

Marshall Electronics

1910 East Maple Ave.
El Segundo, CA 90245
<http://www.mxlmics.com>

MXL 990 Stereo Manual



Thank you for purchasing the MXL 990 Stereo studio-recording 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. 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 two 20 mm gold diaphragm capsules in an X/Y pattern for stereo recording. 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.

Power Requirements

IMPORTANT – This microphone requires phantom power at 48 volts, +/- 4 volts. Phantom power must be supplied to both XLR connectors on the split end of the cable (red and white shrink tube) in order for the microphone to work. The microphone will not function properly if phantom power is supplied to only one side of the cable. Each unit has been thoroughly checked before shipping, so if you hear no sound, check that the phantom power on your preamp, mixer or separate power supply is switched on to both channels!

Isolation Mount

An OPTIONAL MXL-90 shock mount can be purchased for this microphone. It is a high isolation shock mount used to reduce rumble and other unwanted vibrations transmitted through the mic stand. Contact your local MXL dealer for purchasing information.

Microphone Cables

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 “popper stopper” or a foam wind-screen to avoid getting moisture on the diaphragm as this can substantially degrade the microphone’s performance. Store the microphone in its original packaging, or the included zip-per pouch.

Warranty

Marshall microphones are guaranteed against defects in material and workmanship for 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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