



# 2003A

## Studio Recording Condenser Microphone

Marshall Electronics, Inc.  
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Thank you for purchasing the MXL2003A studio recording microphone. With proper care, this mic will provide many years of satisfaction. For best results, please take a few moments to review this literature.

### 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!

### Power Requirements

**IMPORTANT:** This unit requires phantom power at 48 volts, +/- 4 volts. Each unit has been thoroughly checked before shipping, so if you do not hear sound, check that the phantom power on your mixer or separate power supply is switched on!

### Shockmount

The high isolation shockmount may shift during shipping. Simply shift the elastic 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 grill for the most secure hold.

### Microphone Cables

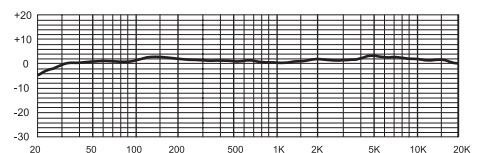
This microphone connects to a mixer or preamp via XLR cable (not included). The microphone cable can have a profound effect on the sound of any microphone. Even the finest microphones will sound poor if the interconnect cable allows noise to enter, or causes distortion and loss of information. Use only the best microphone cable your budget will allow. We recommend Mogami cable for the best results.

### Care

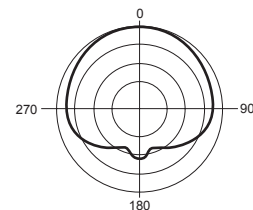
Dust and foreign material can degrade the performance of a microphone over time so always store the unit in its case. For vocals closer than 3", use a "popper stopper" or a foam windscreen to avoid getting moisture on the diaphragm as this can substantially degrade the microphone's performance. Store the microphone in its original packaging in a cool, dry place along with the included packet of silica gel. These steps will help keep the mic in proper working order and sounding its best for many years to come.

Type:	Pressure gradient tube condenser mic
Diaphragm:	3-micron, gold-sputtered
Frequency Range:	20Hz - 20kHz
Polar Pattern:	Cardioid
Sensitivity:	-42.9 dB re 1V/Pa
Impedance:	200 ohms
S/N Ratio:	83 dB
Equivalent Noise Level:	11 dB (A-weighted IEC 651)
Max SPL for 0.5% THD:	152 dB SPL
Power Requirements:	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 Response



Polar Pattern



### Warranty

Marshall microphones are guaranteed against defects in material and workmanship for three years from date of purchase. Should you encounter any problem with this unit, promptly contact the company you purchased it from 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.