

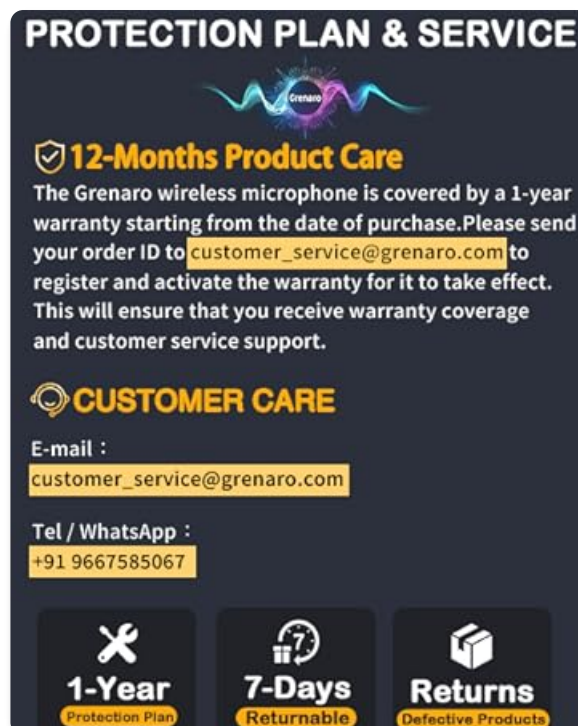
## GRENARO Single Universal-Black

# GRENARO Wireless Microphone Instruction Manual

Model: Single Universal-Black

## 1. INTRODUCTION

Thank you for choosing the GRENARO Wireless Microphone. This device is designed to provide high-quality audio recording for various applications, including vlogging, live streaming, interviews, and online teaching. Featuring advanced noise reduction, long battery life, and broad compatibility, this microphone offers a seamless recording experience. Please read this manual carefully to ensure proper use and optimal performance.



The GRENARO Wireless Microphone system, including the microphone transmitter and its digital display charging case.

## 2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x Wireless Microphone Transmitter

- 1 x Type-C Receiver
- 1 x Type-C to Lightning Adapter for iOS
- 1 x USB to Type-C Cable
- 1 x Digital Display Charging Case



An illustration showing all included components: microphone, receiver, adapters, and charging cable.

### 3. SETUP GUIDE

#### 3.1 Initial Charging

Before first use, ensure the microphone and charging case are fully charged. The first charge may take longer as the battery management system initializes. The digital display on the charging case shows the remaining power percentage.

**Important Note:**

- Please remove the protective partition from the microphone's charging port after receiving the product. This partition prevents dust and dirt contamination during shipping.
- When the battery charges to 40%, it may pause for approximately 20 minutes for internal software calibration. After calibration, it will resume charging to 100% within another 10 minutes.

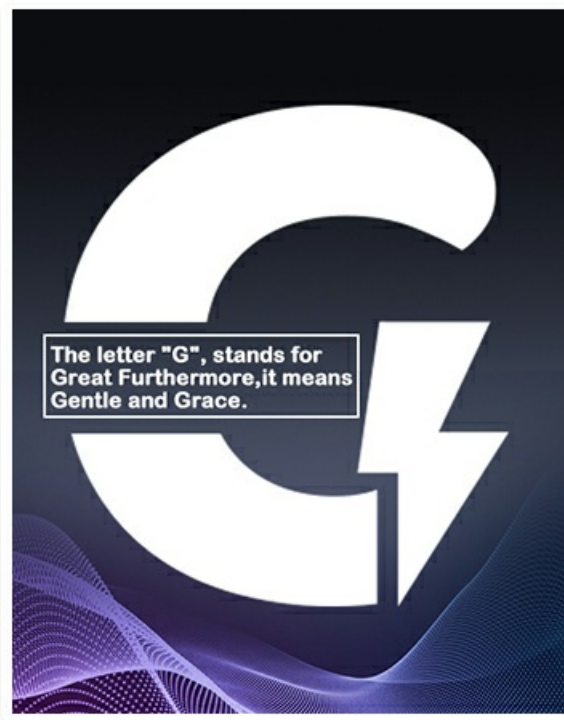


The charging case with its digital display indicating battery percentage, and the microphone being charged.

