DJI CP.OS.00000167.01

DJI OM 5 Smartphone Gimbal Stabilizer User Manual

Model: CP.OS.00000167.01 | Brand: DJI

1. Introduction

The DJI OM 5 is a portable and palm-sized smartphone gimbal stabilizer featuring a built-in extension rod. It is designed to enhance your smartphone videography and photography by providing flawless stabilization, automatic tracking, and creative shooting features. This manual provides essential information on setting up, operating, maintaining, and troubleshooting your DJI OM 5.

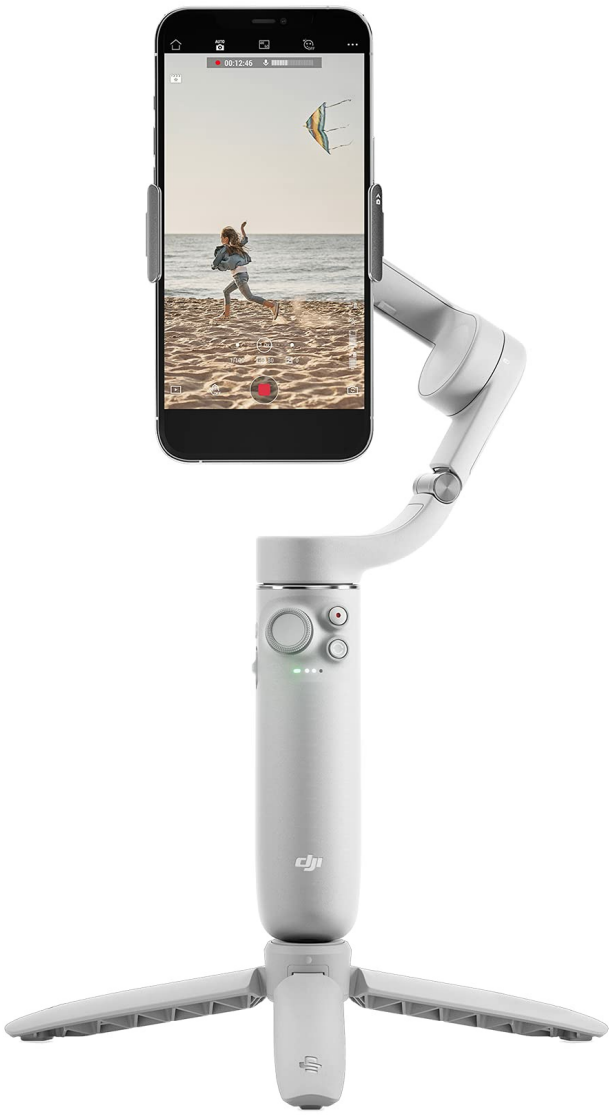


Figure 1.1: DJI OM 5 Smartphone Gimbal Stabilizer with smartphone.

2. What's in the Box

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

- DJI OM 5 Athens Gray × 1
- DJI OM Magnetic Phone Clamp 2 (Athens Gray) × 1
- Grip Tripod (Athens Gray) × 1
- Power Cable × 1
- Storage Pouch × 1
- Wrist Strap (Athens Gray) × 1



Figure 2.1: Included accessories with the DJI OM 5.

3. Setup

3.1 Charging the DJI OM 5

Before first use, fully charge the DJI OM 5 using the provided power cable. Connect the USB-C end of the cable to the charging port on the gimbal and the other end to a USB power adapter (not included). The battery level indicators will illuminate during charging.

3.2 Attaching Your Smartphone

The DJI OM 5 features a magnetic design for quick attachment. Ensure your smartphone is securely placed within the magnetic phone clamp. For optimal performance, remove your phone case if it adds significant weight or bulk. Balance the phone on the gimbal before powering it on to prevent motor strain and ensure smooth operation.

