DJI 6941565991454

DJI Mic Mini Wireless Microphone System User Manual

Model: 6941565991454

Introduction

The DJI Mic Mini is a compact and ultralight wireless microphone system designed for high-quality audio recording. It offers stable transmission, extended battery life, and versatile connectivity options, making it suitable for various content creation scenarios including interviews, livestreams, and vlogging.
This manual provides essential information on setting up, operating, maintaining, and troubleshooting your DJI Mic Mini system to ensure optimal performance and longevity.

What's in the Box

The DJI Mic Mini (2 TX + 1 RX + Charging Case) package includes the following components:

- Two (2) DJI Mic Mini Transmitters (Infinity Black)
- One (1) DJI Mic Mini Receiver
- One (1) DJI Mic Mini Charging Case
- One (1) DJI Mic Mini Camera Audio Cable (3.5mm TRS)
- One (1) DJI Mic Mini Mobile Phone Adapter (Type-C)
- One (1) DJI Mic USB-C Charging Cable
- Two (2) DJI Mic Mini Windscreen (Black/Gray)
- Two (2) DJI Mic Mini Windscreen (Black)
- Two (2) DJI Mic Mini Clip Magnets
- One (1) DJI Mic Mini Carrying Pouch



Figure 1: Included components of the DJI Mic Mini system. This image displays all items listed in the "What's in the Box" section, providing a visual guide to the package contents.

Setup

1. Initial Charging

Before first use, fully charge the DJI Mic Mini transmitters and receiver using the provided charging case and USB-C cable. The charging case itself also needs to be charged. A full charge provides approximately 48 hours of total usage time with the charging case. A quick 5-minute charge can provide approximately one hour of usage.



Figure 2: The DJI Mic Mini charging case, highlighting its 48-hour battery life and quick charge feature. The image shows the open charging case with the transmitter and receiver inside, ready for charging.

2. Automatic Pairing

The DJI Mic Mini transmitters and receiver are designed to pair automatically when removed from the charging case. Ensure both units are powered on for successful connection.



Figure 3: An overview of the DJI Mic Mini system, including the two transmitters, one receiver, and the charging case. This image illustrates the compact design of the individual units.

3. Connecting to Devices

The DJI Mic Mini offers versatile connectivity:

- **To Cameras:** Use the included 3.5mm TRS camera audio cable to connect the receiver to your camera's microphone input.
- **To Smartphones (USB-C/Lightning):** Attach the appropriate mobile phone adapter (Type-C included, Lightning sold separately) to the receiver and plug it into your smartphone.
- **Direct Bluetooth Connection (TX to Smartphone):** A transmitter can connect directly to a smartphone via Bluetooth without a receiver. This is ideal for livestreams and creators using third-party apps. Note that direct Bluetooth connection does not support audio recording when using the phone's native camera; it only supports filming through compatible third-party applications.
- **DJI Ecosystem Direct Connection:** The transmitter supports direct connection to DJI Osmo Action 5 Pro, Osmo Action 4, or Osmo Pocket 3 without a receiver, delivering premium audio and simplifying your workflow.



Figure 4: Demonstrates the DJI Mic Mini's direct connection capability with various DJI Osmo devices, including the Osmo Action 4, Osmo Pocket 3, and Osmo Action 5 Pro. This image illustrates how the transmitter can be used without the receiver for streamlined setups.

Operating

1. Wearing the Transmitter

The ultralight DJI Mic Mini transmitter (weighing only 10g) offers multiple wearing options for comfort and discretion:

- **Clip-on:** Attach the transmitter directly to clothing using its integrated clip.
- **Magnetic Attachment:** Use the included clip magnets for a secure and discreet attachment under clothing.
- **Lanyard:** Thread a lanyard through the designated loop for wearing around the neck.



Figure 5: Illustrates the versatility of the DJI Mic Mini transmitter's wearing options, including clipping onto clothing, using a magnetic attachment for discreet placement, and wearing with a lanyard.

2. Audio Quality and Transmission

The DJI Mic Mini delivers detail-rich, high-quality audio. It boasts a maximum transmission range of 400 meters (1312 ft), ensuring stable recording even in challenging outdoor environments.



Figure 6: A camera setup with the DJI Mic Mini receiver attached, emphasizing the system's 400-meter maximum transmission range for stable audio capture in various settings.

3. Noise Cancelling

The system features two levels of active noise cancelling:

- **Basic:** Ideal for quiet indoor settings, reducing ambient fan or air conditioning noise.
- **Strong:** Excels in noisy environments, such as urban settings, to provide clear vocals.

To enable or disable noise cancelling, press the power button on the DJI Mic Mini transmitter once. When recording with a phone or camera, you can adjust noise cancellation levels (Strong or Basic) using the DJI Mimo app. Strong and Basic noise cancellation levels can be set directly on the product interface when using an Osmo Action 5 Pro, Osmo Action 4, or Osmo Pocket 3 connected to one or more transmitters via DJI OsmoAudio™ Direct Connection.