### 3.2 Connecting to Your Device (Plug and Play)

The GRENARO Wireless Microphone features automatic pairing for ease of use. No app or Bluetooth connection is required.

1. Plug the Type-C receiver into your smartphone, tablet, or laptop's Type-C port. For iOS devices, use the included Type-C to Lightning adapter.
2. Turn on the microphone transmitter. The red indicator light on the receiver and the green indicator light on the microphone will remain on, indicating a successful connection.
3. You can now begin recording audio or video using your device's camera app or other recording applications.

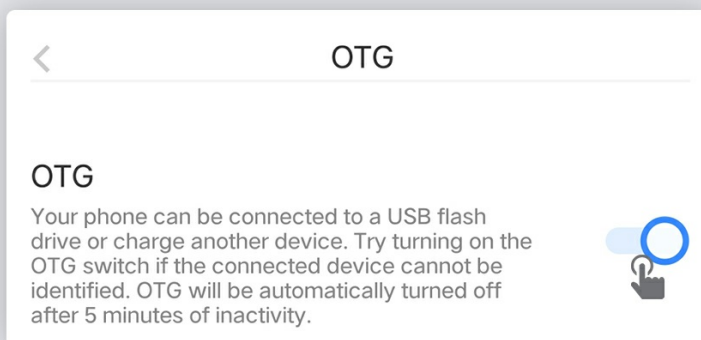


Visual guide for connecting the microphone receiver to a smartphone for instant use.

### 3.3 Android User Attention

For some Android devices, specific settings may be required for the microphone to function correctly:

- **Enable OTG Feature:** If the connection is unsuccessful, please enable the OTG (On-The-Go) feature in your phone's settings. This allows Android phones to connect directly to external devices. Note that OTG may automatically turn off after 5 minutes of inactivity on some models.
- **Third-Party Camera App:** If your device's default camera app does not support external wireless microphones for video recording, you may need to download a third-party application such as "Open Camera". Within the Open Camera app, go to **Settings > Video Settings > Audio Source** and select **External mic (if present)**.



#### Enabling OTG on Android Phone

The OTG feature allows Android phones to connect directly to external devices. The OTG setting on some smartphones is disabled by default, and a few models require manual activation.

Instructions for enabling OTG (On-The-Go) functionality on Android devices to ensure proper microphone detection.



OpenCamera

Open Source Camera App for Android

#### Download "Open Camera" App

When cellphone's default camera App doesn't support wireless microphone connection, please download "Open Camera" App and set it as follow:

"Video setting"- "Audio source"- "External mic(if present)"

Guidance on using the 'Open Camera' app for Android devices that may not natively support external microphones for video recording.

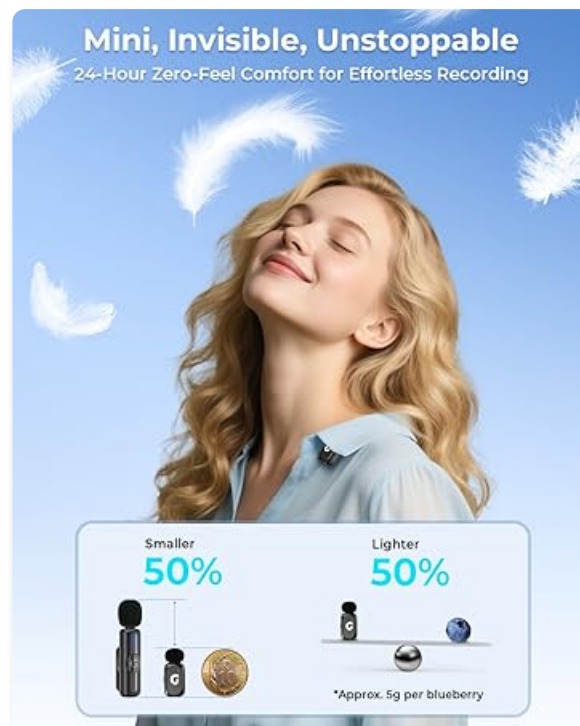
## 4. OPERATING INSTRUCTIONS

### 4.1 Noise Reduction

The GRENARO Wireless Microphone features a DSP intelligent noise reduction chip, offering 3 adjustable levels of noise reduction. This allows you to optimize audio quality based on your environment, whether quiet indoors or noisy outdoors.

