

MAONO PM450S

MAONO USB Podcast Microphone Bundle with Monitor Headphones

Model: PM450S

Brand: MAONO

INTRODUCTION

This manual provides comprehensive instructions for setting up, operating, and maintaining your MAONO USB Podcast Microphone Bundle with Monitor Headphones. This bundle is designed for podcasters, content creators, and streamers, offering high-quality audio capture and monitoring capabilities.



Image: The complete MAONO USB Podcast Microphone Bundle, including the condenser microphone, adjustable boom arm, and monitor headphones with a 3.5mm adapter.

WHAT'S INCLUDED

Please check the package contents to ensure all items are present:

- MAONO PM450S Condenser Microphone
- Adjustable Boom Arm with Desk Clamp

- MAONO MH501 Monitor Headphones
- USB Cable (for microphone connection)
- 3.5mm to 6.35mm Audio Adapter (for headphones)
- User Manual (this document)

SETUP GUIDE

1. Microphone Assembly and Placement

1. Attach the desk clamp to a sturdy surface, such as a desk or table edge.
2. Insert the boom arm into the desk clamp and tighten the knob to secure it.
3. Screw the MAONO PM450S microphone onto the threaded end of the boom arm.
4. Adjust the boom arm to position the microphone appropriately for your recording needs. For optimal sound, position the microphone directly in front of the sound source (e.g., your mouth) at a distance of 6-12 inches.

Hi-Res Sound Quality

Delivers clear and detailed sound



Image: A detailed view of the MAONO PM450S microphone's internal structure, highlighting its Hi-Res Sound Quality capabilities for clear and detailed audio capture.

2. Connecting the Microphone

- Connect the USB cable from the microphone to an available USB port on your computer (PC, Laptop), smartphone, or tablet.
- The microphone is plug-and-play and should be automatically recognized by your operating system.
- For optimal performance, ensure the microphone is selected as the default input device in your system's sound settings and your recording software.

3. Connecting the Headphones

- Plug the 3.5mm jack of the MAONO MH501 headphones into the headphone output port on your computer, smartphone, tablet, or audio interface.
- If connecting to devices with a 6.35mm audio jack (e.g., audio mixer, amplifier), use the included 3.5mm to 6.35mm adapter.
- Ensure the headphones are selected as the default output device for monitoring in your system's sound settings or recording software.

WIDE COMPATIBILITY AND MULTI-PURPOSE

Detachcable 2-in-1 plug for different devices



3.5mm



PC



Laptop



iPhone



Tablet



iPad



Game



6.5mm



Recorder



Mixer



Amplifier



Image: The MAONO MH501 monitor headphones illustrating their wide compatibility with devices using 3.5mm jacks (PC, laptop, smartphone, tablet, iPad, game consoles) and 6.5mm jacks (recorder, mixer, amplifier) via the included adapter.

OPERATING INSTRUCTIONS

Microphone Controls (PM450S)

The MAONO PM450S features a versatile 3-in-1 adjustment knob for streamlined control:

3-in-1 Multi-Function Knob

Press and hold for two seconds to activate high-pass filters



* Knob control function can be realized simultaneously in MAONO Link

Image: A detailed view of the MAONO PM450S microphone's multi-function knob, indicating its capabilities for gain adjustment, mix adjustment, and volume control. Pressing and holding the knob for two seconds activates high-pass filters.

- **Volume Control:** Rotate the knob to adjust the headphone monitoring volume.
- **Gain Adjustment:** Rotate the knob to increase or decrease the microphone's input sensitivity (gain). Adjust this to prevent clipping or ensure sufficient signal level.
- **Monitoring Effects / Mix Adjustment:** This function allows you to blend the microphone input with your computer's audio playback for real-time monitoring.
- **Mute Function:** The microphone features a dedicated mute button. Press it once to mute the microphone (indicator light changes), and press again to unmute.
- **High-Pass Filter:** Press and hold the 3-in-1 knob for two seconds to activate the high-pass filter, which helps reduce low-frequency rumble and noise.



Image: The MAONO PM450S microphone positioned on a desk during a video call, demonstrating the one-touch mute functionality with clear "Mute" (red) and "Work" (green) indicators.

Maono Link Software Control

For advanced customization and control, download and install the Maono Link software from the official MAONO website. This software allows you to fine-tune your audio settings:

Full Stack **DSP** Audio Effects, Customize Your Recording

5

Custom EQ



11

Sound Effects



*You can save custom effects and share them with your partners

Image: A screenshot of the Maono Link software interface, showcasing its capabilities for full stack DSP audio effects, including a 5-band custom EQ and 11 built-in sound effects for detailed audio customization.

