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DJI CP.FP.00000056.01

DJI Goggles 2 User Manual

Lightweight and Comfortable Immersive Flight Goggles

1. Introduction

The DJI Goggles 2 are designed to provide an immersive and comfortable flight experience with stunning visual clarity. Featuring advanced Micro-OLED screens and low-latency transmission, these goggles enhance your drone piloting and media consumption.



Figure 1: Front view of DJI Goggles 2, showcasing its sleek design and dual antennas.

Key features include adjustable diopters for glasses-free use, Wi-Fi streaming capabilities, and robust compatibility with various DJI drones and controllers.

2. What's in the Box

Ensure all the following components are present in your package:

- DJI Goggles 2 x1
- DJI Goggles 2 Battery x1
- DJI Goggles 2 Eyeglass Frames (Pair) x1
- DJI Goggles 2 Screen Protector x1
- DJI Goggles 2 Headband x1
- Cable
- DJI Goggles 2 Dual-Band Antenna (Pair) x1
- DJI Goggles 2 OTG Cable x1



Figure 2: All components included in the DJI Goggles 2 package.

3. Setup

3.1 Initial Charging

Before first use, fully charge the DJI Goggles 2 battery using the provided cable and a compatible USB power adapter. The battery indicator lights will show charging progress.

3.2 Attaching Headband and Antennas

Attach the headband to the goggles for comfortable wear. Screw the dual-band antennas firmly into their respective ports on the goggles.

3.3 Diopter Adjustment

The DJI Goggles 2 support diopter adjustment from +2.0 to -8.0. Adjust the diopter wheels on the bottom of the goggles until the image is clear and sharp for your vision. Lock the adjustment wheels to maintain your preferred setting.

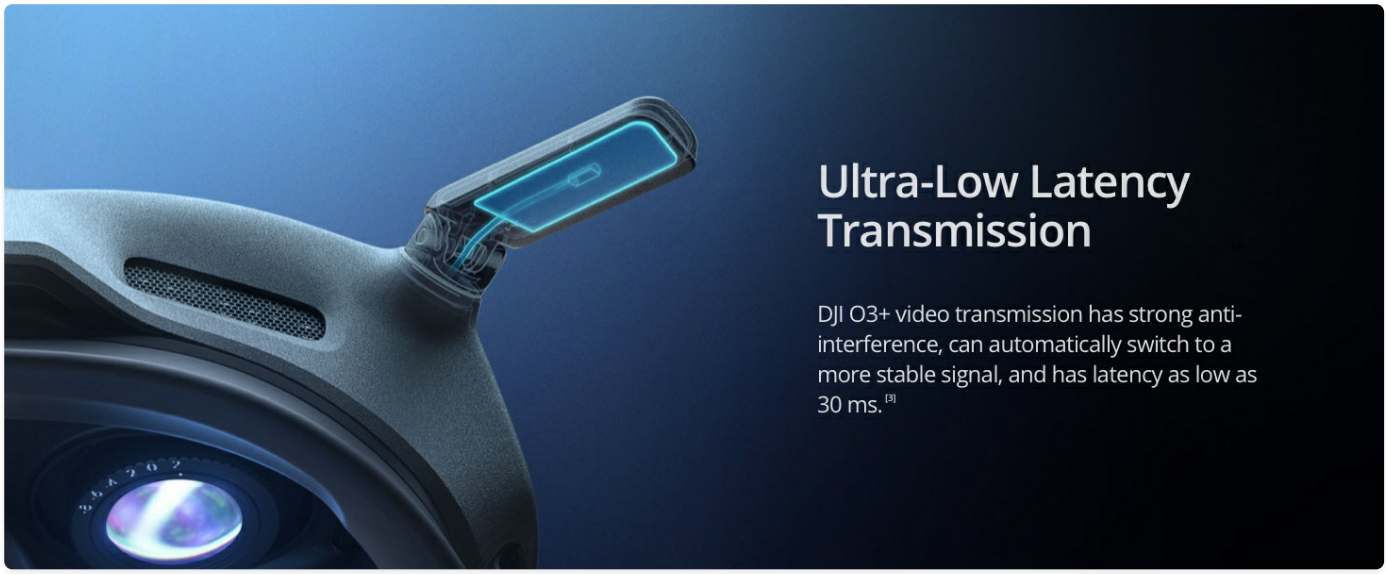


Figure 3: Adjusting the diopters for personalized vision clarity.

3.4 Powering On/Off

To power on, press the power button once, then press and hold it for two seconds. To power off, repeat the same process.

