



# -V67Q STEREO-



**Marshall Electronics**

Professional Audio Division

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Stereo Condenser Microphone

Thank you for choosing the MXL V67Q STEREO Condenser microphone. With proper care, this mic will provide many years of satisfaction. To get the best results, please take a few moments to read this manual.

Enjoy your microphone!

## The MXL Team

## General Characteristics

The V67Q Stereo Condenser microphone has two closely matched 22mm cardioid capsules, which are arranged as an X/Y 90-degree pair. The capsule behind the “L” is more sensitive to sound waves arriving from the left side of the microphone as opposed to those arriving from the right side. The capsule behind the “R” is just the opposite. To achieve true stereo sound, each channel must be panned to its respective left or right side. The recording environment plays a large part in the quality of the recordings you will obtain. Experimenting with factors such as position and reflective panels will prove to be invaluable when setting up the microphone. Your ears are your best tools, so listen to the sound source directly and compare it to the sound that comes from the microphone. We recommend that you begin with all EQ levels flat and make small changes to obtain the desired sound.

## Contents

Unpack your MXL V67Q STEREO microphone carefully and verify that all of the following items are included:

- MXL V67Q STEREO microphone
- 10’ Stereo XLR cable
- Hard mount mic stand adapter

If any of these items are missing or damaged, contact the company from which you purchased the microphone.

## Power Requirement

**IMPORTANT** - This microphone requires phantom power at 48 volts, +/- 4 volts. Phantom power must be supplied to the left channel (white shrink tube) in order for the microphone to receive power. No damage will be done if phantom power is also supplied to the right channel (red shrink tube), but the microphone will not function if phantom power is supplied only to the right channel (red shrink tube).

## Microphone Cable

A special 10 foot cable is included with the microphone. This cable has a 5 pin connection on one end and two XLR connections on the other and is required for stereo microphones. The left channel is designated by a white shrink tube while the right channel is designated by a red shrink tube. The microphone cable can have a profound effect on the sound of any microphone. Even the finest microphones will sound

poor if the interconnection cable allows noise to enter, or causes distortion and loss of information.

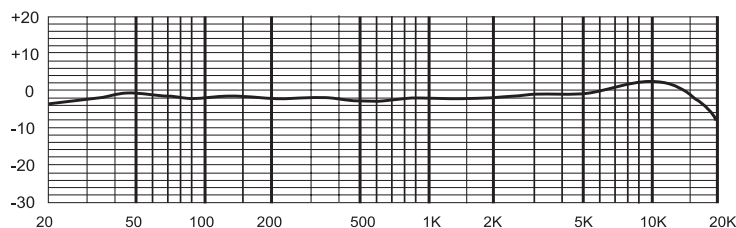
## Care

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 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. These steps will help keep the mic in proper working order and sounding its best for many years to come.

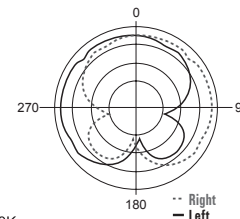
## Specifications

Type	Pressure gradient tube condenser mic
Diaphragm	6 micron gold-sputtered
Capsule Size	22mm/.87 in.
Frequency Response	20Hz – 20kHz
Polar Pattern	90° XY Stereo
Impedance	100 ohms per side
Sensitivity	20 mV/Pa
S/N Ratio	80 dB (Ref. 1Pa A-Weighted)
Equivalent Noise	14 dB (A-weighted IEC 651)
Max SPL for 0.5% THD	132 dB
Power Requirement	48V phantom power (+/- 4V)
Size	47mm x 184mm/1.85 in. x 7.24 in.
Weight	2.35 lbs/1.07kg
Metal Finish	Green with gold grill

## Frequency Chart



## Polar Pattern



## Warranty

MXL microphones are guaranteed against defects in material and workmanship for one year from the 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.