

MAONO PD100

MAONO PD100 XLR Podcast Microphone User Manual

Brand: MAONO | Model: PD100

1. INTRODUCTION

This user manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your MAONO PD100 XLR Podcast Microphone. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

The MAONO PD100 is a dynamic XLR microphone designed for high-quality vocal recording, podcasting, streaming, and content creation. It features a cardioid pickup pattern and robust construction for clear and focused audio capture.

2. PACKAGE CONTENTS

Upon unpacking, please verify that all the following items are included in your package:

- MAONO PD100 XLR Podcast Microphone (1 unit)
- 6.56 ft (2 M) XLR cable (1 unit)
- Mic rod extender (1 unit)
- Heavy round metal base (1 unit)
- User Guide (1 unit)

WHAT'S IN THE BOX?

Microphone*1 XLR Cable*1 User Manual*1 Detachable stand*1
Non-slip round metal base *1



Image: All components included in the MAONO PD100 XLR Podcast Microphone package, including the microphone, XLR cable, mic rod extender, heavy round base, and user guide.

3. PRODUCT OVERVIEW

Key Features

- **Broadcast-Grade Sound Quality:** Features a built-in dynamic core and inner double-layer pop filter for noise isolation and plosive attenuation, delivering clean and mellow audio across a 60-14kHz frequency response range.
- **Cardioid Pickup Pattern:** Designed to capture sound directly from the front, minimizing background noise and focusing on the speaker's voice.
- **Durable and Compact Design:** Constructed with a metal body for portability and longevity. Includes a 2.36-inch rod extender for adjustable height.
- **Professional Connectivity:** XLR connection for compatibility with audio interfaces, mixers, and sound cards like the Maonocaster AME2.

- **Versatile Mounting:** Built-in 5/8" and 3/8" inch threads allow for easy installation with most standard mic stands and boom arms.

Components and Construction



Image: The MAONO PD100 XLR Podcast Microphone, showcasing its sleek black metal body, integrated desktop stand, and connected XLR cable.

DURABLE CONSTRUCTION FOR GETTING A CLEAR & PURE AUDIO

Ensure stability and vibration dampening



Image: Close-up view highlighting the durable construction of the PD100, including the inner pop filter, metal mesh grille, steel solid thread for mounting, and non-slip rubber feet on the base. These features contribute to stability and clear audio.

4. SETUP INSTRUCTIONS

4.1 Assembling the Desktop Stand

1. Attach the microphone to the included desktop stand.
2. For additional height, screw the mic rod extender between the microphone and the heavy round metal base.
3. Ensure the stand is stable on a flat surface to minimize vibrations.

DETACHABLE STAND



Image: Illustration demonstrating the detachable stand and the optional 2.36-inch rod extender, which can be used to increase the microphone's height for better positioning.

The microphone features built-in 5/8" and 3/8" threads, allowing it to be mounted on various microphone stands and boom arms (sold separately) for flexible positioning.



Image: A visual representation of the microphone's 5/8" and 3/8" thread compatibility, indicating its adaptability with various mounting solutions like desktop stands and boom arms.

4.2 Connecting the Microphone

1. Connect one end of the provided XLR cable to the XLR port on the MAONO PD100 microphone.
2. Connect the other end of the XLR cable to an audio interface, mixer, or sound card that supports XLR input.
3. Ensure your audio interface or mixer is connected to your computer or laptop.



HOW DOES THE PD100 WORK WITH COMPUTER & LAPTOP?

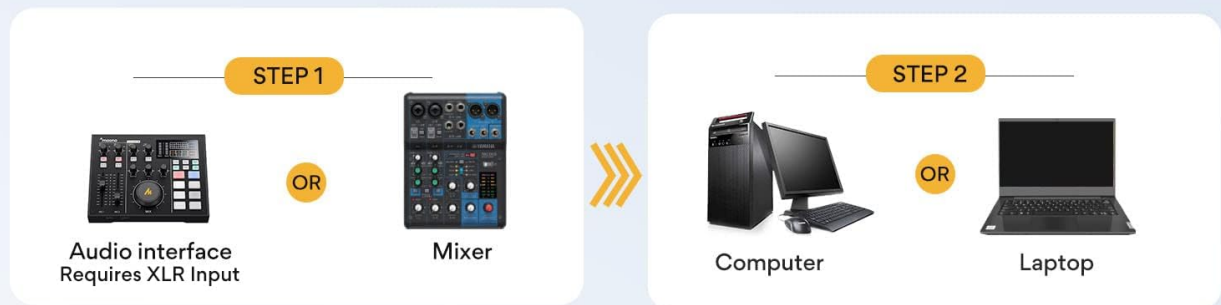


Image: A diagram illustrating the connection process: the PD100 microphone connects to an audio interface or mixer via an XLR cable, which then connects to a computer or laptop for recording or streaming.