- **Noise Reduction:** Activate noise reduction mode to minimize background noise.
- **5-band EQ Settings:** Adjust the equalizer to shape the microphone's tonal characteristics (bass, mid-range, treble).
- **Microphone Gain:** Precisely fine-tune the microphone input gain.
- **Monitoring Ratio:** Adjust the balance between your microphone input and computer playback in your headphones.
- **DSP Effects:** Access 11 built-in DSP effects to enhance your sound.
- **Memory Function:** Save your customized sound profiles for quick recall.

Headphone Usage (MH501)

The MAONO MH501 headphones are designed for clear and accurate audio monitoring:

STUDIO HEADPHONES



Image: A person wearing the MAONO MH501 studio headphones, demonstrating their use for audio monitoring in a professional setting.

- **Comfortable Fit:** Adjust the headband and earcups for a comfortable and secure fit. The thick, closed-back ear pads help reduce external noise.
- **Monitoring:** Use the headphones to monitor your microphone input in real-time, as well as playback from your computer or audio device.
- **Portability:** The headphones feature a foldable design for easy storage and transport.

FOLDABLE DESIGN-SAVE SPACE



Image: The MAONO MH501 headphones in their folded configuration, highlighting their space-saving design for convenient storage and portability.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone and headphones. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the bundle in a clean, dry environment away from extreme temperatures and direct sunlight. The headphones can be folded for compact storage.
- **Cable Care:** Avoid bending or kinking cables excessively. Disconnect cables by pulling the plug, not the cord.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from microphone	<ul style="list-style-type: none">◦ Microphone not properly connected.◦ Microphone muted.◦ Incorrect input device selected in system settings or software.◦ Gain too low.	<ul style="list-style-type: none">◦ Ensure USB cable is securely plugged into both microphone and computer.◦ Press the mute button on the microphone to unmute.◦ Verify the MAONO PM450S is selected as the default recording device.◦ Increase the gain using the 3-in-1 knob or Maono Link software.
No sound from headphones	<ul style="list-style-type: none">◦ Headphones not properly connected.◦ Volume too low.◦ Incorrect output device selected.	<ul style="list-style-type: none">◦ Ensure 3.5mm/6.35mm jack is fully inserted.◦ Increase volume on headphones (if applicable), computer, or microphone's 3-in-1 knob.◦ Verify the headphones are selected as the default playback device.
Distorted or unclear audio	<ul style="list-style-type: none">◦ Gain too high (clipping).◦ Background noise.◦ Incorrect microphone placement.	<ul style="list-style-type: none">◦ Reduce microphone gain.◦ Activate noise reduction in Maono Link software.◦ Ensure microphone is positioned correctly and away from noise sources.

SPECIFICATIONS

MAONO PM450S Microphone

- **Model:** PM450S
- **Polar Pattern:** Unidirectional
- **Frequency Response:** 20Hz - 20kHz
- **Sampling Rate:** 48kHz/24bit
- **Connectivity:** USB
- **Power Source:** Corded Electric (USB powered)
- **Special Features:** 3-in-1 adjustment knob, Mute button, DSP functions, Maono Link software compatibility
- **Recommended Uses:** Gaming, Podcasting, Streaming, Voice Recording

MAONO MH501 Monitor Headphones

- **Model:** MH501

- **Driver Size:** 50mm large aperture
- **Connectivity:** 3.5mm Jack, includes 6.35mm adapter
- **Compatibility:** PC, Laptop, Smartphone, Tablet, iPad, Audio Mixer, Audio Interface, Phantom Power
- **Special Features:** Retractable cord, Foldable design, Thick closed-back ear pads

General Bundle Information

- **Brand:** MAONO
- **Hardware Platform:** Laptop, PC, Smartphone, Tablet
- **ASIN:** B0DF7J43LM
- **Date First Available:** August 26, 2024

WARRANTY AND SUPPORT

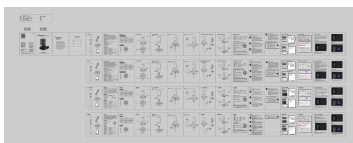
MAONO products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official MAONO website. If you encounter any issues or require technical assistance, please contact MAONO customer support through their official channels.

Online Resources:

- Official MAONO Website: www.maono.com
- Product Support Page: Check the MAONO website for product-specific support pages, FAQs, and driver downloads (e.g., Maono Link software).

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Documents - MAONO – PM450S



[MAONO PM450S Microphone User Manual - Setup and Operation Guide](#)

Comprehensive user manual for the MAONO PM450S microphone, covering setup, operation, and troubleshooting. Learn how to get the best audio performance.

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