

MOJAVE AUDIO MA-C USERS MANUAL

Handheld Condenser Microphone

Designed by David Royer

CONTENTS

Introduction
Unpacking & Inspection
Safety Instructions
Operation
Care of Your Microphone
Technical Specifications
Polar Response
Frequency Response
Warranty

INTRODUCTION

Congratulations on your purchase of the Mojave Audio MA-C Handheld Condenser Microphone.

The MA-C was carefully designed and constructed using premium materials and precision manufacturing techniques to deliver true studio-grade condenser sound in demanding live environments. Designed by David Royer, the MA-C brings clarity, depth, and natural vocal articulation to the stage while maintaining the durability and control required for handheld performance.

Each MA-C microphone is thoroughly tested and inspected prior to shipment to ensure reliable performance and consistency. With proper use and care, your MA-C will provide exceptional results for many years.

For optimum performance, please read this manual thoroughly and become familiar with the proper operation and care of your microphone.

UNPACKING AND INSPECTION

Carefully unpack your MA-C microphone and verify that all components are included. Do not discard the packing materials. If any items are missing or damaged, contact your dealer or Mojave Audio immediately.

Items included with the MA-C:

1. MA-C handheld condenser microphone
2. Protective carrying pouch
3. Mic clip

Verify that the serial number on your MA-C matches your receipt. The serial number can be found on the microphone body. When contacting Mojave Audio for service or support, please have this number available.

SAFETY INSTRUCTIONS

There are no user-serviceable components inside the MA-C microphone. Always refer service to a qualified technician.

Never expose the MA-C microphone or cable to water or excessive moisture. In the event of malfunction, disconnect the microphone immediately and determine the cause before further use.

Ensure that microphone cables are routed safely to prevent tripping hazards. When using a stand, confirm that it is stable and properly secured.

If you have questions regarding operation or safety, contact Mojave Audio support at: support@mojaveaudio.com

OPERATION

Connection

The MA-C connects to a standard microphone preamplifier via a balanced three-pin XLR cable. Always align connectors properly and insert gently to avoid bent pins or connector damage.

The MA-C requires **standard 48V phantom power** for operation. Never hot plug the microphone. Connect the mic before engaging phantom power.

Onboard Controls

The MA-C features internal switches for added versatility:

- **-15 dB Pad** for high-SPL sources
- **200Hz Low-Cut Filter** to reduce handling noise and low-frequency buildup.

To access these controls, carefully unscrew the capsule assembly. Adjust as needed, then securely reattach the capsule before use.

Note: The MA-C ships with the 200Hz Low-Cut Filter engaged for vocal use.

Application

The MA-C, when used on vocals, is designed for singers with proper microphone technique. It will sound best at a distance of 4-8 inches. For really loud environments, such as rock bands, we recommend our [MA-D Handheld Dynamic](#)

While optimized for handheld vocal performance, the MA-C's high SPL handling and wide dynamic range make it suitable for:

- Home recording - especially in untreated spaces
- Podcasting and broadcast
- Acoustic guitar
- Drums and percussion
- Brass instruments

A tight cardioid polar pattern provides excellent feedback rejection and consistent tonal response, even as performers move on stage.

CARE OF YOUR MICROPHONE

Your MA-C is a precision instrument. Treat it with care to ensure long-term reliability.

1. Always secure the microphone when not in use. Avoid drops or impacts.
2. Never hot plug the microphone. Connect the mic before engaging phantom power.
3. Store the microphone in its pouch when not in use.
4. Insert and remove XLR connectors gently and correctly aligned.
5. Avoid exposure to dust, smoke, or excessive humidity.
6. Do not attempt repairs unless you are a qualified technician.
7. Clean the microphone body with a soft, lint-free cloth only. Do not use solvents or chemicals.

TECHNICAL SPECIFICATIONS

Transducer Type: Condenser, pressure gradient

Polar Pattern: Cardioid

Frequency Response: 20 Hz – 20 kHz

Pad: –15 dB (switchable)

200Hz Low-Cut Filter: Switchable

Maximum SPL: Very high SPL capability (pad engaged)

Powering: 48V phantom power

Handling Noise: Extremely low

Construction: Rugged, tour-ready metal body

POLAR RESPONSE

Type: Cardioid

The MA-C's tight cardioid pattern provides strong rear rejection and minimal off-axis coloration, improving gain-before-feedback and vocal clarity in live environments.

FREQUENCY RESPONSE

20 Hz – 20 kHz

Voiced for vocal clarity, articulation, and natural presence without harshness.

WARRANTY

Your Mojave Audio product is warranted to the original owner for a period of **one (1) year** from the date of purchase. The product must be registered with Mojave Audio at the time of purchase.

During the warranty period, Mojave Audio will repair or replace defective components or the product at its discretion, provided the microphone has not been misused or modified.

For warranty service or questions, contact:

support@mojaveaudio.com

Model Number: _____

Serial Number: _____

Date of Purchase: _____

Purchased From: _____