



#### **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.

## **Marshall Electronics**

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# V67I

**Owners Manual**



Congratulations on your purchase of the **MXL V67i** Dual Capsule Cardioid 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. A high quality studio microphone is one of the essential tools in any musician's equipment arsenal. To help you obtain the best results from your new purchase, we encourage you to take a few minutes to review this owners' manual and the accompanying MXL applications guide.

#### **A Little Background Information**

MXL condenser microphones use what is known as a cardioid pickup pattern, which is more sensitive to sound waves arriving at the front of the microphone as opposed to those arriving from the sides or rear. The V67i is unique in that it has two capsules and, hence, two front sides - Bright and Warm.

Cardioid microphones make an excellent choice for many recording applications. While there are no hard and fast rules for microphone positioning, the setups in the included applications guide are a good place to begin as they work well in many recording situations - though we encourage you to experiment.

While the included microphone clip will serve you well in many recording environments, we nonetheless recommend you consider using a shockmount with your microphone - particularly if you find your V67i is picking up floor noises that are transmitted through the microphone stand. Shockmounts decouple the microphone from the micstand and the environment. With a shockmount, you minimize floor noise as well as any noise induced by people handling the microphone stand. In professional recording studios, shockmounts are considered "standard equipment" for all recording applications. MXL has a shockmount available for your V67i.

Exercise care while handling your microphone. Your microphone's capsules are the "crown jewels" of the instrument. Avoid jarring or dropping the microphone. These vibrations - including tapping on the microphone to "test" its operation - can cause damage to the capsules and other electronics. You should also protect the capsules from wind. Avoid testing the microphone by blowing into it. If you find yourself recording an outdoor performance, you would be well advised to use a windscreen as protection for your microphone.

The V67i features a solid state preamp with balanced transformer output. As a condenser microphone, the **V67i requires 48Volt Phantom Power and will not operate without external power.**

#### **Unpack Your Microphone**

Begin by examining the contents of your MXL V67i system.

You should have the following components:

- One V67i microphone
- Microphone clip (this holds the microphone)
- Protective microphone pouch
- Protective wooden box

#### **A Few Words About the Microphone Cable**

While the MXL V67i is an excellent transducer - capturing and converting acoustical energy into electrical energy that devices such as recorders can understand - the cable that carries the microphone's output into your mixer and other equipment is equally important. For best results, we encourage you to use a high quality XLR cable of suitable length for use in your particular recording environment. MXL recommends Mogami cable, as this is the choice of professional recording studios everywhere.

As a matter of fact, your MXL V67i is internally wired with Mogami cable. For additional information on Mogami cable, please visit [www.mogamicable.com](http://www.mogamicable.com)

#### **Understanding the V67i: Basic Operation**

As you already know, the MXL V67i is unique in that it has two capsules. Designed to provide you with a versatile instrument capable of addressing a wide range of studio applications, the V67i is like having two mics in one - with the front side having a warm, lush sound, and the microphone's back side simulating some of the brighter sounding vintage capsules characteristic of early 60s tube microphones.

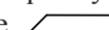
#### **Switching Capsules (and knowing which one is active)**

As you look at the front of the V67i (the side with the MXL logo and the microphone's name), there is a Warm/Bright (Wm/Br) switch located on the upper-most part of the microphone's green body. This switch enables you to select the capsule you prefer.

Located directly above the V67i's Wm/Br switch, you'll notice "Wm" is labeled on the gold ring that secures the microphone's protective grill. Similarly, there is a "Br" identifier on the opposite (back) side of the ring. These labels identify the V67i's two capsules. Further, there is a RED LED for each capsule located inside the microphone grill at the base of the capsules. Depending upon which capsule is active, you will see the lit LED as you face the side of the microphone that is currently engaged. CAUTION - Always lower your volume levels when switching capsules, otherwise, speaker or headphone damage could occur.

#### **The V67i's Attenuation and Low Frequency Roll-Off Switches**

You will find the V67i's Attenuation and Low Frequency Roll-Off switches located on the back side of the microphone along the upper-most part of the instrument's green body. For best results, you should experiment with these settings.

The Low Frequency Roll-Off switch is identified with two markings:  and . When in the  position, the low frequency roll-off switch enables the V67i to compensate for proximity effect or to eliminate wind noise during outdoor recording.

The Attenuation switch is identified with two markings:  and . When in the  position, the V67i is optimized for handling high sound pressure levels (SPL).

#### **Using the Supplied Microphone Clip**

1. Secure the microphone clip to your microphone stand. On the microphone clip, you will find an adjustment for angling the position of the microphone. Angle the clip so the ring is horizontal and parallel to the floor.
2. Holding the microphone upright and firmly in one hand, unscrew and remove the black knurled ring that secures the microphone's base.
3. Holding the microphone upright in one hand, place the microphone into the "cup" portion of the microphone clip and then tighten the black knurled ring back onto the base of the microphone. Your V67i is now supported by the microphone clip.

#### **For More Information**

For additional information about your MXL V67i, how to contact technical support, as well as information on other products manufactured by MXL, please visit us online at [www.mxlmics.com](http://www.mxlmics.com).