

MAONO PD100XS

MAONO PD100XS XLR/USB Gaming Microphone Kit

INSTRUCTION MANUAL

Introduction

Thank you for choosing the MAONO PD100XS XLR/USB Gaming Microphone Kit. This dynamic microphone is designed to deliver high-quality audio for streaming, podcasting, gaming, and recording. It features dual USB/XLR connectivity, customizable RGB lighting, and advanced software support for optimal sound control. Please read this manual carefully to ensure proper setup and operation.

The PD100XS offers a 24-bit/48kHz sampling rate for improved sound detail, double noise cancellation through a customized dynamic microphone core and Maono Link software, precise RGB brightness adjustment, and a convenient tap-to-mute function. It is compatible with Windows, Mac OS, PC, Laptop, PS4/PS5, and audio mixers.

What's in the Box

Your MAONO PD100XS Gaming Microphone Kit includes the following components:

- Dynamic Microphone x1
- User Manual x1
- USB-C to USB-A/C cable x1
- Mic Boom Arm x1
- CD (for software)

What's You Get?



Image: All components included in the MAONO PD100XS package, featuring the dynamic microphone, boom arm, USB cable, and user manual.

Note: XLR cable is not included.

Setup

Follow these steps to set up your MAONO PD100XS microphone:

1. **Assemble the Boom Arm:** Securely attach the mic boom arm to your desk using the provided C-clamp. Adjust the arm to your desired position.
2. **Attach the Microphone:** Mount the dynamic microphone onto the boom arm. Ensure it is firmly attached.
3. **Connect the Microphone:** You have two connectivity options:
 - **USB Connection:** Connect the supplied USB-C to USB-A/C cable from the microphone's USB-C port to an available USB port on your PC, Laptop, PS4, or PS5. This mode allows access to Maono Link software features.
 - **XLR Connection:** (XLR cable not included) Connect an XLR cable from the microphone's XLR port to a compatible audio interface or mixer. This mode is ideal for advanced audio setups.
4. **Install Maono Link Software (for USB Mode):** For advanced control over sound settings and RGB

lighting, download and install the Maono Link software from the official MAONO website. The software is compatible with Windows and Mac OS.



Image: Diagram illustrating the dual XLR and USB-C connectivity options for the MAONO PD100XS microphone, showing connections to PC, Mac OS, PS4/PS5, mixer, and audio interface.

Compatibility: Widely compatible with Windows, Mac OS, PC, Laptop, PS4/PS5, Discord, audio mixer. Not compatible with iPhone 17 and XBOX.

Video: A demonstration of setting up a dynamic microphone with a boom arm, showing the process of attaching the microphone to the arm and connecting it to a desk.

Operating Instructions

The MAONO PD100XS offers intuitive controls for an enhanced audio experience:

- **Tap-to-Mute Button:** Located on the microphone, a silent soft-touch mute key allows you to instantly mute/unmute your audio. This is particularly useful during live streams or calls to prevent unwanted sounds from being transmitted. (USB Mode Only)
- **Gain Control:** The microphone features a gain knob to adjust the microphone input level and a separate headphone gain knob to control the volume of your live monitoring. (USB Mode Only)
- **RGB Lighting Control:** The microphone features a unique RGB design with 3 modes and 9 color options. You can customize static and dynamic RGB lighting effects. Adjust color, brightness, or turn off the lights using the Maono Link software or the bottom RGB button. (USB Mode Only)

Simple Operation and Free Adjustment

One-Touch Mute Avoids Embarrassment



Image: Close-up view of the MAONO PD100XS microphone showing the tap-to-mute button, mic gain knob, and headphone gain knob, along with instructions for turning off RGB lights.

Maono Link Software (USB Mode Only)

When connected via USB, the Maono Link software unlocks advanced audio customization:

- **Double Noise Cancellation:** Utilize the latest self-developed algorithm to minimize ambient noise. The software allows you to freely adjust the noise reduction level to suit various environments.
- **Customizable EQ:** Tailor your audio output with 4 preset EQ modes and 7 adjustable EQ bands. Choose from Flat, High Pass, Presence Boost, or High-Pass and Presence Boost for different recording scenarios.
- **Tone Presets:** Select from 4 tone presets to make your voice sound unique.



Image: Screenshot of the Maono Link software interface displaying various EQ modes and adjustable bands for sound customization.

Video: A user demonstrating the microphone's sound quality and features, including the tap-to-mute function and RGB lighting, in a home studio setup.

Maintenance

To ensure the longevity and optimal performance of your MAONO PD100XS microphone, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the microphone and boom arm regularly. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the microphone in a clean, dry place away from extreme temperatures and humidity.
- **Handling:** Handle the microphone and boom arm with care to prevent damage. Avoid dropping or subjecting them to strong impacts.

Troubleshooting

If you encounter any issues with your MAONO PD100XS microphone, refer to the following common solutions:

- **Popping Sounds or Ambient Noise:**
 - Ensure the microphone is positioned correctly, ideally slightly off-axis from your mouth, to reduce plosives.
 - Utilize the Maono Link software's double noise cancellation feature and adjust the noise reduction level.
 - Consider using acoustic treatment in your recording environment to minimize room echo and background noise.
- **Sound is Too Quiet:**
 - Check the microphone gain knob on the device and adjust it to an appropriate level.
 - Verify the input volume settings in your computer's sound settings or Maono Link software.
- **Handling Noise:**
 - Ensure the boom arm is securely clamped to your desk and that the microphone is tightly mounted.

- Avoid touching the microphone or boom arm unnecessarily during recording.
- **Software Issues (Maono Link):**
 - Ensure your microphone is connected via USB for Maono Link functionality.
 - Check for software updates on the official MAONO website.
- **Compatibility:**
 - The MAONO PD100XS is not compatible with iPhone 17 or Xbox consoles.

Specifications

Feature	Detail
Model Name	PD100XS
Brand	MAONO
Connectivity Technology	USB, XLR
Connector Type	USB, XLR
Microphone Form Factor	Gooseneck
Polar Pattern	Unidirectional
Frequency Response	48 Hz - 16 KHz
Sampling Rate	24-bit/48kHz
Signal-to-Noise Ratio	99 dB
Special Feature	Mute Function, Volume Control, RGB Lighting
Compatible Devices	Audio Interface, Audio Mixer, Laptop, Mac OS, Personal Computer, PS4/PS5
Material	ABS Plastic, Durable Metal
Item Weight	1.03 Kilograms (2.27 pounds)
Package Dimensions	16.65 x 7.2 x 3.31 inches
Date First Available	October 20, 2024

Warranty and Support

For warranty information and technical support, please visit the official MAONO website or contact their customer service. Keep your purchase receipt for warranty claims.

Online resources, including FAQs and updated software, are available on the MAONO support page.

