

# Marshall Electronics, Inc.

Product Innovation Through Technical Excellence!

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**Thank you** for purchasing the MXL V69M Tube 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 an internal vacuum tube preamp. As tubes are well known to generate heat, it is recommended that the V69 be in an inverted position to prevent excess heat from altering the diaphragm characteristics during continuous usage. For this reason, always take extra care to insure that the V69 is securely seated in the included shockmount. Additionally, do not "hot plug" the mic. Always make sure that the power supply is off when plugging and unplugging the included seven-pin mic cable from the microphone. Large capsule tube 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 the dedicated power supply. This supply is switchable between 115 volts and 230 volts AC. In the United States, make sure that the switch on the back of the supply is set to 115. Every Marshall Electronics MXL mic has been thoroughly checked before shipping; so if you hear no sound, check that the power supply is switched on.

## Isolation Mount

The MXL 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

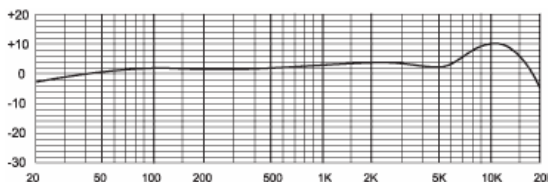
The microphone cable can have a profound effect on the sound of any microphone. Even the finest microphones will sound poor if the interconnect cable allows noise to enter, or causes distortion and loss of information. Use only the finest microphone cable your budget will allow. We highly recommend the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

## 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.

## Data

<b>Type:</b>	25mm gold sputtered diaphragm
<b>Frequency Response:</b>	20Hz – 20 kHz
<b>Polar pattern:</b>	Cardioid
<b>Sensitivity:</b>	22 MV/pa
<b>Impedance:</b>	200 ohms
<b>S/N Ratio:</b>	72dB (Ref. 1Pa A-Weighted)
<b>Equivalent noise:</b>	22db (A-weighted IEC 268-4)
<b>Max SPL for .5 %THD:</b>	140 dB
<b>Power Requirement:</b>	120/240V 50/60 hz.
<b>Dimensions:</b>	55mm x 210 mm
<b>Weight:</b>	500g
<b>Metal Finish:</b>	Black Body / Gold Grill



## Warranty

Marshall microphones are guaranteed against defects in material and workmanship for three years (except tube which is 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.