- **Level 1:** Normal noise reduction.
- **Level 2:** Increased noise reduction.
- **Level 3:** Maximum noise reduction for very noisy environments.

Adjust the noise reduction level by pressing the button on the microphone transmitter.



Visual representation of the 3-level adjustable noise cancellation technology, showing waveform differences before and after noise reduction.



## 4.2 Audio Modes

The microphone supports different audio modes to suit various recording needs:

- **Noise Reduction Mode:** Ideal for vlogs, podcasts, and YouTube videos, focusing on clear voice capture by minimizing background noise.
- **Reverb Mode:** Suitable for video recording, live streams, or blogs where a richer, more ambient sound is desired.
- **Mute Mode:** For interviews, meetings, or reports where temporary silence is needed without disconnecting the microphone.



Depiction of the three distinct audio modes: Noise Reduction for clear speech, Reverb for enhanced sound, and Mute for silent operation.

## 5. KEY FEATURES

### 5.1 Digital Display Charging Box

The charging case features an LED power display that shows the remaining battery percentage (1%-100%), allowing you to monitor battery levels at all times.

### 5.2 Broad Compatibility

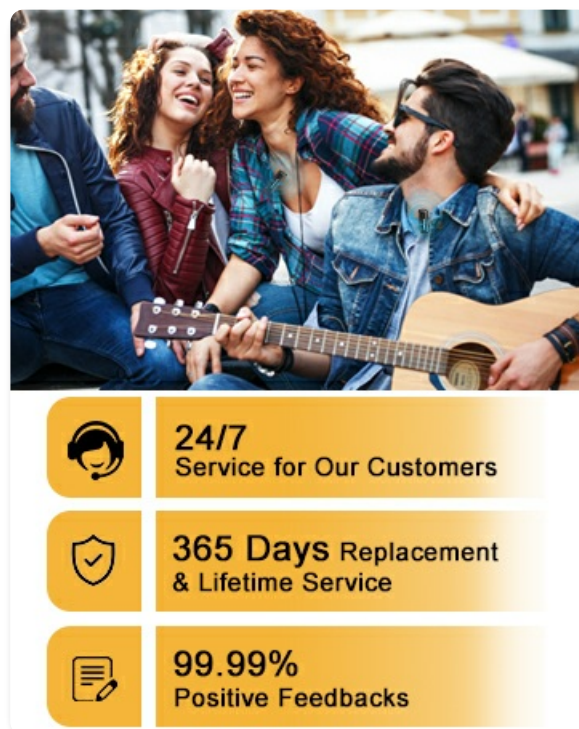
The GRENARO wireless microphone is compatible with a wide range of devices, including iPhones, iPads, Android smartphones, and tablets with Type-C or USB-C ports (supporting OTG function). It comes with a Type-C to Lightning adapter for iOS devices.



Illustrates the microphone's compatibility with both Android (Type-C) and iOS (Lightning via adapter) devices, including phones, tablets, and laptops.

### 5.3 Long-Distance Transmission

Utilizing 2.4GHz wireless transmission technology, the microphone offers a stable connection with a transmission distance of up to 30 meters (98 feet). It features real-time auto-sync technology with a low delay of 0.009 seconds, ensuring clear recording even from a distance.



A visual representation of the microphone's 30-meter (98-foot) wireless transmission range, highlighting its low latency and real-time auto-sync capabilities.

### 5.4 Omnidirectional Sound Reception

The microphone is designed for 360° wide-range sound reception, capturing every detail with high sensitivity.



An illustration demonstrating the microphone's 360-degree omnidirectional sound pickup capability.

### 5.5 Long Battery Life

Each wireless microphone provides up to 8 hours of recording time on a single charge, after approximately 1-2 hours of charging.