4. Operating Instructions

4.1 Immersive Flight Experience

Connect your DJI Goggles 2 to a compatible DJI drone (e.g., DJI Avata) for an immersive first-person view flight. The Micro-OLED screens provide vibrant, true-to-life colors and sharp resolution, enhancing your aerial perspective.

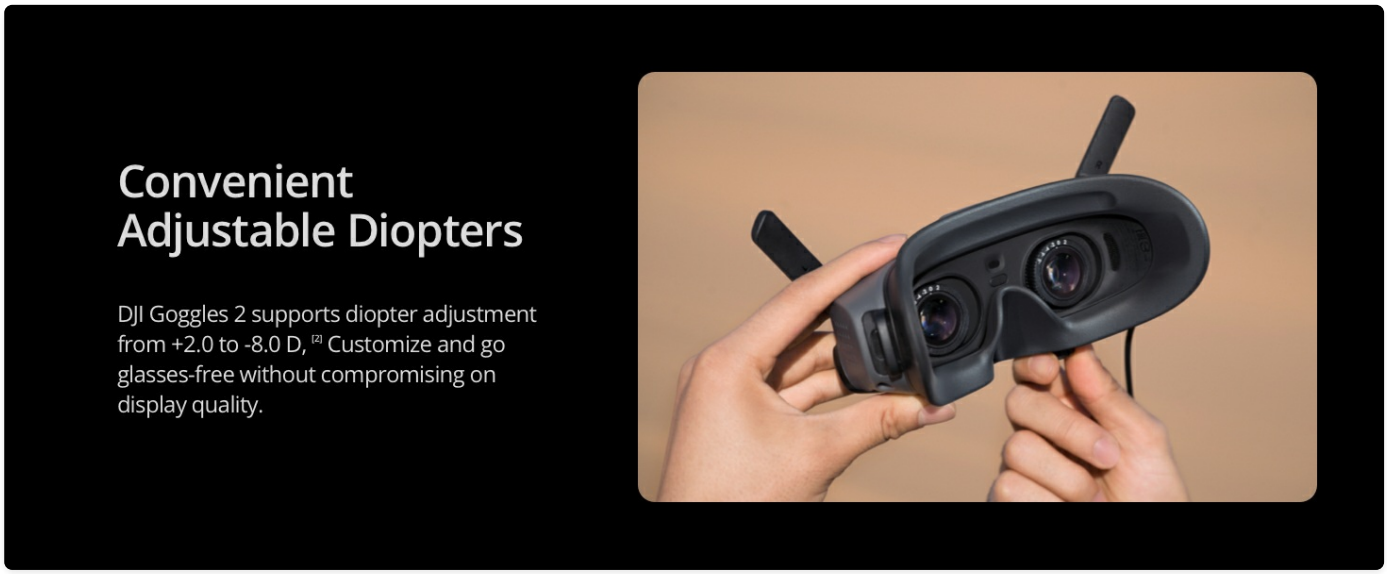


Figure 4: The stunning Dual-HD Micro-OLED screens deliver exceptional visual quality.

4.2 Low-Latency Transmission

The DJI O3+ video transmission system ensures ultra-low latency, as low as 30 ms, providing real-time feedback during flight. The system automatically switches between 2.4GHz and 5.8GHz frequency bands to maintain a stable signal.

