

MXL AC-44 USB

MXL AC-44 USB Boundary Conferencing Microphone User Manual

Model: AC-44 USB

INTRODUCTION

The MXL AC-44 is a compact USB boundary microphone designed for high-quality audio capture in various environments. Its design focuses on clear speech intelligibility, making it suitable for applications where precise voice pickup is essential.

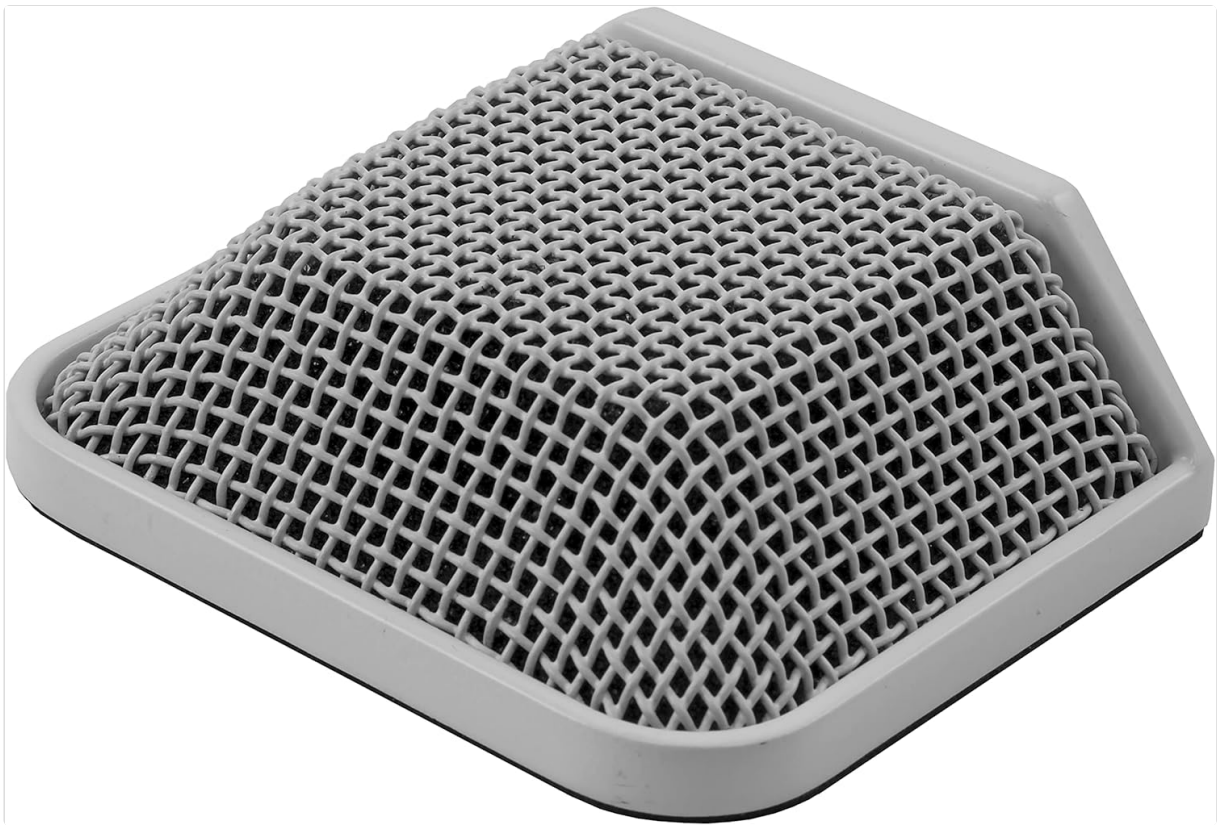
Key Features:

- **Three Capsule Design:** Provides a broad 25-foot audio pickup range in a 180-degree arc.
- **Versatile Application:** Ideal for web conferencing, huddle spaces, classrooms, and telemedicine.
- **Universal Compatibility:** Works seamlessly with both Mac and PC operating systems.

PACKAGE CONTENTS

Verify that all items are present in your MXL AC-44 package:

- One (1) MXL AC-44 White Microphone
- One (1) 6 ft. USB A to C cable
- One (1) Cleaning Cloth



The MXL AC-44 microphone, USB cable, and cleaning cloth as packaged.

