

Marshall Electronics
1910 East Maple Ave.
El Segundo, CA 90245
<http://www.mxlmics.com>

MXL[®]

V900

**Stage and Studio
Condenser Microphone**

Thank you for purchasing the MXL V900 Condenser microphone. MXL microphones are the result of world-class engineering and manufacturing capabilities. They are designed to provide you with outstanding performance and exceptional value. 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 large 25mm (one-inch) gold sputtered diaphragm. Large capsule condensers are very sensitive, readily revealing very subtle sonic details. They also tend to pickup sounds outside of the pattern more than some other designs, which can lead to powerful feedback, especially in live applications 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!

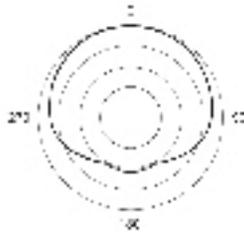
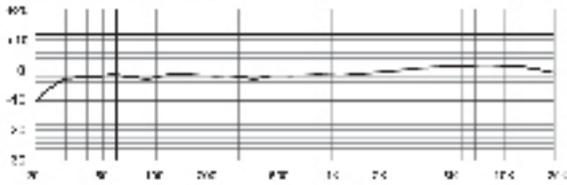
Power Requirements

IMPORTANT – This microphone requires phantom power at 48 volts, +/- 4 volts. Each unit has been thoroughly checked before shipping, so if you do not hear any sound from the mic check to be sure that phantom power on the mixer or separate power supply is switched on. **CAUTION!** When turning on phantom power it can cause a loud “pop” in the audio path. Be sure to mute the channel you are turning on or the main outputs to avoid equipment (and ear) damage.

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 cable allows noise to enter or causes distortion and loss of information. We recommend using a Mogami cable.

FREQUENCY IIE-



Type:
Diaphragm:
Frequency Range:
Polar Pattern:
Impedance:
Sensitivity:
S/N Ratio:
Equivalent Noise Level:
Max SPL for 0.5% THD:
Max output 1K load:
Power Requirements:
Current Consumption:
Size:
Weight:

Condenser pressure gradient mic with large 32mm capsule
Gold-Sputtered, vintage modeled diaphragm
20Hz-20kHz
Cardioid
150Ω
12mV/Pa
80dB (Ref. 1Pa A-weighted)
14dB (A weighted IEC 651)
145dB
+13 dBu
Phantom Power 48V ±4V
5.4mA
6¾" x 3¼"
2.35Lb



Care

Dust and foreign material can degrade the performance of a microphone over time so always store the unit in its case. Avoid getting moisture on the diaphragm as this can substantially degrade the microphone's performance. Store the microphone in its original packaging, or the included zipper pouch.

Warranty

Marshall microphones are guaranteed against defects in material and workmanship for one year 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.



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