



Manuals.plus /

› MAONO /

› MAONO MAONOCASTER G1 NEO Mixer and PD200X Microphone Kit User Manual

## MAONO G1 NEO / PD200X

# MAONO MAONOCASTER G1 NEO Mixer and PD200X Microphone Kit User Manual

Model: G1 NEO / PD200X

[Introduction](#)   [Package Contents](#)   [Product](#)  
[Overview](#)   [Setup](#)   [Operation](#)   [Maintenance](#)   [Troubleshooting](#)   [Specifications](#)   [Support](#)

## 1. INTRODUCTION

---

This user manual provides detailed instructions for the MAONO XLR/USB Dynamic Microphone and Gaming Mixer Kit, featuring the MAONOCASTER G1 NEO mixer and the PD200X dynamic microphone. This kit is designed for live streaming, podcasting, content creation, and gaming, offering versatile connectivity and sound control. Please read this manual thoroughly before using the product to ensure proper setup and operation.

## 2. PACKAGE CONTENTS

---

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

- MAONOCASTER G1 NEO Gaming Mixer
- MAONO PD200X USB Dynamic Microphone
- Microphone Boom Arm
- USB-C to USB-A Cable (for mixer power and data)
- USB-C to USB-C Cable (for mixer power and data)
- 3.5mm Audio Cables (quantity may vary)
- User Manual

**Note:** An XLR cable for connecting the microphone to the mixer is not included in the package and must be purchased separately if needed.

## 3. PRODUCT OVERVIEW

---

### 3.1 MAONOCASTER G1 NEO Gaming Mixer

The MAONOCASTER G1 NEO is a compact gaming mixer designed to enhance your audio experience with various

controls and effects.



Image: The MAONOCASTER G1 NEO gaming mixer, showcasing its compact design and vibrant RGB lighting.

### Mixer Controls and Ports:

- **Gain Knob:** Adjusts the input sensitivity of the microphone.
- **Reverb Knob:** Controls the intensity of the reverb effect.
- **Headphones Knob:** Adjusts the volume of the connected headphones.
- **Noise Reducer Button:** Activates 2-level background noise reduction.
- **Voice Changer Button:** Cycles through various voice effects (female, male, baby, robot).
- **Direct Monitor Button:** Enables real-time monitoring of your microphone input.
- **Loopback Button:** Mixes computer audio with your microphone for streaming.
- **SideChain Button:** Activates audio ducking, lowering background audio when you speak.
- **RGB Button:** Cycles through 12 different RGB lighting modes.
- **Custom Soundpads (4):** Programmable pads for triggering sound effects.
- **Mute Buttons (Voice/Music):** Mutes microphone or music input.
- **48V Phantom Power Switch:** Provides 48V power for compatible condenser microphones.
- **USB-C (DC=5V) Port:** For power input.
- **USB Port:** For data connection to PC/PS5.
- **OUT Port:** Main audio output.
- **AUX IN Port:** Auxiliary audio input.
- **XLR Mic Input:** For connecting an XLR microphone.

### 3.2 MAONO PD200X USB Dynamic Microphone

The PD200X is a dynamic microphone offering both USB and XLR connectivity for versatile use.

# EASY TO USE

2-in-1 smart knob, everything in your control



Image: The MAONO PD200X dynamic microphone mounted on an adjustable boom arm, ready for use.

## Microphone Features:

- **2-in-1 Smart Knob:** Controls both microphone gain and headphone volume.
- **One-Click Mute Key:** Instantly mutes the microphone with an LED indicator.
- **3.5mm Headphone Jack:** For direct monitoring of your audio.
- **USB-C Port:** For direct connection to a computer.
- **XLR Port:** For connection to the MAONOCASTER G1 NEO mixer or other audio interfaces.
- **Cardioid Polar Pattern:** Reduces background noise, focusing on the sound source in front of the microphone.

## 4. SETUP GUIDE

---

Follow these steps to set up your MAONO XLR/USB Dynamic Microphone and Gaming Mixer Kit.

### 4.1 Initial Assembly

1. Carefully unpack all components from the box.
2. Attach the PD200X microphone to the provided boom arm. Secure it firmly.

- Place the MAONOCASTER G1 NEO mixer on a stable, flat surface.

