

# Marshall Electronics, Inc.

Product Innovation Through Technical Excellence!

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**Thank you** for purchasing an MXL2006 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 one-inch gold sputtered diaphragm and a fairly wide fixed 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 ear) damaging surprises!

## Power Requirements

**IMPORTANT** - This unit 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!

## Isolation Mount

An MXL Shock mount is provided for isolation free recording.

## Microphone Cables

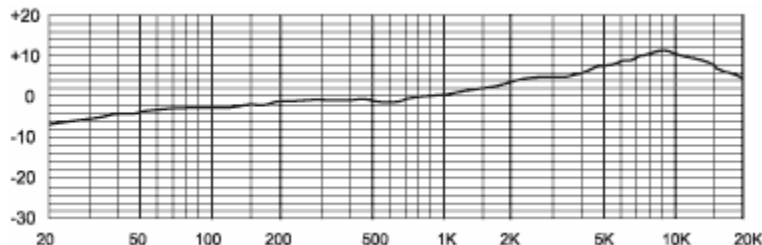
The microphone cable can have a profound effect on the sound of any microphone. Even the finest microphones will sound poor if the interconnect cable allows noise to enter, or causes distortion and loss of information. Use only the best microphone cable your budget will allow.

## Care

Dust and foreign material can degrade the performance of a microphone over time so always store the unit in its box. 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.

## Data

<b>Type:</b>	Condenser pressure gradient mic with 25mm diaphragm
<b>Frequency Response:</b>	30Hz – 20 kHz
<b>Polar pattern:</b>	Cardioid
<b>Max SPL for .5 %THD:</b>	130 dB
<b>Sensitivity:</b>	18 MV/pa
<b>Output impedance:</b>	150 ohms
<b>S/N Ratio:</b>	78dB (Ref. 1Pa A-weighted)
<b>Equivalent noise:</b>	16 db (A-weighted IEC 268-4)
<b>Power Requirement:</b>	48 V phantom power (+/- 4 V)
<b>Current Consumption:</b>	<3.0mA
<b>Weight:</b>	1.3 lb
<b>Dimensions:</b>	50mm x 190 mm
<b>Metal Finish:</b>	Silver



## Warranty

The MXL2006 microphone is 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 store 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.