4. Automatic Limiting

The DJI Mic Mini includes an automatic limiting feature that prevents audio clipping. If the audio input level becomes too high, the system will automatically lower the volume to ensure reliable and clear audio quality.

5. Gain Adjustment

Gain can be quickly adjusted in five levels using the dial on the receiver, making operation convenient and efficient.

6. Recording Modes (Mono & Stereo, Safety Track)

The DJI Mic Mini supports both mono and stereo recording. With dual channels, audio can be output separately or combined into a single track for more flexibility in post-production. Additionally, a safety track feature records a second audio track at a lower gain level (6 dB lower) than the main track, providing a backup to prevent clipping and distortion.

7. Firmware Updates

To ensure optimal performance and access to the latest features, it is recommended to keep your DJI Mic Mini's firmware updated. Connect the transmitter to your phone via Bluetooth to update firmware through the Mimo app. Use a USB-C adapter to connect the receiver and update the system with a single tap. For the best product usage experience, log in to the DJI official website to download the latest version of DJI Mimo.

Maintenance

Proper maintenance ensures the longevity and performance of your DJI Mic Mini system:

- **Cleaning:** Use a soft, dry cloth to clean the transmitters, receiver, and charging case. Avoid using liquid cleaners or solvents.
- **Storage:** Always store the DJI Mic Mini components in the charging case when not in use. This protects them from dust and physical damage and keeps them charged. The windscreens do not need to be removed when stored in the case.
- **Battery Care:** For long-term storage, ensure the batteries are charged to approximately 50-60% to preserve battery health. Recharge them every three months if not used regularly.
- **Environmental Conditions:** Avoid exposing the device to extreme temperatures, high humidity, or direct sunlight.

Troubleshooting

This section addresses common issues you might encounter with your DJI Mic Mini:

Issue	Possible Cause / Solution
No Audio Output / Poor Audio Quality	Ensure transmitters and receiver are properly paired and powered on. Check cable connections (3.5mm TRS, USB-C/Lightning adapters) are secure. Verify gain levels on the receiver are appropriately set. Enable or adjust noise cancelling levels (Basic/Strong) via transmitter power button or DJI Mimo app, especially in noisy environments. Ensure automatic limiting is enabled to prevent clipping.
Intermittent Connection / Signal Dropouts	Ensure you are within the 400m transmission range. Minimize obstacles between the transmitter and receiver. Check for strong electromagnetic interference in the environment. Ensure batteries are sufficiently charged.

Issue	Possible Cause / Solution
Cannot Record with Phone's Native Camera (Bluetooth)	When connecting a transmitter directly to a smartphone via Bluetooth, audio recording is only supported through third-party applications, not the phone's native camera app. Refer to the DJI official website for a list of compatible apps.
Adapters / Components Not Interchangeable	DJI Mic Mini's Type-C and Lightning adapters are not interchangeable with mobile phone adapters from DJI Mic, DJI Mic 2, or DJI Pocket 2. Similarly, DJI Mic Mini's transmitters and receiver are not compatible with those of DJI Mic and DJI Mic 2.
Transmitter Not Recording Internally	The DJI Mic Mini transmitter does not have internal storage and cannot be used as a standalone voice recorder.
Cannot Play Back Audio on Phone While Receiver is Connected	You can play back recorded audio on a mobile phone without removing the receiver.

SPECIFICATIONS

Feature	Detail
Manufacturer	DJI
Model Name (Components)	TX: DMMT01, RX: DMMR01, Charging Case: DMMC01
Item Model Number	6941565991454
UPC	190021116559
Product Dimensions (L x W x H)	3.78 x 2.32 x 1.61 inches
Item Weight	6.3 ounces (178 Grams)
Transmitter Weight	10 g (without clip magnet)
Batteries	4 CR5 batteries required (included)
Connectivity Technology	Bluetooth, USB, DJI OsmoAudio
Max Transmission Range	400 meters (1312 ft)
Battery Life (with Charging Case)	Up to 48 hours
Special Features	Powerful Noise Cancelling, Small and Ultralight, Extended Battery, Detail-Rich Sound, DJI Ecosystem Direct Connection
Compatible Devices	DJI Osmo Action 5 Pro, DJI Osmo Action 4, DJI Osmo Pocket 3
Color	Black

Official Product Video

Watch the official introduction video for the DJI Mic Mini to learn more about its features and how it works:

Your browser does not support the video tag.

Video: DJI Mic Mini Introduction Video. This video provides a concise overview of the product's design, key features, and usage scenarios, presented by the manufacturer.

Warranty and Support

DJI provides an official warranty and one-stop technical support for the DJI Mic Mini. For detailed warranty information, service terms, and to access technical support resources, please visit the official DJI website. You can also find updated drivers, firmware, and comprehensive FAQs on their support pages.
For further assistance, please refer to theDJI Support Page.

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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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