



2003A



Large Capsule

Condenser Microphone

**Marshall Electronics**

Professional Audio Division

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Thank you for choosing the MXL 2003A Condenser microphone. With proper care, this mic will provide many years of satisfaction. To get the best results, please take a few moments to read this manual.

Enjoy your microphone!

## The MXL Team

### General Characteristics

This microphone has a 3-micron gold-sputtered diaphragm and a cardioid pickup pattern. Large capsule condensers are very sensitive, readily revealing very subtle sonic details. They also tend to pick up sounds outside the pattern more than some designs, which can lead to powerful feedback if you are not careful. We strongly advise experimentation with placement and isolation requirements with the gain initially set low to avoid equipment (and hearing) damage!

### Contents

Unpack your MXL 2003A microphone carefully and verify that all of the following items are included:

- MXL 2003A microphone
- Shock mount

If any of these items are missing or damaged, contact the company from which you purchased the microphone.

### Power Requirement

The MXL 2003A requires 48V phantom power ( $\pm 4V$ ). If no sound is picked up by the microphone, make sure that the phantom power on your mixer or separate power supply is switched on.

### Microphone Cable

The microphone cable can have a profound effect on the sound of any microphone. Even the finest microphone will sound poor if the interconnect cable allows noise to enter or causes distortion and loss of information. We recommend that you use the best microphone cable that your budget will allow.

### Care

Dust and foreign material can reduce the performance of a microphone over time, so you should store the MXL 2003A in its case when not in use.

### Shock Mount

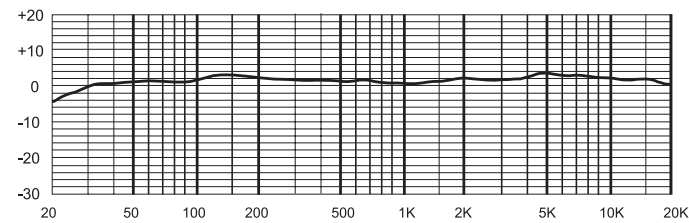
The MXL shock mount can shift in shipment. Simply shift the nylon bands to center the microphone in the assembly. Be sure that the wire clamp does not rest on the chassis of the mount, as this impairs mechanical

isolation. Slide the mount all the way to the rim of the microphone for the most secure hold.

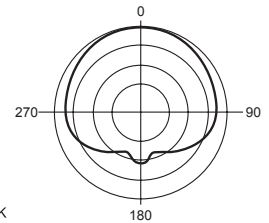
### Specifications

Type	Pressure gradient tube condenser mic
Diaphragm	3-micron, gold-sputtered
Frequency Response	20Hz - 20kHz
Polar Pattern	Cardioid
Impedance	200 ohms
Sensitivity	-42.9 dB re 1V/Pa
S/N Ratio	83 dB
Equivalent Noise	11 dB (A-weighted IEC 651)
Max SPL for 0.5% THD	152 dB SPL
Power Requirement	48V phantom power (+/- 4V)
Size	50mm x 190mm/1.97 in x 7.48 in
Weight	453.59g/1 lb
Metal Finish	Black with black grill

### Frequency Chart



### Polar Pattern



### Warranty

Marshall microphones are guaranteed against defects in materials and workmanship for one year from date of purchase. Should you encounter any problem with this unit, promptly contact the company from which you purchased it for assistance. The original dated sales receipt will be necessary for any warranty claim. Do not send any unit directly to us without prior authorization from our service department. Warranty coverage is limited to repair or replacement (at our option) of the microphone, and does not cover incidental damages due to use of this unit, nor damage caused by accidental misuse of this product.