



# — CR21 PAIR —



**Marshall Electronics**

Professional Audio Division

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Stereo Microphone Pair

Thank you for choosing the MXL CR21 Instrument Microphone Pair. 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

Each microphone has a 22 millimeter gold-sputtered diaphragm and a fixed cardioid pickup pattern. Condenser microphones 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 ear) damage.

### Power Requirements

**IMPORTANT** – Each microphone requires phantom power at 48 volts, +/- 4 volts. Each unit has been thoroughly checked before shipping, so if you hear no sound, check that the phantom power on your mixer or separate power supply is switched on!

### Microphone Cables

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.

### Care

Dust and foreign material can degrade the performance of a microphone over time so always store the microphones in their case. Remove fingerprints from the exterior with a clean soft cloth.

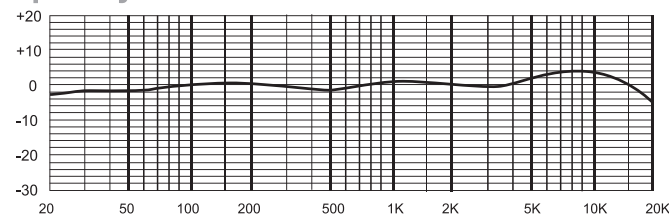
### Warranty

MXL CR21 Pair 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.

### Specifications

Type	Condenser pressure gradient mic
Frequency Response	30Hz-20kHz
Polar Pattern	Cardioid
Impedance	200 ohms
Sensitivity	10mV/Pa
S/N Ratio	80dB (Ref. 1Pa A-weighted)
Equivalent Noise	18dB(A weighted IEC 268-4)
Max SPL for 0.5% THD	134dB
Power Requirement	Phantom Power 48V ±4V
Current Consumption	<3.0mA
Size	22mm x 135mm
Weight	130g
Metal Finish	Matte black and black chrome

### Frequency Chart



### Polar Pattern