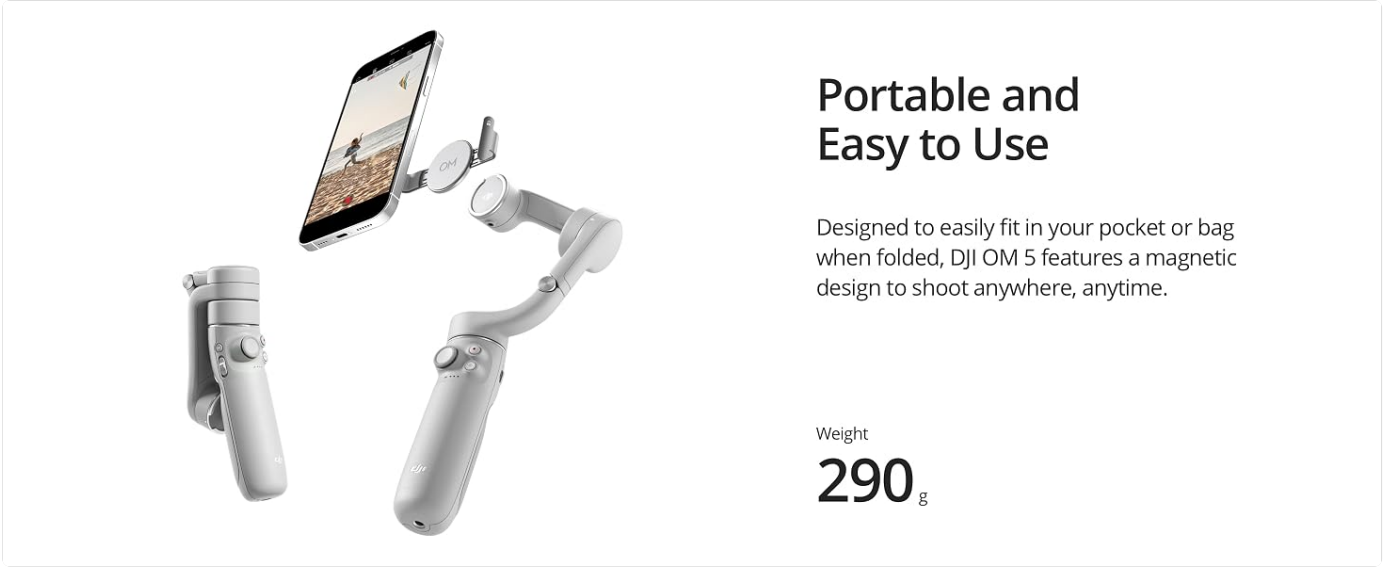


Figure 3.1: The DJI OM 5's compact and portable design.



Figure 3.2: Dimensions of the folded DJI OM 5.

3.3 DJI Mimo App Installation

To unlock the full potential of your DJI OM 5, download and install the DJI Mimo app on your smartphone. The app provides access to intelligent shooting modes, camera controls, and firmware updates. Search for "DJI Mimo" in your device's app store or visit the official DJI website for download links.

4. Operating Your DJI OM 5

4.1 Powering On/Off

- **Power On:** Press and hold the power button for 2 seconds.
- **Power Off:** Press and hold the power button for 2 seconds.

4.2 Basic Controls

Familiarize yourself with the buttons and joystick on the gimbal handle for intuitive control over your smartphone's camera and gimbal movements.

- **Joystick:** Controls pan and tilt movements of the gimbal.
- **Shutter/Record Button:** Press once to take a photo, press and hold to start/stop video recording.
- **M Button:** Switches between gimbal modes (e.g., Follow, Tilt Locked, FPV).
- **Zoom Slider:** Controls the digital zoom of your smartphone camera.

4.3 Stabilization Technology

The DJI OM 5 utilizes advanced 3-axis stabilization to ensure your footage remains smooth and steady, even during dynamic movements. This technology compensates for shakes and jitters, delivering professional-quality videos.



Figure 4.1: Capturing smooth footage with improved stabilization and ActiveTrack 4.0.

4.4 Using the Built-In Extension Rod

The DJI OM 5 features a built-in 215mm extension rod, allowing you to capture wider angles, group selfies, and unique low-angle shots. Gently pull the top section of the gimbal upwards to extend the rod. Ensure it is fully extended and

locked into place before use.

