



Warranty

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

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V67I TUBE

Owners Manual



Congratulations on your purchase of the **MXL V67i Tube** 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

The V67i Tube has 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 Tube is unique in that it has two capsules and, hence, two switch selectable 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.

This microphone has an internal vacuum tube preamp and tubes are well known to generate heat. 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.

The MXL shockmount 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. The included microphone shockmount will serve you well in many recording environments, particularly if you find your V67i Tube is picking up floor noises that are transmitted through the microphone stand. Shockmounts de-couple 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.

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. 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. 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.

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.

Unpack Your Microphone

Begin by examining the contents of your MXL V67i Tube kit.

You should have the following components:

- One V67i Tube microphone
- 15ft XLR microphone cable
- Power supply
- Windscreen
- Shockmount
- Aluminum flight case
- 15ft 7-pin tube cable

A Few Words About the Microphone Cable

The microphone cables can have a profound effect on the sound of any microphone. 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 and is supplied with this kit. As a matter of fact, your MXL V67i Tube is internally wired with Mogami cable.

For additional information on Mogami cable, please visit: www.mogamicable.com

Understanding the V67i Tube: Basic Operation

As you already know, the MXL V67i Tube 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 Tube 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.



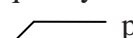
Switching Capsules (and knowing which one is active)

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

Located directly above the V67i Tube's Wm/Brt switch, you'll notice "Wm" is labeled on the gold ring that secures the microphone's protective grill. Similarly, there is a "Brt" identifier on the opposite (back) side of the ring. These labels identify the V67i Tube's two capsules. Further more, 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 Tube's Attenuation and Low Frequency Roll-Off Switches

You will find the V67i Tube's Attenuation and Low Frequency Roll-Off switches located on the back side of the microphone along the upper-most part of the 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 Tube to compensate for proximity effect or to eliminate wind noise during outdoor recording.

The Attenuation switch is identified with two markings: 0dB and -10dB. When in the -10dB position, the V67i Tube is optimized for handling high sound pressure levels (SPL).

For More Information

For additional information about your MXL V67i Tube, how to contact technical support, as well as information on other products manufactured by MXL, please visit us online at www.mxlmics.com.