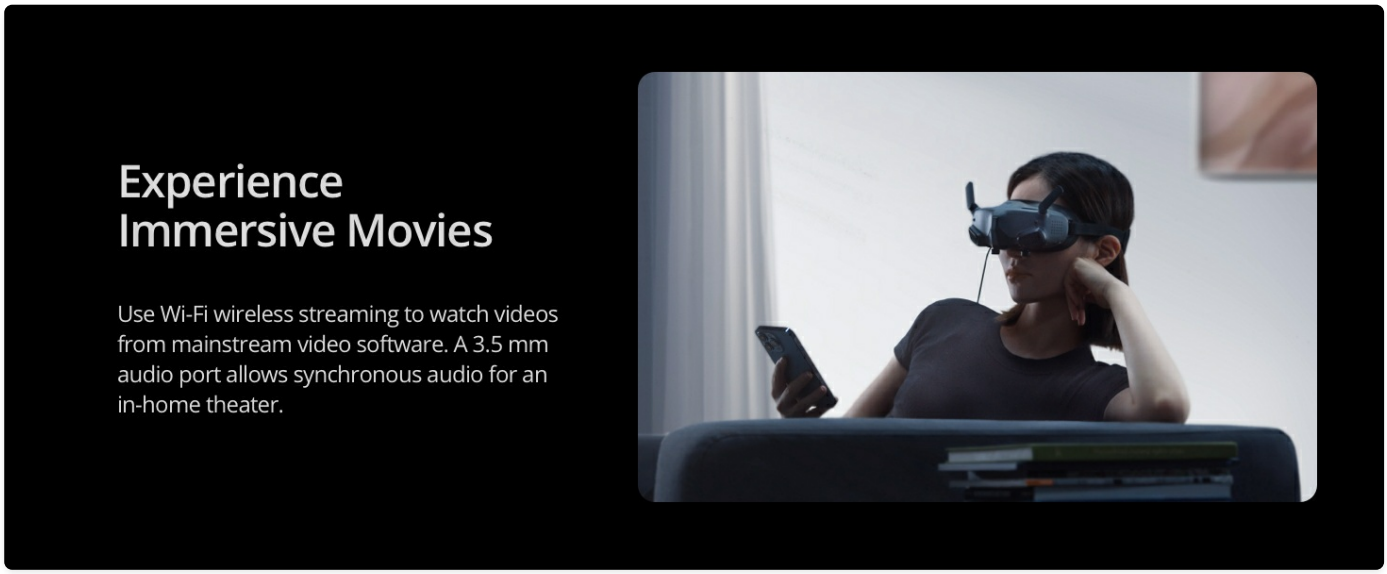


Figure 5: The advanced antenna system ensures ultra-low latency and stable transmission.

4.3 Wireless Streaming

Connect the DJI Goggles 2 to Wi-Fi to stream movies and other content directly to the goggles. A 3.5 mm audio port allows for synchronized audio, creating an immersive personal cinema experience.



Figure 6: Enjoy immersive movies and content streaming with Wi-Fi connectivity.

5. Compatibility

The DJI Goggles 2 are compatible with a range of DJI drones and controllers, including but not limited to:

- DJI Avata 2
- DJI Mini 4 Pro
- DJI Air 3
- DJI Avata
- DJI O3 Air Unit
- DJI Motion Controller
- DJI RC Motion 2
- DJI FPV Remote Controller 2
- DJI FPV Air Unit Module
- DJI Mavic 3 Classic, DJI Mavic 3, DJI Mavic 3 Cine, DJI Mavic 3 Pro, DJI Mavic 3 Pro Cine
- DJI Mini 3 Pro
- DJI FPV



Figure 7: DJI Goggles 2 offer multi-model compatibility for various DJI drones.

6. Maintenance

6.1 Cleaning the Lenses

Use a soft, lint-free cloth specifically designed for optical lenses to clean the goggle screens. Avoid using abrasive materials or chemical cleaners that could damage the lens coating.

6.2 Battery Care

Store the battery in a cool, dry place. For long-term storage, ensure the battery is charged to approximately 50-60% to prolong its lifespan. Avoid fully discharging the battery for extended periods.

6.3 General Care

Keep the goggles away from dust, moisture, and direct sunlight. When not in use, store them in a protective case to prevent scratches and impacts. Regularly check for any loose connections or physical damage.

7. Troubleshooting

7.1 No Image Display

- Ensure the goggles are powered on and the battery is sufficiently charged.
- Verify that the goggles are correctly paired with your drone/air unit.
- Check all cable connections between the goggles and the battery/drone.
- Adjust the diopter settings to ensure the image is not simply out of focus.

7.2 Poor Video Transmission Quality

- Ensure antennas are securely attached and oriented correctly.
- Minimize obstacles between the drone and the goggles.
- Avoid areas with strong Wi-Fi or other wireless interference.
- Update the firmware of both the goggles and the drone to the latest version.

7.3 Goggles Not Powering On

- Confirm the battery is fully charged.
- Ensure the power button is pressed correctly (short press, then long press).
- If issues persist, contact DJI support.

8. Technical Specifications

Feature	Detail
Product Dimensions	With antennas folded: 167.40×103.90×81.31 mm. With antennas unfolded: 196.69×103.90×104.61 mm
Item Weight	9.5 ounces (approx. 290 g)
Model Number	CP.FP.00000056.01
Batteries	1 A battery required (included)
Connectivity Technology	Wi-Fi
Compatible Devices	DJI drones and controllers
Specific Uses For Product	Flight Simulators

Feature	Detail
Field Of View	51 Degrees
Operating System	Proprietary

9. Warranty and Support

9.1 Official Warranty

DJI products come with an official warranty. Please refer to the warranty card included with your product or visit the official DJI website for detailed warranty terms and conditions.

9.2 User Guide and Further Assistance

For a more detailed user guide and additional support, please visit the official DJI support page or download the comprehensive PDF manual:

Download Full User Guide (PDF)

You can also find FAQs and contact customer service through the official DJI website for any technical assistance or inquiries.

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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