Visual highlighting the 8-hour battery life of the GRENARO wireless microphone.

## 6. MULTI-SCENE APPLICATION

The GRENARO Wireless Microphone is versatile and suitable for various recording scenarios:

- **Vlogging:** Capture clear audio for your daily vlogs.
- **Live Streaming:** Ensure professional sound quality for your live broadcasts.
- **Interviews:** Record crisp conversations with ease.
- **Video Recording:** Enhance the audio of your recorded videos.
- **Online Teaching:** Deliver clear lectures and presentations.





A collage showcasing diverse applications of the GRENARO wireless microphone, including vlogging, live streaming, interviews, video recording, and online teaching.

## 7. MAINTENANCE

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To ensure the longevity and optimal performance of your GRENARO Wireless Microphone, please follow these maintenance guidelines:

- Keep the microphone and charging case clean and dry. Avoid exposure to moisture or extreme temperatures.
- Store the device in its charging case when not in use to protect it from dust and physical damage.
- Use the provided USB to Type-C cable for charging. Avoid using unapproved chargers or cables.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.

## 8. TROUBLESHOOTING

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If you encounter any issues with your GRENARO Wireless Microphone, please refer to the following common solutions:

### 8.1 Connection Issues (Android)

- **Microphone not detected:** Ensure the OTG feature is enabled in your Android phone's settings.
- **No audio in video recording:** If using the default camera app, try downloading a third-party app like "Open Camera" and configure its audio source to "External mic (if present)" as described in Section 3.3.

### 8.2 Charging Issues

- **Microphone not charging:** Ensure the protective partition has been removed from the microphone's charging port.
- **Battery percentage stuck at 40%:** This is a normal calibration process during the initial charge. Wait approximately 20 minutes for calibration to complete, and charging will resume to 100%.
- **First charge takes longer:** The initial charge may take several hours as the battery management

system is initialized. This is normal and helps maximize battery lifespan.

8.3 General Issues

- **Poor audio quality:** Adjust the noise reduction level according to your environment (see Section 4.1). Ensure the microphone is positioned correctly.
- **Intermittent connection:** Ensure you are within the 30-meter (98-foot) transmission range and there are no significant obstructions between the microphone and receiver.

9. SPECIFICATIONS

Feature	Detail
Model	Single Universal-Black
Compatible Devices	Laptop, iPhone, Tablet, Smartphone (iOS & Type-C Android Devices)
Colour	Black Yellow
Polar Pattern	Omnidirectional
Audio Sensitivity	80 dB
Item Weight	110 Grams
Impedance	600 Ohm
Microphone Form Factor	Lavalier
Item Dimensions (L x W x H)	6.3 x 5.5 x 2.5 Centimeters
Power Source	Battery Powered (1 Lithium Ion battery required)
Material	Plastic
Signal-to-Noise Ratio	70 dB
Number of Channels	2
Frequency Range	20 Hz - 20 KHz
Frequency Response	18 KHz
Noise Level	80 dB
Connectivity Technology	2.4 Ghz
Special Features	3 Level Noise Reduction Function, Reverb Function, Silent Mode Function, Remaining Battery Level Display on Charging Case

## 10. WARRANTY AND SUPPORT

The GRENARO wireless microphone comes with a **1-year warranty** and consultation service. If you have any questions or concerns during use, please do not hesitate to contact our customer support team.

### Customer Support Contact:

- **Tel / WhatsApp:** +91 9667585067
- **E-mail:** [customer\\_service@grenaro.com](mailto:customer_service@grenaro.com)

Please provide your order ID when contacting customer service to register and activate your warranty.



**Grenaro**

**DIGITAL DISPLAY WIRELESS LAVALIER MICROPHONE  
WITH CHARGING CASE**

 30M Wireless Connection Distance	 360° Omnidirectional Pickup	 Intelligente Digital Display	 Plug and Play
 2.4GHz Wireless Technology	 Real-time Monitoring Sound	 Widely Compatible	 Long Battery Life

Information regarding the 1-year protection plan and customer support contact details for GRENARO products.