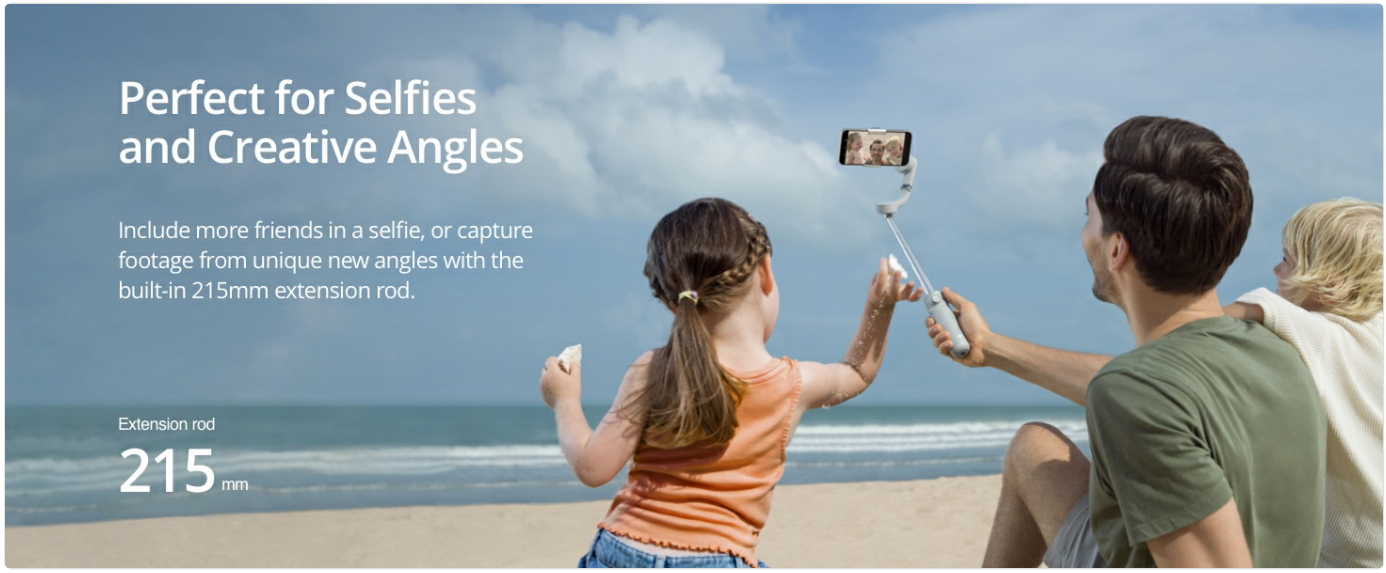


Figure 4.2: Utilizing the 215mm extension rod for selfies and creative angles.

5. Intelligent Shooting Modes

The DJI OM 5 offers a variety of intelligent shooting modes through the DJI Mimo app to help you capture creative and professional-looking content.

5.1 ShotGuides

ShotGuides automatically recognizes your environment and recommends a corresponding shot sequence. It provides short video tips on how to achieve the shot and can even recommend templates to create a short video with a single tap.