SETUP GUIDE

Follow these steps to connect and prepare your MXL AC-44 microphone for use:

1. **Placement:** Position the MXL AC-44 microphone on a flat surface, such as a conference table or desk, ensuring the mesh grille faces the primary sound source(s). The 180-degree pickup pattern is designed to capture audio from a wide area in front of the unit.
2. **Connect USB Cable:** Insert the USB-C end of the provided 6 ft. USB A to C cable into the USB port located on the back of the AC-44 microphone.
3. **Connect to Computer:** Plug the USB-A end of the cable into an available USB port on your Mac or PC. The microphone is plug-and-play and typically requires no additional driver installation.
4. **System Recognition:** Your computer's operating system should automatically detect the MXL AC-44 as an audio input device.
5. **Select as Input Device:** Navigate to your computer's sound settings (e.g., System Preferences > Sound > Input on Mac, or Sound Settings > Input on PC) and select "MXL AC-44 USB Microphone" as your default audio input device.
6. **Adjust Input Level:** Within your computer's sound settings, adjust the input volume or gain level for the microphone to an appropriate level. Monitor the input meter to ensure audio is being captured without clipping or distortion.

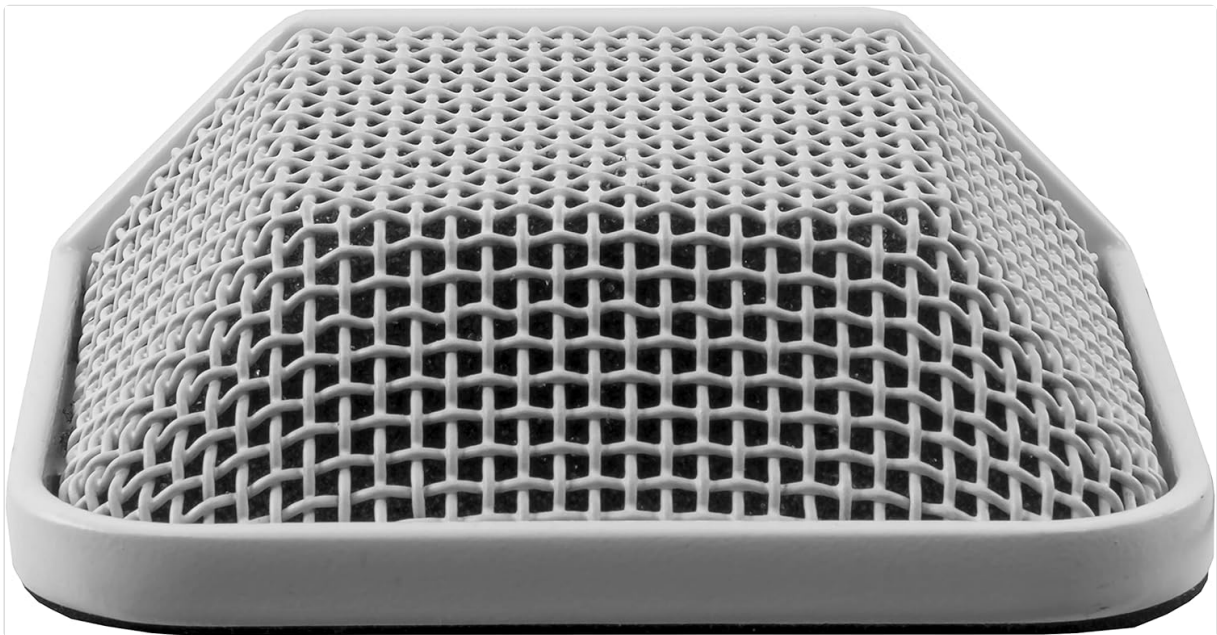


The rear of the MXL AC-44, highlighting the USB-C and AUX ports for connection.

