

# Marshall Electronics, Inc.

Product Innovation Through Technical Excellence!

1910 East Maple Ave. El Segundo, CA 90245

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Internet: [www.MXLmics.com](http://www.MXLmics.com)

**Thank you** for purchasing the MXL V67 Condenser 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

The optional MXL57 shock mount can shift in shipment. Simply shift the nylon 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 mount all the way to the rim of the microphone for the most secure hold.

## Microphone Cables

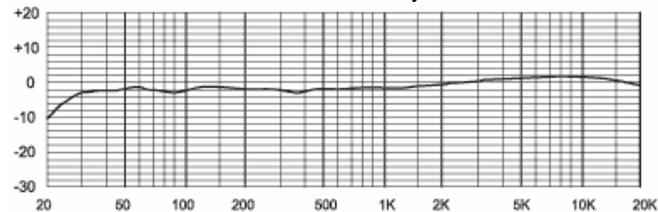
The microphone cable can have a profound effect on the sound of any microphone. Even the finest microphones will sound poor if the interconnect cable allows noise to enter, or causes distortion and loss of information. Use only the best microphone cable your budget will allow.

## Care

Dust and foreign material can degrade the performance of a microphone over time so always store the unit in its case. 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. Store the microphone in its original packaging, or the included zipper pouch.

## Data

<b>Type:</b>	25mm gold sputtered 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>	15 MV/pa (-36.5db, odr=1 V/pa)
<b>Output impedance:</b>	200 ohms
<b>Equivalent noise:</b>	20db (A-weighted IEC 268-4)
<b>Power Requirement:</b>	48 V phantom power (+/- 4 V)
<b>Current Consumption:</b>	<3.0mA
<b>Weight:</b>	470 g
<b>Dimensions:</b>	55mm x 190 mm
<b>Metal Finish:</b>	Green Body / Gold Grill



## 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.



# V67N Small Diaphragm Instrument Microphone

Marshall Electronics, Inc.  
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Thank you for purchasing the MXL V67N Small Diaphragm Instrument Microphone. MXL microphones are the result of world-class engineering and manufacturing capabilities. Our products are designed to provide you with outstanding performance and exceptional value. For the best results, please take a few moments to review this literature.

## General Characteristics

This microphone includes two interchangeable capsules with gold-sputtered diaphragms. One capsule is designed for a cardioid pick-up pattern; the other capsule is designed for an omni-directional 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** - This microphone requires phantom power at 48 volts, +/- 4 volts. This unit has been thoroughly checked before shipping, so if you do not hear 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

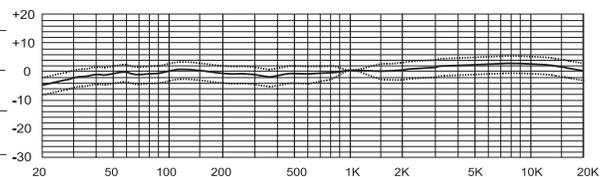
Dust and foreign material can degrade the performance of a microphone over time so always store the unit in its box.

For more information about MXL microphones, visit [mxlmics.com](http://mxlmics.com)

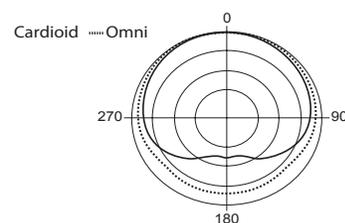
## V67N Specs:

Type:	Pressure gradient condenser microphone
Diaphragm:	22mm Gold-sputtered, 6 micron
Frequency Range:	20 Hz - 20 kHz
Polar Pattern:	Cardioid/Omni
Sensitivity:	-49dB re 1 V/Pa
Impedance:	<300 ohms
S/N Ratio:	78dB
Equivalent Noise Level:	-16dBA (A weighted IEC 651)
Max SPL for 0.5% THD:	148dB SPL
Current Consumption:	5.2mA
Power Requirements:	48V Phantom Power (+/- 4V)
Size:	124mm x 23mm
Weight:	0.2 lbs
Metal Finish:	Green with gold grill

Frequency Response



Polar Pattern



## 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.