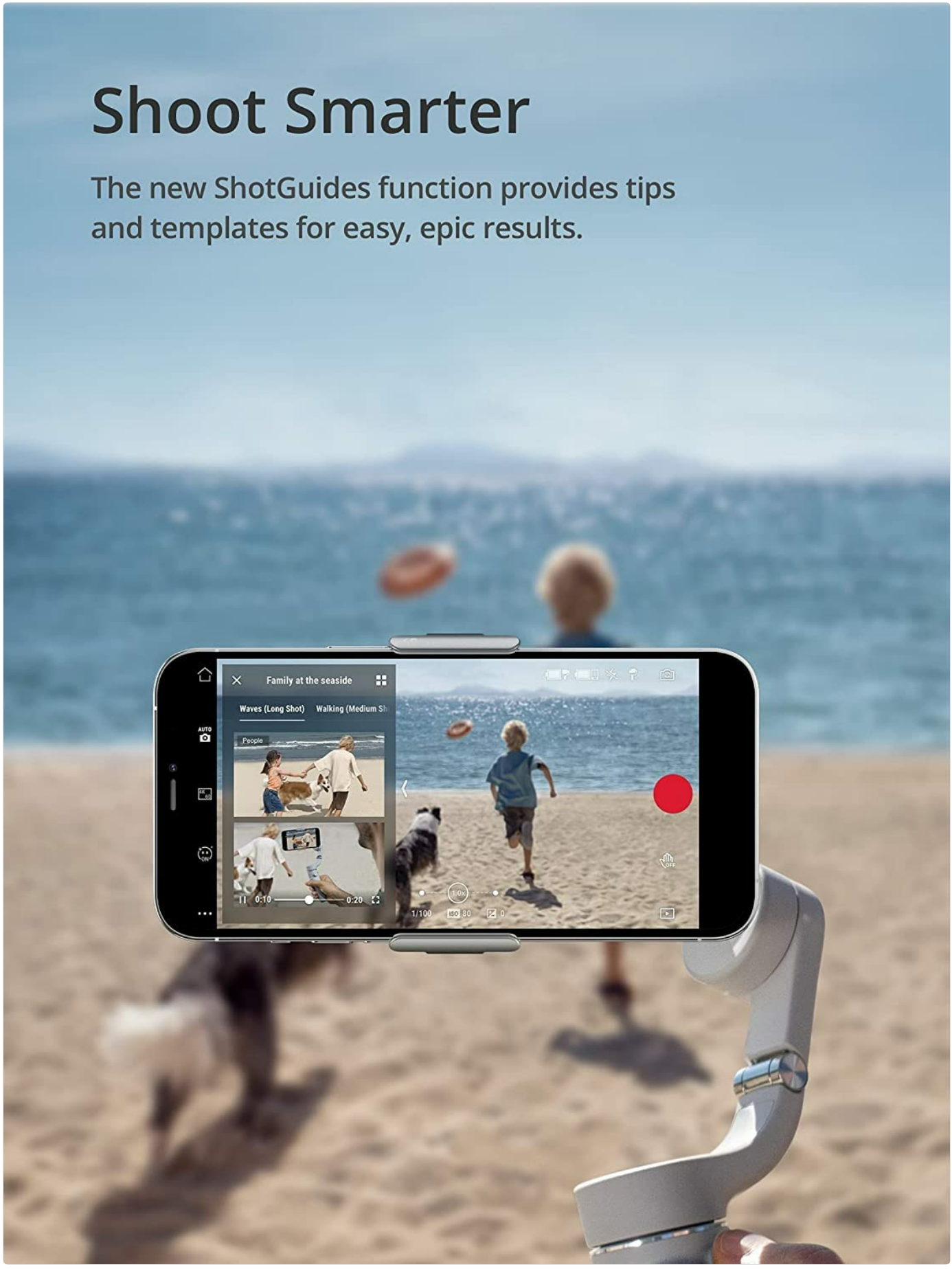


Figure 5.1: ShotGuides interface in the DJI Mimo app.

5.2 ActiveTrack 4.0

ActiveTrack 4.0 features enhanced recognition capabilities and higher responsiveness. It reliably tracks subjects, even when moving quickly, and includes an automatic face tracking feature for selfie mode, ensuring your subject remains in

frame.

5.3 Other Intelligent Modes

- **DynamicZoom:** Creates cinematic dolly zoom effects.
- **CloneMe Pano:** Captures multiple photos and stitches them together to create a panorama with multiple instances of the same person.
- **Story Mode:** Provides templates with music, movement, and effects for quick video creation.
- **Timelapse:** Records time-lapse videos with customizable intervals.
- **SpinShot:** Rotates the smartphone to create a spinning effect.