COMPATIBLE WITH HIGH-LEVEL STUDIO EQUIPMENT



Image: The MAONO PD100 microphone shown connected to different professional audio equipment, including the Maonocaster AME2, Focusrite Scarlett Solo, and a generic audio mixer, demonstrating its broad compatibility.

5. OPERATING INSTRUCTIONS

5.1 Microphone Placement for Optimal Sound

The PD100 is a cardioid dynamic microphone designed for "end address" pickup. For the best sound quality and to utilize its noise isolation technology effectively:

- Position the top of the microphone directly towards the sound source (e.g., your mouth).
- Maintain a distance of approximately 2 to 4 inches (5 to 10 cm) from the microphone. This range helps capture your voice with depth and clarity while minimizing ambient noise.
- Avoid speaking into the sides or back of the microphone, as this will result in reduced volume and clarity due to the cardioid pattern.

CARDIOID DYNAMIC MIC



Image: A diagram illustrating the cardioid pickup pattern of the PD100 microphone, showing the optimal "end address" speaking position and the recommended distance of 2-4 inches for clear, mellow voice capture and physical noise reduction.

5.2 Adjusting Audio Levels

Once connected, adjust the gain levels on your audio interface or mixer to achieve an appropriate recording volume. Monitor your audio to prevent clipping or distortion.

BROADCAST GRADE SOUND QUALITY

Capture the details of your voice, world is your audience



Image: Two individuals engaged in a recording session, each using a MAONO PD100 microphone, demonstrating its application for achieving broadcast-grade sound quality in a studio or podcasting environment.

6. MAINTENANCE AND CARE

- **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.
- **Storage:** When not in use, store the microphone in a clean, dry place, away from extreme temperatures and humidity.
- **Handling:** Handle the microphone with care. Avoid dropping it or subjecting it to strong impacts, which can affect its performance.
- **Cable Care:** Do not bend or crimp the XLR cable excessively. Store it neatly to prevent damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	<ul style="list-style-type: none">◦ Incorrect cable connection◦ Audio interface/mixer not powered on or configured correctly◦ Input gain too low	<ul style="list-style-type: none">◦ Ensure XLR cable is securely connected to both microphone and audio interface/mixer.◦ Verify audio interface/mixer is powered on and selected as the input device on your computer.◦ Increase the input gain on your audio interface/mixer.
Low volume or weak signal	<ul style="list-style-type: none">◦ Microphone too far from sound source◦ Input gain too low	<ul style="list-style-type: none">◦ Move the microphone closer to the sound source (2-4 inches recommended).◦ Increase the input gain on your audio interface/mixer.
Distorted sound	<ul style="list-style-type: none">◦ Input gain too high (clipping)◦ Damaged cable	<ul style="list-style-type: none">◦ Reduce the input gain on your audio interface/mixer until distortion is eliminated.◦ Try a different XLR cable to rule out cable damage.
Excessive background noise	<ul style="list-style-type: none">◦ Microphone picking up ambient sounds◦ Improper microphone placement	<ul style="list-style-type: none">◦ Ensure the microphone is positioned directly towards the desired sound source.◦ Minimize noise in the recording environment.◦ Adjust microphone distance to optimize voice capture and reduce ambient pickup.

8. SPECIFICATIONS

Feature	Detail
Model Name	PD100 XLR Dynamic Microphone
Microphone Form Factor	External XLR microphone
Polar Pattern	Unidirectional (Cardioid)
Connectivity Technology	XLR
Connector Type	XLR
Frequency Response	60 Hz - 14 KHz
Impedance	600 Ohm
Signal-to-Noise Ratio	78 dB
Material	Metal
Color	Black
Item Dimensions (L x W x H)	4 x 4 x 8.86 inches





Feature	Detail
Item Weight	2.02 pounds
Power Source	Corded Electric (via audio interface/mixer)
Hardware Platform	Audio Mixer, MAONO Audio Interface, Portable PA Systems, PC, Laptop, Computer
Recommended Uses	Podcasting, Streaming, Content Creation, Singing Recording, Vocal


9. WARRANTY AND SUPPORT

The MAONO PD100 XLR Podcast Microphone comes with a free 12-month warranty from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or further assistance, please contact MAONO customer service through their official website or the retailer where the product was purchased.

