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### MAONO GamerWave DGM20 Gaming Microphone

# MAONO USB Gaming Microphone User Manual

Model: GamerWave DGM20

Brand: MAONO

## 1. INTRODUCTION

The MAONO GamerWave DGM20 is a high-performance USB condenser microphone designed for gaming, streaming, recording, podcasting, and online communication. It features advanced noise cancellation, customizable RGB lighting, intuitive controls, and plug-and-play compatibility for a seamless user experience.





Figure 1.1: MAONO GamerWave DGM20 USB Gaming Microphone.

## 2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- USB Gaming Microphone (GamerWave DGM20) x1
- Sturdy Desktop Stand x1
- Pop Filter x1
- Shock Mount x1
- USB-C to USB-A/USB-C 2-in-1 Cable x1
- Boom Arm Adapter x1
- User Manual x1



Figure 2.1: Included components of the GamerWave DGM20 kit.

### 3. FEATURES OVERVIEW

- **Voice Clarity with Noise Cancellation:** Equipped with a one-key noise cancellation function (long press for 3 seconds to turn on/off) to suppress background noises. The cardioid polar pattern focuses on sound directly in front of the mic.
- **Stunning RGB Lighting:** Dynamic multicolor, breathing light, or static solid color modes to enhance your gaming setup.
- **One-Click Mute with LED Indicator:** Instantly mute the mic with a single click. Red LED indicates mute, green indicates active.
- **Mic Gain Control and Monitoring:** Adjust microphone sensitivity with the gain control knob. Real-time audio monitoring available via the 3.5mm headphone jack.
- **Plug and Play:** Simple connection via USB-C to USB/USB-C 2-in-1 cable to PC, computer, laptop, desktop, Mac, and Android phones. (Note: Not compatible with XBOX).

- **All-in-One Kit:** Includes microphone, sturdy stand, pop filter, shock mount, and cables for immediate use.

## 4. SETUP GUIDE

1. **Unpack Components:** Carefully remove all items from the packaging.
2. **Assemble Stand:** Attach the microphone to the sturdy desktop stand. Ensure the shock mount is securely in place to eliminate desktop vibrations.
3. **Attach Pop Filter:** Secure the pop filter to the microphone assembly. The pop filter helps to reduce plosive sounds (like 'p' and 'b') for clearer audio.
4. **Connect to Device:** Use the provided USB-C to USB-A/USB-C 2-in-1 cable. Plug the USB-C end into the microphone and the appropriate USB-A or USB-C end into your computer, laptop, desktop, Mac, PS4, PS5, or Android phone. The microphone is plug-and-play and does not require additional drivers.



Figure 4.1: Simple plug-and-play connection for the microphone.

## 5. OPERATING INSTRUCTIONS

### 5.1 Noise Cancellation

The microphone features a one-key noise cancellation function to minimize background noise. This is particularly useful in noisy environments to ensure your voice comes through clearly.

- **Activate/Deactivate:** Long press the noise cancellation button (usually integrated with the mute button) for 3 seconds to toggle the feature on or off.

**One-click Noise Cancellation**  
Improve game streaming recording quality

**Before** Voice  Noise   
**After** Voice  Noise

maono DGM20 linked English | - X  
Noise Cancelling  ON Factory Reset  
- 50 +  
1 100

! Software for customizing noise cancellation  
↓ Download in MAONO official website

Figure 5.1: Visual representation of noise cancellation.

Your browser does not support the video tag. Please update your browser.

Video 5.1: Demonstration of MAONO's noise cancellation feature.

### 5.2 RGB Lighting

Customize the microphone's appearance with various RGB lighting modes.

- **Change Modes:** Short press the RGB lighting button (usually on top) to cycle through static solid colors, dynamic breathing light, and dynamic multi-color gradient modes.
- **Turn Off:** Long press the RGB lighting button for 3 seconds to turn off the lights.

# Controllable RGB Lights

Creates a cool atmosphere for gaming

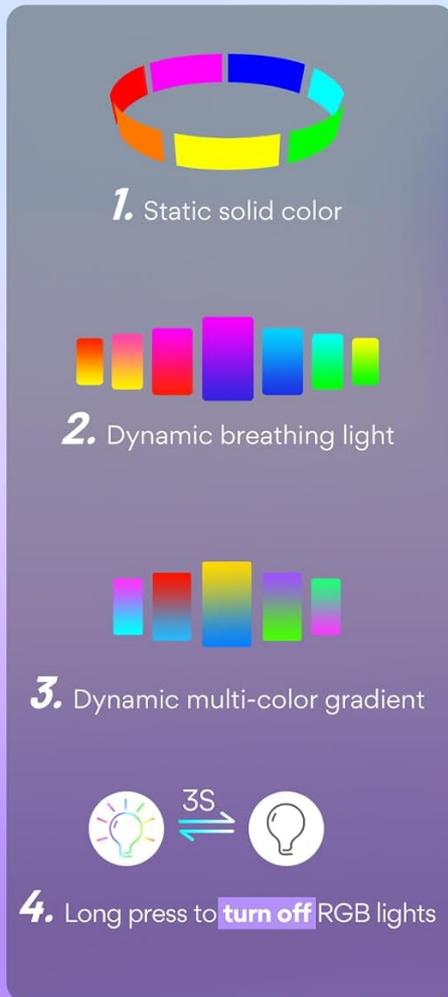


Figure 5.2: Various RGB lighting options for personalization.

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Video 5.2: Demonstration of MAONO Gaming Mic RGB Light features.

## 5.3 Mute Function

Quickly mute or unmute your microphone during use.

- **Toggle Mute:** Press the mute button once to mute the microphone. The LED indicator will turn red. Press again to unmute, and the LED will turn green.



Figure 5.3: Mute button and LED indicators.

#### 5.4 Mic Gain Control & Monitoring

Adjust the microphone's sensitivity and monitor your audio in real-time.

- **Adjust Gain:** Rotate the 'Mic Gain' knob located at the base of the microphone to increase or decrease sensitivity.
- **Real-time Monitoring:** Plug headphones into the 3.5mm jack on the microphone for zero-latency monitoring of your voice.



Figure 5.4: Mic gain control and headphone monitoring.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your MAONO USB Gaming Microphone, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the microphone's exterior. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the microphone in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handle with Care:** Avoid dropping the microphone or subjecting it to strong impacts, as this can damage internal components.
- **Cable Management:** Do not excessively bend or pull the USB cable. Store it neatly to prevent tangles and damage.

## 7. TROUBLESHOOTING

If you encounter issues with your microphone, refer to the following common troubleshooting steps:

- **No Sound Output:**

- Ensure the USB cable is securely connected to both the microphone and your device.
- Check your device's sound settings to confirm the MAONO GamerWave DGM20 is selected as the input device.
- Verify the mic gain knob is not set to minimum.
- Ensure the microphone is not muted (red LED indicator).

- **Background Noise/Echo:**

- Activate the noise cancellation feature by long-pressing the button for 3 seconds.
- Adjust the mic gain to an appropriate level; too high gain can pick up more ambient noise.
- Ensure you are speaking directly into the front of the microphone (where the logo is visible) due to its cardioid polar pattern.

- **RGB Lights Not Working:**

- Check the USB connection.
- Short press the RGB button to cycle through modes. If off, long press for 3 seconds to turn on.

- **Audio Distortion:**

- Reduce the mic gain if your audio sounds distorted or