

## Warranty

MXL microphones are guaranteed against defects in materials and workmanship for one year from the date of purchase. If 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.



CR<sup>89</sup>  
SERIES



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Low-Noise

Condenser Microphone

# CR89

## Low Noise Condenser Microphone

**Thank you** for choosing the MXL CR89 Condenser Microphone. For best results, please take a few moments to read this manual and familiarize yourself with proper operation and care of your microphone.

### General Characteristics

The MXL Cr89 is a large diaphragm condenser microphone wrapped in sharply contrasted black and chrome. The sound is every bit as bold as the body; the Cr89 can handle subtle acoustic guitar tones and loud vocals with the same sonic integrity. The Cr89 has low noise circuitry and a very low proximity effect, making it ideal for up-close recording. At home on instruments and vocals, the Cr89's body design minimizes body resonance while the tuned grill cavity reduces standing waves and harmonic distortion.

### 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 shockmount up the body of the microphone and stop just below the pad switch for the most secure hold.

### Contents

Unpack your MXL Cr89 microphone carefully and verify that all of the following items are included:

- MXL Cr89 microphone
- Aluminum Flight case
- Shockmount
- Microfiber Cleaning Cloth

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

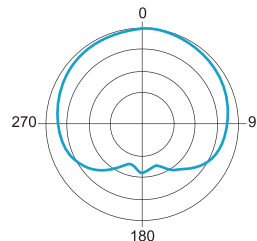
### Power Requirements

**IMPORTANT** - This unit requires phantom power at 48 volts, +/- 4 volts, in order to operate. 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.

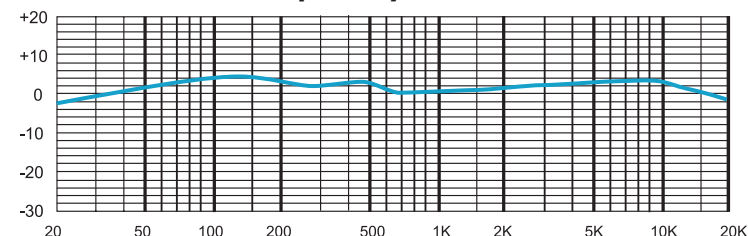
### Microphone Cables

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.

### Polar Pattern



### Frequency Chart



### Technical Specifications

<b>Type:</b> .....	Condenser microphone
<b>Capsule:</b> .....	
32mm capsule with Gold-sputtered, 6 micron diaphragm	
<b>Frequency Response:</b> .....	20 Hz – 20 kHz
<b>Polar Pattern:</b> .....	Cardioid
<b>Sensitivity:</b> .....	-32dB re 1 V/Pat
<b>Impedance:</b> .....	150 ohms
<b>Max SPL for 0.5% THD:</b> .....	138 dB SPL
<b>S/N Ratio:</b> .....	80 dB (Ref. 1 Pa A-weighted)
<b>Equivalent Noise Level:</b> .....	14 dB (A-weighted IEC 651)
<b>Dynamic Range:</b> .....	124dB
<b>Power requirements:</b> .....	48V Phantom power
<b>Size and Weight:</b> .....	64mm x 185mm / 2.5in. x 7.3in. 840g / 1.85lbs
<b>Metal Finish:</b> .....	Black with black chrome accents

### 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 pop filter 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.