Related Documents - PD100

	<p>Maono PD100 XLR Dynamic Microphone User Manual</p> <p>Official user manual for the Maono PD100 XLR Dynamic Microphone. This document covers safety precautions, packing list, product description, features, specifications, overview, and detailed usage instructions for connecting and operating the microphone with audio interfaces and mixers for streaming, gaming, and podcasting.</p>
	<p>Maono A04E USB Microphone with Stand - User Manual</p> <p>Comprehensive user manual for the Maono A04E USB condenser microphone, covering setup, features, specifications, usage tips, and software guide for Windows and macOS.</p>
	<p>Maono PD400X USB/XLR Dynamic Microphone User Manual</p> <p>Comprehensive user manual for the Maono PD400X USB/XLR dynamic microphone, detailing installation, features, specifications, button functions, and software setup with Maono Link.</p>
	<p>Maono Maonocaster Lite AU-AM200-S1 Podcast Production Studio User Manual</p> <p>Comprehensive guide to the Maono Maonocaster Lite AU-AM200-S1, an all-in-one podcast production studio with audio interface and mixer for live streaming and recording. Learn about setup, features, and operation.</p>
	<p>Maonocaster G1 Neo Gaming Audio Mixer User Manual</p> <p>User manual for the Maonocaster G1 Neo Gaming Audio Mixer, detailing its features, setup, and troubleshooting for gaming, streaming, podcasting, and recording. Includes information on microphone inputs, phantom power, Bluetooth connectivity, sound effects, and more.</p>

	Maono AU-PM422 USB Condenser Microphone User Manual and Setup Guide Comprehensive user manual for the Maono AU-PM422 USB condenser microphone, detailing features, specifications, installation, and computer setup for PC and Mac. Includes setup diagrams and operational guidance.
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Documents - MAONO – PD100

[\[pdf\] User Manual Guide](#)

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AME2 140*185MM 80g V1.2-20230207 V1.020 V1.12 5, To get technical sup
Select Maono XLR Condenser Microphones: PM310, PM320, PM500 Select Maono XLR Dynamic Microphones: **PD100**, PD200, PD200X, PD400X, HD300 6. Bluetooth connection/Bluetooth indicator 6.1 Powering on the ...
lang:en **score:36** filesize: 11.67 M page_count: 1 document date: 2023-02-09

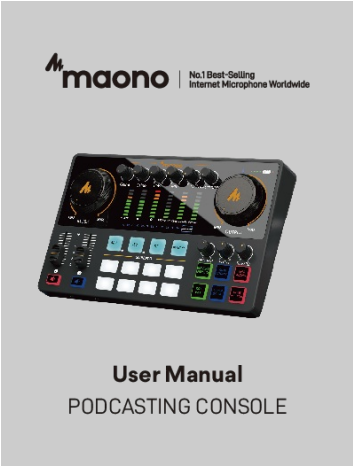
[Maonocaster E2 Gen2 Podcast Console User Manual and Features](#)

Comprehensive user manual for the Maono Maonocaster E2 Gen2 podcast console, detailing its features, setup, specifications, and troubleshooting for podcasters, streamers, and musicians.
lang:en **score:34** filesize: 25.27 M page_count: 1 document date: 2024-06-28



[Maonocaster G1 Neo Gaming Audio Mixer User Manual](#)

User manual for the Maonocaster G1 Neo Gaming Audio Mixer, detailing its features, specifications, setup, and operation for PC and smartphone use in gaming, streaming, and podcasting.
lang:en **score:34** filesize: 1.89 M page_count: 60 document date: 2024-07-25



[\[pdf\]](#) User Manual

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User Manual PODCASTING CONSOLE Maono mno , meaning VISION in Kiswahili, is the No.1 Best-Selling ... er microphone models: PM320, PM350, PM500, A03Pro Select Maono XLR dynamic microphone models: PD80, **PD100**, **PD100X**, PD200X, PD300X, PD400X, HD300 14. Equalizer Equalizer adjusts the frequency response ... lang:en **score:33** filesize: 4.42 M page_count: 51 document date: 2024-12-16



[Maonocaster G1 Neo Gaming Audio Mixer User Manual](#)

User manual for the Maonocaster G1 Neo Gaming Audio Mixer, detailing its features, setup, and troubleshooting for gaming, streaming, podcasting, and recording. Includes information on microphone inputs, phantom power, Bluetooth connectivity, sound effects, and more.

lang:en **score:32** filesize: 838.37 K page_count: 1 document date: 2025-06-23

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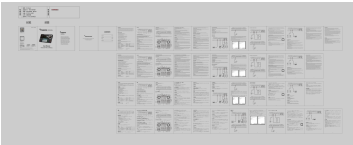
lang:pl **score:30** filesize: 3.84 M page_count: 8 document date: 2024-06-20



[Maonocaster G1 Neo Gaming Audio Mixer User Manual](#)

User manual for the Maono Maonocaster G1 Neo Gaming Audio Mixer, detailing its features, setup, operation, and troubleshooting for enhanced gaming and streaming audio.

