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> [MAONO AU-PM325T Condenser Microphone User Manual](#)

MAONO PM325T

MAONO AU-PM325T Condenser Microphone User Manual

Model: PM325T | Brand: MAONO

INTRODUCTION

The MAONO AU-PM325T is a professional condenser microphone designed for high-quality audio capture. Featuring a 25mm large diaphragm and a cardioid polar pattern, it is suitable for various applications including podcasting, music recording, live streaming, gaming, and vocal performances. This manual provides essential information for setting up, operating, and maintaining your microphone.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Condenser Microphone (1)
- Shock Mount (1)
- Table Stand (1)
- Pop Filter (1)
- Wind Foam (1)
- XLR-3.5mm Cable (1)



Image: The MAONO AU-PM325T microphone with its shock mount, pop filter, table stand, and connecting cable.

FEATURES

- **25mm Large Diaphragm:** Equipped with a professional sound chipset and a 25mm electret condenser transducer, providing exquisite sound quality with a flat frequency response of 20Hz-20kHz. Ideal for detailed audio capture.
- **Plug & Play Connectivity:** Features an XLR to 3.5mm connection for easy compatibility with computers and smartphones. Offers strong output, no distortion, and low power consumption.
- **Full Metal Construction:** Built with high-quality metal materials for durability and protection of internal components. The stable all-metal base and height-adjustable metal tube provide robust support.
- **Cardioid Polar Pattern:** Designed to reduce the pickup of surrounding noise, focusing on sound directly in front of the microphone for an immersive recording experience.
- **Noise Reduction Accessories:** Includes a shock mount to minimize vibration-induced noise, and a pop filter and wind foam to reduce wind and plosive sounds, ensuring clear vocal recordings.



Image: A close-up view of the MAONO AU-PM325T microphone's 25mm large diaphragm, highlighting its studio-quality sound capability.

DURABLE METAL CONSTRUCTION

Rugged metal construction provides outstanding reliability



Image: The MAONO AU-PM325T microphone showcasing its durable full metal construction, designed for reliability.

SETUP GUIDE

- 1. Assemble the Table Stand:** Securely attach the microphone to the provided table stand. Ensure the stand is stable on a flat surface.
- 2. Install the Shock Mount:** Mount the microphone into the shock mount. The shock mount helps isolate the microphone from physical vibrations that can cause unwanted noise.
- 3. Attach Pop Filter and Wind Foam:**
 - Slide the wind foam over the microphone capsule to reduce plosives and wind noise.
 - Attach the pop filter to the stand and position it approximately 2-3 inches in front of the microphone. This further minimizes plosive sounds (like 'p' and 'b').
- 4. Connect the XLR-3.5mm Cable:**

- Connect the XLR end of the cable to the microphone's XLR port.
- Connect the 3.5mm end of the cable to your computer's microphone input, smartphone's audio jack (with adapter if needed), or an audio interface.

5. **Positioning:** For optimal sound capture, position the microphone directly in front of the sound source (e.g., your mouth) within a few inches. The cardioid polar pattern is most sensitive to sounds from the front.



PLUG AND PLAY
No need any external Power Source or driver

The image shows a MAONO AU-PM325T microphone on a stand with a shock mount and pop filter, connected to a laptop. The microphone is black with a gold XLR connector. The laptop screen displays audio software. To the right, a dark grey box lists compatibility: Windows (with the Windows logo), macOS (with the macOS logo), and Audio Interface (with an icon of an audio interface). At the bottom, three icons represent YouTube, Twitch, and Zoom.

Image: The MAONO AU-PM325T microphone set up with its stand, shock mount, and pop filter, connected to a laptop, demonstrating its plug-and-play compatibility with various devices including Windows, macOS, and audio interfaces.



Image: The MAONO AU-PM325T microphone connected to an audio interface, illustrating its use in a professional recording setup.

OPERATING INSTRUCTIONS

Once the microphone is set up and connected to your device, follow these general guidelines for operation:

- **Software Configuration:** Ensure your recording software, operating system settings, or communication application recognizes the MAONO AU-PM325T as the input device. Adjust input levels to prevent clipping or distortion.
- **Optimal Placement:** Maintain a consistent distance from the microphone, typically 6-12 inches, for balanced audio levels. Speak or sing directly into the front of the microphone, where the cardioid pattern is most effective.
- **Monitor Your Sound:** If your audio interface or computer allows, monitor your audio with headphones to ensure desired sound quality and to identify any unwanted background noise.
- **Environmental Considerations:** Record in a quiet environment to maximize the microphone's noise reduction capabilities. The cardioid pattern helps, but it cannot eliminate all ambient sound.



Image: A user recording vocals while playing a guitar, utilizing the MAONO AU-PM325T microphone for clear audio capture.



Image: The MAONO AU-PM325T microphone integrated into a home studio setup, connected to an audio mixer, demonstrating its use for professional recording.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe the microphone body. Avoid using liquid cleaners or solvents, as they may damage the finish or internal components.
- **Pop Filter and Wind Foam:** The pop filter screen can be gently cleaned with a damp cloth if necessary. The wind foam can be hand-washed with mild soap and water, then air-dried completely before re-use.
- **Storage:** When not in use, store the microphone in a dry, dust-free environment. Disassemble the pop filter and wind foam if storing for extended periods.
- **Handling:** Handle the microphone with care. Avoid dropping it or exposing it to extreme temperatures or humidity, which can affect its performance and lifespan.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	<ul style="list-style-type: none"> Incorrect cable connection. Incorrect input device selected in software/OS. Low input volume setting. 	<ul style="list-style-type: none"> Ensure XLR-3.5mm cable is securely connected to both microphone and device. Verify the MAONO microphone is selected as the default input device in your computer's sound settings or recording software. Increase the input volume/gain in your software or operating system.
Poor sound quality / Background noise	<ul style="list-style-type: none"> Microphone positioned incorrectly. Lack of pop filter/wind foam. High ambient noise in recording environment. Input level too high (clipping). 	<ul style="list-style-type: none"> Ensure microphone is facing the sound source directly. Use the included pop filter and wind foam to reduce plosives and breath noise. Record in a quieter environment. Lower the input volume/gain to prevent distortion.
Microphone unstable on stand	<ul style="list-style-type: none"> Stand not fully tightened. Microphone not securely mounted in shock mount. 	<ul style="list-style-type: none"> Tighten all adjustment knobs on the table stand. Ensure the microphone is firmly seated within the shock mount.

SPECIFICATIONS

Feature	Detail
Brand	MAONO
Model Name	PM325T
Microphone Form Factor	Large Diaphragm
Polar Pattern	Unidirectional (Cardioid)
Connectivity Technology	Auxiliary (XLR to 3.5mm)
Connector Type	3.5 mm Jack
Audio Sensitivity	45 Decibels
Signal-to-Noise Ratio	78 dB
Frequency Response	20 Hz - 20 KHz
Power Source	Corded Electric

Feature	Detail
Material	Aluminum
Color	Black
Item Weight	3.58 pounds
Package Dimensions	10.55 x 8.23 x 4.45 inches
Compatible Devices	Audio Interface, Audio Mixer, Personal Computer, Smartphone
Recommended Uses	Singing, Gaming, Streaming, Voice Recording, Video Recording, Speech, Video Conference

WARRANTY AND SUPPORT

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

You can visit the MAONO Store for more information: [MAONO Official Store](#)