OPERATING INSTRUCTIONS

The MXL AC-44 is designed for straightforward operation:

- **Power On/Off:** The microphone is powered via the USB connection. It will activate automatically when connected to a powered USB port. There is no manual power button.
- **Audio Pickup:** The microphone's wide cardioid polar pattern captures sound effectively from a 180-degree area in front of the unit. Ensure speakers are within this range for optimal performance.
- **Optimal Distance:** For best speech intelligibility, position the microphone within a 25-foot radius of the speakers.
- **Application Use:** Once configured in your system settings, the MXL AC-44 will function as the audio input for any compatible software (e.g., video conferencing platforms, recording applications). Select it as the microphone within the application's audio settings if it doesn't default automatically.
- **Monitoring (if applicable):** If your computer or software provides a monitoring option, you can listen to the microphone's input through headphones connected to your computer's audio output. The AC-44 itself does not have a direct headphone jack for monitoring.



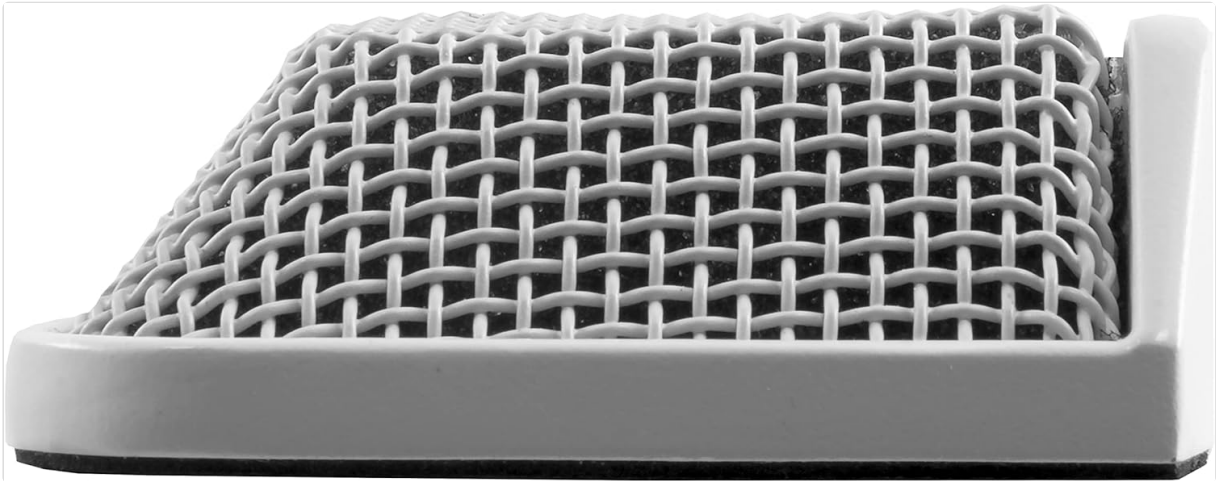
The top view of the MXL AC-44, featuring its distinctive mesh grille for wide audio capture.

CARE AND MAINTENANCE

To ensure the longevity and optimal performance of your MXL AC-44 microphone, follow these

maintenance guidelines:

- **Cleaning:** Use the provided cleaning cloth to gently wipe the microphone's exterior, including the metal mesh grille. Avoid using liquid cleaners, solvents, or abrasive materials, as these can damage the finish or internal components.
- **Storage:** When not in use, store the microphone in a clean, dry environment away from extreme temperatures, humidity, and direct sunlight.
- **Handling:** Handle the microphone with care. Avoid dropping it or subjecting it to strong impacts, which can affect its internal components and performance.
- **Cable Care:** Do not sharply bend or crimp the USB cable. Store it neatly to prevent damage.



A side profile of the MXL AC-44 microphone, showcasing its compact design.

TROUBLESHOOTING

If you encounter issues with your MXL AC-44 microphone, refer to the following common solutions:

Problem	Possible Cause	Solution
No audio input detected.	Incorrect USB connection; Microphone not selected as input device; USB port issue.	Ensure the USB cable is securely connected to both the microphone and the computer. Verify that "MXL AC-44 USB Microphone" is selected as the input device in your computer's sound settings. Try a different USB port on your computer.
Low or distorted audio.	Input volume too low/high; Microphone too far from sound source; Background noise.	Adjust the input volume in your computer's sound settings. Ensure the microphone is within 25 feet of the speakers. Minimize background noise in the environment.
Microphone intermittently disconnects.	Loose USB connection; Faulty USB cable/port; Power management settings.	Check for secure USB connections. Try a different USB cable or port. On Windows, check USB power management settings to prevent the computer from turning off the USB device to save power.

