Replace all affected propellers with new, genuine DJI Mavic Mini propellers. |
| Unusual noise during flight | Propeller hitting an obstruction; loose propeller; damaged propeller. | Land immediately and inspect all propellers for damage or looseness. Ensure no foreign objects are caught in the propellers. |

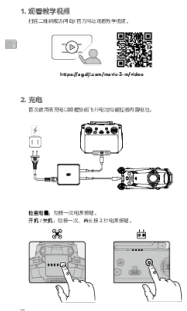


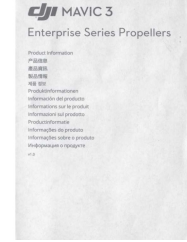
7. SPECIFICATIONS

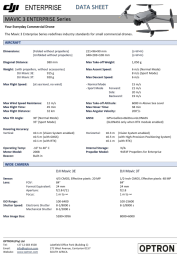

| Feature | Detail |
|-------------------|------------------------------------|
| Brand | DJI |
| Model Name | DJI Mavic Mini |
| Item Model Number | CP.MA.00000133.01 |
| Special Feature | Quieter flight and powerful thrust |
| Diameter × Pitch | 119.38×66.04 mm (4.7×2.6 inches) |
| Weight (each) | 0.5 g |
| Material | Rubber |
| Compatibility | DJI Mavic Mini only |

8. WARRANTY & SUPPORT

For warranty information and technical support regarding your DJI Mavic Mini propellers or drone, please refer to the official DJI website or contact DJI customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Official DJI Support: www.dji.com/support

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|  | <p>DJI Mavic 3M User Manual and Specifications</p> <p>Comprehensive user manual and technical specifications for the DJI Mavic 3M drone, covering setup, operation, flight controls, and compliance information.</p> |
|  | <p>DJI Mavic 3 Enterprise Series: Disclaimer and Safety Guidelines</p> <p>This document provides essential disclaimer and safety guidelines for the DJI Mavic 3 Enterprise Series of drones, covering environmental considerations, pre-flight checklists, operational procedures, battery safety, and regulatory compliance.</p> |
|  | <p>DJI Mavic Pro: What's Included in the Box - Product Contents Guide</p> <p>Detailed list of all items included in the DJI Mavic Pro drone package, including aircraft, remote controller, charger, cables, and manuals. Learn what to expect in your DJI Mavic Pro box.</p> |
|  | <p>DJI Mavic 3 Enterprise Series Propellers - Product Information</p> <p>Concise guide to DJI Mavic 3 Enterprise Series Propellers, including specifications, installation instructions, and safety information.</p> |

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|  <p>The image shows a technical datasheet for the DJI Enterprise Series. It includes a small image of a drone at the top right. The text is organized into sections: 'ENTERPRISE' and 'MAVIC 3 ENTERPRISE SERIES'. It lists various models and their specifications, including camera types (wide, tele, thermal), gimbal, sensing, video transmission, DJI RC Pro Enterprise, storage, battery, charger, RTK module, and speaker specifications. The 'OPTRON' logo is visible at the bottom right.</p> | <p>DJI Mavic 3 Enterprise Series Datasheet and Specifications</p> <p>Comprehensive technical datasheet for the DJI Mavic 3 Enterprise Series drones, including the Mavic 3E and Mavic 3T models. Details aircraft, wide camera, tele camera, thermal camera, gimbal, sensing, video transmission, DJI RC Pro Enterprise, storage, battery, charger, RTK module, and speaker specifications.</p> |
|  <p>The image shows the cover of the DJI Mavic 3M User Manual. It features the DJI logo and the text 'MAVIC 3M User Manual'. Below the text is a detailed illustration of the Mavic 3M drone, showing its various sensors and camera modules.</p> | <p>DJI Mavic 3M User Manual: Features, Operation, and Safety Guide</p> <p>Get detailed insights into the DJI Mavic 3M multispectral drone. This user manual covers its advanced imaging capabilities, flight operations, safety protocols, and enterprise applications for agriculture and surveying.</p> |