

Warranty

MXL microphones are guaranteed against defects in materials and workmanship for one year from the date of purchase. If you encounter any problem with this unit, promptly contact the company from which you purchased it 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.



A Division of Marshall Electronics

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V69M EDT



MOGAMI® Edition

Large Diaphragm Tube

Condenser Microphone

V69M EDT



MOGAMI® Edition Large Diaphragm Tube Condenser Microphone

Thank you for choosing the MXL V69M EDT. For best results, please take a few moments to read this manual and familiarize yourself with proper operation and care of your microphone.

General Characteristics

This microphone has an internal vacuum tube preamp. As tubes are well known to generate heat, it is recommended that the V69M EDT 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 hearing) damage.

Contents

Unpack your MXL microphone package carefully and verify that all of the following items are included:

- MXL V69M Mic
- MXL-57 High Isolation Shockmount
- 15" Mogami Cable
- Windscreen
- PS-69 Power Supply
- Aluminum Flight Case
- Microfiber Cleaning Cloth

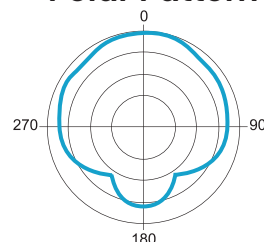
Power Requirements

IMPORTANT - This unit requires phantom power at 48 volts, ± 4 volts, in order to operate. Each unit has been thoroughly checked before shipping, so if you do not hear sound, check that the phantom power on your mixer or separate power supply is switched on.

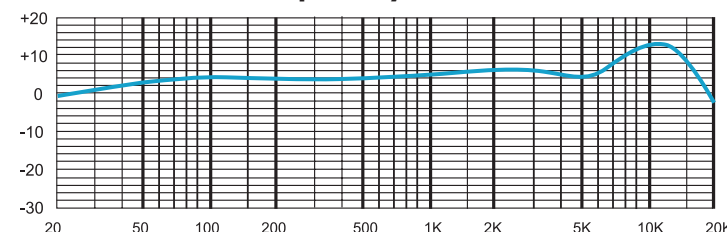
Microphone Cables

Your 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. We highly recommend the Mogami® Cable supplied with the microphone.

Polar Pattern



Frequency Chart



Specifications

Type	Pressure Gradient Multi-Pattern Condenser Mic
Diaphragm	6 Micron Gold-Sputtered
Capsule Size	32mm/1.26 in.
Frequency Response	20 Hz - 20 kHz
Polar Pattern	Cardioid/Figure-8/Omni
Sensitivity	-35 dB re 1 V/Pa
Output Impedance	200 ohms
Attenuation Switch	0 dB, -10 dB
Equivalent noise	16 dB (A-weighted IEC 651)
S/N Ratio	78 dB (Ref. 1 Pa A-Weighted)
High Pass Filter	6 dB/Octave @ 135 Hz
Max SPL for .5% THD	130 dB/140 dB (0 dB, -10 dB pad)
Power Requirements	48V Phantom Power (± 4 V)
Size	60mm x 185mm/2.36 in. x 7.28 in.

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 pop filter 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 in a cool, dry place along with the included packet of silica gel.