TECHNICAL SPECIFICATIONS

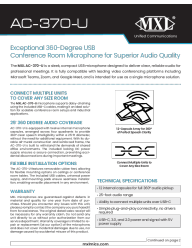
Feature	Detail
Model Name	AC-44 USB
Brand	MXL
Microphone Form Factor	Microphone Only
Polar Pattern	Wide Cardioid (180-degree pickup)
Connectivity Technology	USB
Connector Type	USB Type C (on microphone), USB Type A (on cable)
Power Source	USB Powered
Compatible Devices	Mac, Personal Computer
Signal-to-Noise Ratio	78 dB
Material	Metal
Color	White
Item Weight	9.1 ounces
Product Dimensions (L x W x H)	6.25 x 4.25 x 2 inches
UPC	801813194715

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official MXL Microphones website or contact their customer support directly. Keep your purchase receipt for warranty validation.

Online Resources: www.mxlmicro.com

Related Documents - AC-44 USB

 <p>AC-370-U Exceptional 360-Degree USB Conference Room Microphone for Superior Audio Quality</p> <p>The MXL AC-370-U is a compact, professional USB microphone designed for clear, reliable audio in conference rooms. It features 360-degree audio coverage, plug-and-play setup, and daisy-chaining capabilities for scalable audio solutions.</p> <p>CONNECTIVITY OPTIONS • USB Type C (on microphone) • USB Type A (on cable)</p> <p>360-DEGREE AUDIO COVERAGE • Wide cardioid pickup pattern • 180-degree pickup</p> <p>TECHNICAL SPECIFICATIONS • Frequency Response: 20 Hz - 20 kHz • Sensitivity: -30 dBV/Pa • Impedance: 16 ohms • Power Consumption: 500 mA • Dimensions: 6.25 x 4.25 x 2 inches • Weight: 9.1 ounces</p>	<p>MXL AC-370-U: 360-Degree USB Conference Room Microphone for Superior Audio Quality</p> <p>The MXL AC-370-U is a compact, professional USB microphone designed for clear, reliable audio in conference rooms. It features 360-degree audio coverage, plug-and-play setup, and daisy-chaining capabilities for scalable audio solutions.</p>
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[MXL Mic Mate Pro User Manual | Portable USB Audio Interface](#)

User manual for the MXL Mic Mate Pro, a portable USB audio interface and microphone preamp. Learn about its features, setup for Windows and macOS, and recording tips for professional-quality audio on the go. Includes 48V phantom power, zero-latency monitoring, and adjustable gain and headphone controls.



[MXL AC-40EXT Gooseneck Extension Microphone for Web Conferencing](#)

Detailed information on the MXL AC-40EXT, a USB gooseneck extension microphone designed for web conferencing, featuring a flexible neck, individual mute button, and simple connection for multiple users.



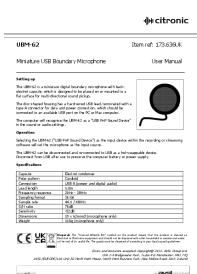
[MXL AC-40EXT Gooseneck Extension Microphone for Web Conferencing](#)

Discover the MXL AC-40EXT, a versatile USB gooseneck extension microphone engineered for clear web conferencing. Features include a flexible 15-inch gooseneck, an individual mute button, and the capability to connect up to four microphones. Powered by AC-400 or AC-406.



[MXL V67GS Large Diaphragm Condenser Microphone - Features and Specifications](#)

Detailed information about the MXL V67GS, a versatile solid-state vocal microphone, including its features, included accessories, and technical specifications. Ideal for vocals, instruments, R&B, rock, country, and hip-hop.



[Citronic UBM-62 Miniature USB Boundary Microphone User Manual](#)

User manual for the Citronic UBM-62, a miniature digital boundary microphone with a USB connection. Details setup, operation, and technical specifications for this audio device.