



V87 Low Noise Condenser Microphone

Marshall Electronics, Inc.
1910 East Maple Ave. El Segundo, CA 90245
Phone: (310) 333-0606 Fax: (310) 333-0688
E-mail: Sales@mxlmics.com
Internet: www.MXLMics.com

Thank you for purchasing the MXL® V87 studio 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. For best results, please take a few moments to review this literature.

General Characteristics

This microphone has a 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. It is strongly advised to use a mesh pop-filter to avoid moisture from damaging the capsule.

Power Requirements

IMPORTANT - This microphone requires phantom power at 48 volts, +/- 4 volts. This unit has been thoroughly checked before shipping, so if you hear no sound, check that the phantom power on your mixer, preamp, 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. We highly recommend using Mogami® brand cable.

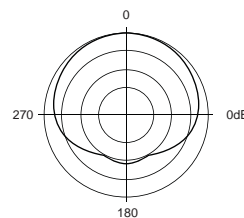
Care

Dust and foreign material can degrade the performance of a microphone over time so always store the unit in its box. For vocals we recommend using the included pop filter to avoid 'P' pops and getting moisture on the diaphragm as this can substantially degrade the microphone's performance.

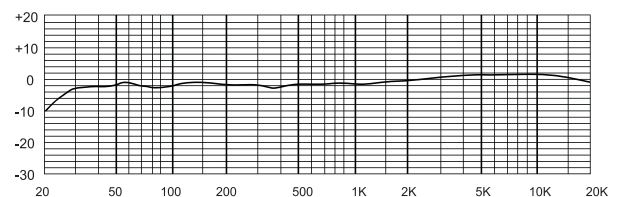
V87 Specs:

Type:	Pressure gradient condenser microphone
Diaphragm:	6 micron gold-sputtered
Frequency Range:	20 Hz – 20 kHz
Polar Pattern:	Cardioid
Impedance:	200Ω
S/N Ratio:	85.5 dB (Ref. 1Pa A-weighted)
Equivalent Noise Level:	8.5 dB (A weighted IEC 268-4)
Max SPL for 0.5% THD:	136dB
Power Requirements:	48V Phantom Power (+/- 4V)
Size:	47mm x 190mm
Weight:	1.1 lbs
Metal Finish:	Nickel

Polar Pattern



Frequency Response



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.