## 4.2 Connecting the Microphone and Mixer

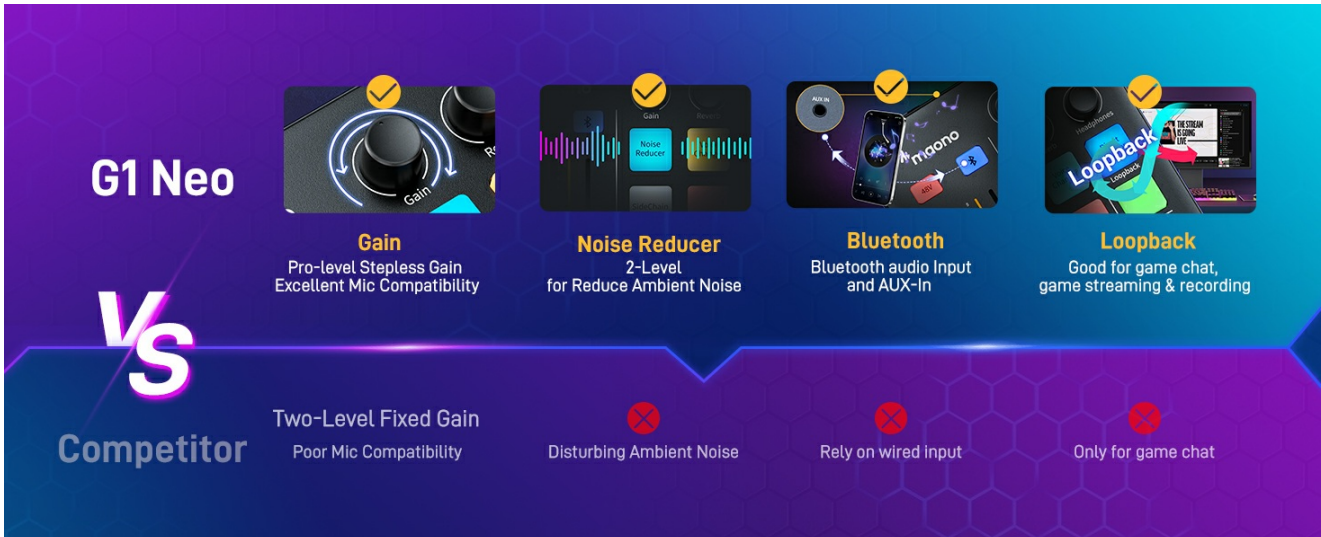


Image: The MAONO PD200X microphone highlighting its USB-C and XLR connectivity ports.

- Microphone to Mixer (XLR):** Connect the PD200X microphone to the XLR input on the MAONOCASTER G1 NEO mixer using an XLR cable (not included).
- Microphone Direct to PC (USB):** For direct USB microphone use, connect the PD200X microphone's USB-C port directly to your computer using a USB cable.

## 4.3 Powering the Mixer and Connecting to Devices



Image: Rear panel of the MAONOCASTER G1 NEO mixer, illustrating connections for Gaming PC, Headphones, and Microphone.

- Power:** Connect the USB-C cable to the DC=5V port on the MAONOCASTER G1 NEO mixer and then to a suitable power source (e.g., computer USB port, USB wall adapter).
- To PC/Mac:** Connect the mixer's USB port to your computer using the provided USB cable. Your computer should automatically detect the device.
- To PS4/PS5:** Connect the mixer's USB port to your PlayStation console using the provided USB cable.
- Mobile Gaming:**
  - Connect your streaming smartphone to the mixer's USB-C port.
  - Connect an accompaniment smartphone to the mixer's AUX IN port using a 3.5mm audio cable.
  - Note:** If your phone lacks a 3.5mm or USB-C audio interface, an official OTG adapter may be required.
- Headphones:** Connect your headphones to the "Headphones" output on the mixer for monitoring all audio, or to the 3.5mm jack on the PD200X microphone for direct microphone monitoring.

## 5. OPERATING INSTRUCTIONS

This section details how to use the various features of your MAONO XLR/USB Dynamic Microphone and Gaming Mixer Kit.

### 5.1 Basic Audio Control



Image: Close-up of the MAONO PD200X microphone's 2-in-1 smart knob, illustrating its function for mic gain and headphone volume adjustment.

- **Power On/Off:** Press the power button on the MAONOCASTER G1 NEO mixer to turn it on or off.
- **Microphone Gain:** Adjust the "Gain" knob on the mixer or the 2-in-1 smart knob on the PD200X microphone to control microphone input sensitivity.
- **Headphone Volume:** Adjust the "Headphones" knob on the mixer or the 2-in-1 smart knob on the PD200X microphone to control your monitoring volume.
- **Mute Function:**
  - On PD200X: Press the one-click mute key on the microphone. The LED indicator will change.
  - On G1 NEO: Use the dedicated "Voice Mute" and "Music Mute" buttons to silence microphone or music input respectively.

## 5.2 Advanced Audio Features



Image: The MAONOCASTER G1 NEO mixer, illustrating its capabilities including 60dB preamp, 48V phantom power, 48kHz/16bit audio, and 2-level noise reduction.