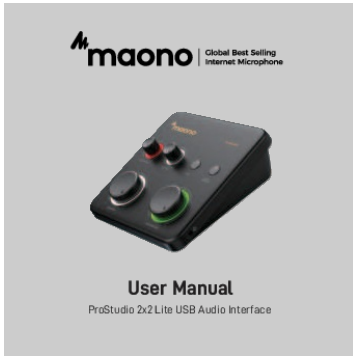
lang:en **score:28** filesize: 530.57 K page_count: 11 document date: 2024-04-01



[Maonocaster E2 Gen2 Podcast Console User Manual](#)

User manual for the Maonocaster E2 Gen2 podcast and streaming audio console, detailing its features, setup, operation, and troubleshooting.

lang:en **score:28** filesize: 4.34 M page_count: 1 document date: 2024-08-20



[Maono ProStudio PS22 Lite USB Audio Interface User Manual](#)

User manual for the Maono ProStudio PS22 Lite USB Audio Interface, detailing its features, layout, connections, modes, and setup for macOS and Windows. Includes technical specifications and compliance information.

lang:en **score:28** filesize: 32.46 M page_count: 55 document date: 2025-07-31

[\[pdf\] User Manual](#)

AME2C 2 V1 20230207 User Manual Amazon MAONO Podcast Equipment Bundle 10 Channel Audio Interface and XLR Dynamic Microphone MaonoCaster with Pro preamp 48V Bluetooth for Streaming TikTok Youtube PC Smartphone Musical Instruments C1sP2x4FgwL m media amazon images I |||

To get technical support, please scan the QR code Model No.: AME2C CompanyQing UGhaftungsbeschrnkt Select Maono XLR Condenser Microphones: PM310, PM320, PM500 Select Maono XLR Dynamic Microphones: **PD100**, PD200, PD200X, PD400X, HD300 6. Bluetooth connection/Bluetooth indicator 6.1 Powering on the ...

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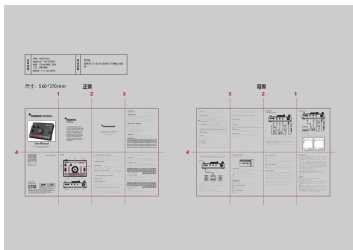


[\[pdf\] User Manual Accessories](#)

AMC2 Neo V1 0 20230811 Administrator Users Manual SHENZHEN MAONO TECHNOLOGY CO LTD AMC2NEO 2AJJB 2AJJBAMC2NEO amc2neo

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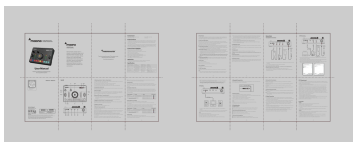
lang:en **score:26** filesize: 850 K page_count: 1 document date: 2023-08-11



[Maonocaster AMC2 Neo User Manual: Portable Live Streaming and Podcast Console](#)

This user manual provides comprehensive information on the Maonocaster AMC2 Neo, a portable live streaming and podcast console for computers and smartphones. It covers product features, specifications, layout, setup guide, troubleshooting, and safety precautions.

lang:en **score:25** filesize: 1.25 M page_count: 1 document date: 2023-08-21



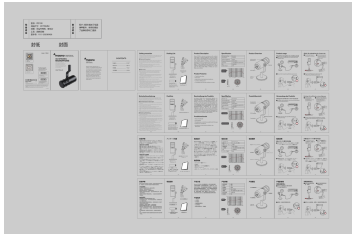
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PD100 65*95MM 80g V1.1-20230426 V1.0 Model : **PD100** Maono To get technical support, please scan the QR code Technical support: support maono.com www.maono.com CompanyQing UGhaftungsbeschrnkt Address: Undinestr. 7,12203 Berlin Germany Tell: 004917662179550 E-mail: p...

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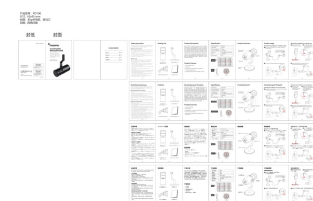
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lang:tl **score:20** filesize: 20.88 M page_count: 22 document date: 2023-11-08



[Maonocaster G1 Neo Gaming Audio Mixer User Manual](#)

User manual for the Maonocaster G1 Neo Gaming Audio Mixer, detailing its features, layout, setup guide, specifications, and troubleshooting.

lang:en score:20 filesize: 606.94 K page_count: 1 document date: 2024-03-12