



CE60V



Marshall Electronics

Professional Audio Division

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Condenser Microphone

Thank you for purchasing an MXL CE60V condenser microphone. With proper care, this mic will provide many years of satisfaction. For best results, please take a few moments to review this manual.

Enjoy your microphone!

The MXL Team

General Characteristics

This microphone has a one-inch gold sputtered diaphragm and a fairly wide fixed cardioid pickup pattern. Large capsule 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 ear) damage. It is strongly advised to use a mesh pop-filter to prevent moisture from damaging the capsule.

Contents

Unpack your MXL CE60V microphone carefully and verify that all of the following items are included:

- MXL CE60V microphone
- Shock mount
- Carrying case

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

Power Requirement

IMPORTANT - This unit requires phantom power at 48 volts, +/- 4 volts. Each unit has been thoroughly checked before shipping, so if you hear no sound, check that the phantom power on your mixer or separate power supply is switched on!

Microphone Cable

The microphone cable can have a profound effect on the sound of any microphone. Even the finest microphone will sound poor if the interconnect cable allows noise to enter or causes distortion and loss of information. We recommend that you use the best microphone cable that your budget will allow.

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 “popper stopper” or a foam windscreen to avoid getting moisture on the diaphragm as this can substantially degrade the microphone’s performance.

Shock Mount

The MXL shock mount 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.

Specifications

Type	Condenser pressure gradient 32mm Capsule
Frequency Response	30Hz – 20 kHz
Polar Pattern	Cardioid
Output Impedance	150 ohms
Sensitivity	18 mV/pa
S/N Ratio	78dB (Ref. 1Pa A-weighted)
Equivalent Noise	16 db (A-weighted IEC 268-4)
Max SPL for 0.5% THD	130 dB
Power Requirement	48 V phantom power (+/- 4 V)
Current Consumption	<3.0mA
Size	50mm x 190 mm
Weight	1.3 lb
Metal Finish	Gray

Warranty

This microphone is 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 store 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.