- **Noise Reduction:** Press the "Noise Reducer" button on the mixer to activate 2-level background noise reduction, improving vocal clarity.
- **Voice Changer:** Press the "Voice Changer" button to cycle through different voice effects such as female, male, baby, or robot.
- **Reverb:** Rotate the "Reverb" knob to add an echo effect to your voice.
- **SideChain:** Activate the "SideChain" button to automatically lower the volume of background music when you speak,

ensuring your voice is prominent.

- **Direct Monitor:** Press the "Direct Monitor" button to hear your microphone input in your headphones without any delay, allowing for real-time audio feedback.
- **Loopback:** Activate the "Loopback" button to mix your computer's audio output with your microphone input. This is useful for including game audio or music in your stream or recording.
- **Custom Soundpads:** Use the four customizable soundpads to trigger pre-recorded sound effects or jingles during your stream or podcast.
- **RGB Lighting:** Press the "RGB" button to cycle through 12 different lighting modes on the mixer, customizing its appearance.
- **Bluetooth Accompaniment:** Enable Bluetooth on your mobile device and pair it with the MAONOCASTER G1 NEO (look for "Maonocaster G1 Neo" in your device's Bluetooth settings) to stream accompaniment audio wirelessly to the mixer.
- **48V Phantom Power:** If using a condenser microphone that requires external power, press the "48V" button on the mixer to supply phantom power.

## 6. MAINTENANCE

---

Proper care ensures the longevity and optimal performance of your kit.

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the mixer and microphone. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the kit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the microphone and mixer with care. Avoid dropping or subjecting them to strong impacts.
- **Disassembly:** Do not attempt to disassemble or repair the unit yourself. This may void your warranty and cause damage.

## 7. TROUBLESHOOTING

---

If you encounter issues, refer to the following common problems and solutions:

### 7.1 No Sound from Microphone

- Check all cable connections (USB, XLR) to ensure they are secure.
- Verify that the microphone is powered on and connected correctly.
- Ensure the microphone gain and headphone volume knobs are not set to minimum.
- Check if the microphone or mixer is muted.
- Confirm that the correct input device is selected in your computer's sound settings or streaming software.

### 7.2 No Sound from Headphones

- Ensure headphones are securely plugged into the correct port on the mixer or microphone.
- Adjust the headphone volume knob on the mixer or microphone.
- Verify that the correct output device is selected in your computer's sound settings.

### 7.3 Background Noise or Hum

- Activate the "Noise Reducer" button on the mixer.
- Ensure the microphone is positioned correctly, utilizing its cardioid polar pattern to minimize ambient noise.
- Check for potential interference from other electronic devices or power sources.

### 7.4 Voice Changer/Sound Effects Not Working

- Ensure the mixer is powered on and the specific effect button is activated.
- Check if the mixer's firmware is up to date (refer to MAONO support for updates).

## 7.5 Connectivity Issues (USB/Bluetooth)

- For USB: Try connecting to a different USB port on your computer or console. Use a different USB cable if available.
- For Bluetooth: Ensure your device's Bluetooth is enabled and the mixer is in pairing mode. Keep devices within close range.

## 8. SPECIFICATIONS

Technical specifications for the MAONO XLR/USB Dynamic Microphone and Gaming Mixer Kit:

<b>Brand</b>	MAONO
<b>Model</b>	MAONOCASTER G1 NEO (Mixer), PD200X (Microphone)
<b>Connectivity Technology</b>	USB, XLR, Bluetooth
<b>Compatible Devices</b>	Headphones, PC, Mac OS, PS4/PS5, Mobile (with adapter)
<b>Material</b>	Metal (Microphone, Mixer Enclosure)
<b>Number of Channels</b>	2 (Mixer)
<b>Microphone Frequency Response</b>	40Hz-16kHz
<b>Phantom Power</b>	48V (selectable on mixer for compatible microphones)
<b>Microphone Gain Range</b>	Up to 60dB (via mixer)
<b>Noise Reduction</b>	2-Level
<b>RGB Lighting Modes</b>	12

## 9. WARRANTY AND SUPPORT

MAONO is committed to providing excellent customer service and support.



Image: Overview of MAONO's customer support offerings, including replacement, technical support, and customer service availability.

- **Warranty:** Enjoy a 365-day replacement policy for eligible products.
- **Technical Support:** Benefit from lifetime technical support for your MAONO products.
- **Customer Service:** Access 7/24H customer support for any inquiries or assistance.
- **Professional Debugging:** One-to-one debugging assistance is available from professional staff.
- **Online Resources:** Scan the QR code on the back of your physical user manual to access tutorial videos and contact MAONO directly for further assistance.