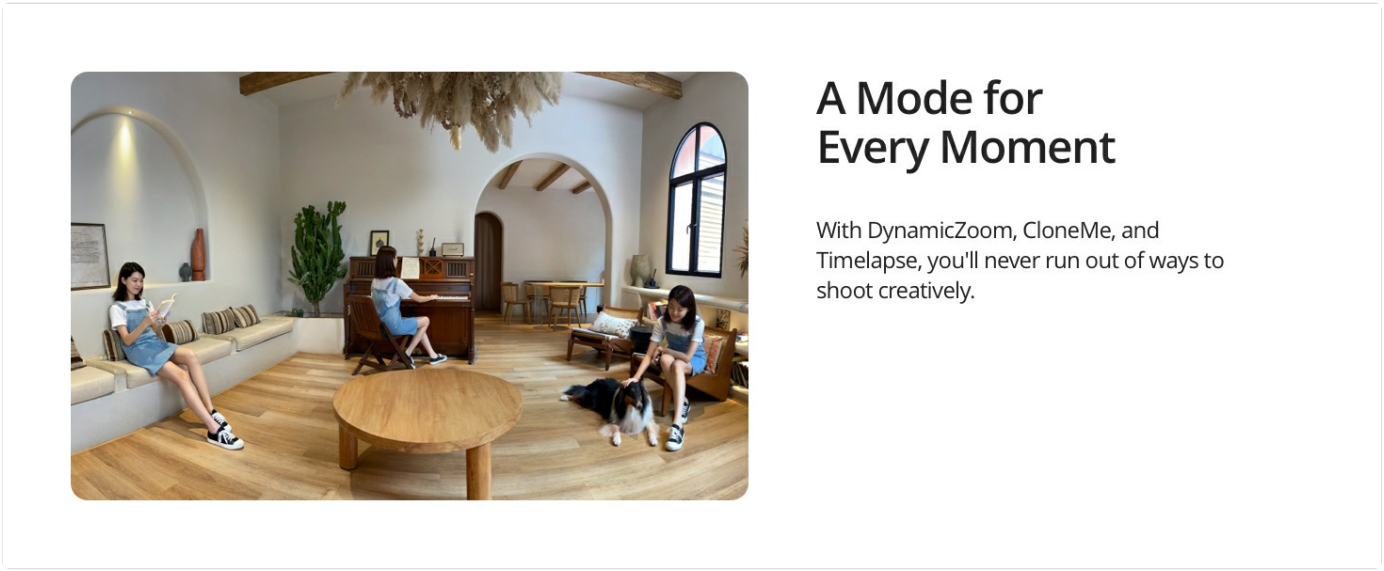


Figure 5.2: Example of CloneMe Pano mode.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your DJI OM 5.

- **Cleaning:** Use a soft, dry cloth to clean the gimbal. Do not use liquid cleaners or solvents.
- **Storage:** Store the DJI OM 5 in a cool, dry place, away from direct sunlight and extreme temperatures. When storing for extended periods, ensure the battery is charged to approximately 50-60%.
- **Battery Care:** Avoid fully discharging the battery frequently. Recharge the battery at least once every three months to maintain its health.
- **Firmware Updates:** Regularly check for and install firmware updates via the DJI Mimo app to ensure your gimbal has the latest features and performance improvements.

7. Troubleshooting

This section addresses common issues you might encounter with your DJI OM 5.

Problem	Possible Cause	Solution
Gimbal is unstable or vibrates.	Smartphone not properly balanced; phone case too heavy; motors overloaded.	Ensure the smartphone is centered and balanced in the clamp before powering on. Remove heavy phone cases. Calibrate the gimbal via the DJI Mimo app.

Problem	Possible Cause	Solution
Cannot connect to DJI Mimo app.	Bluetooth not enabled; app not updated; gimbal not powered on.	Ensure Bluetooth is enabled on your smartphone. Update the DJI Mimo app to the latest version. Power on the gimbal. Restart both the gimbal and smartphone.
ActiveTrack 4.0 not tracking effectively.	Subject too far/close; poor lighting; obstructions.	Ensure the subject is within the recommended tracking distance. Provide adequate lighting. Avoid obstructions between the camera and the subject.
Battery drains quickly.	Frequent use of power-intensive features; old battery.	Reduce use of continuous tracking or intense movements. Ensure firmware is updated. If battery life significantly degrades, consider contacting support.

8. Specifications

Feature	Detail
Product Dimensions	10.41 x 4.37 x 3.63 inches (unfolded); 3.63"D x 4.37"W x 10.41"H
Item Weight	10.2 ounces (290 Grams)
Model Number	CP.OS.00000167.01
Batteries	1 Lithium Ion battery required (included)
Operating Temperature	0° to 40°C (32° to 104°F)
Maximum Weight Recommendation	614 Grams
Color	Athens Gray
Compatible Devices	Cellphone

9. Warranty and Support

DJI products come with a standard manufacturer's warranty. For detailed warranty terms and conditions, 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 visit the official DJI Support page:

Visit DJI Support

You can also find additional resources, FAQs, and video tutorials on the DJI website to help you make the most of your DJI OM 5.

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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.

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