



V250



Pressure-Gradient
Condenser Microphone



A Division of Marshall Electronics

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V250

Pressure-Gradient Condenser Microphone



Thank you for choosing the MXL V250 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

This microphone has a gold-sputtered diaphragm and a fixed cardioid pickup pattern. Condenser microphones are very sensitive, readily revealing very subtle sonic details. They also tend to pick up sounds outside the pattern more than other designs, which can lead to powerful feedback if you are not careful. We advise experimenting with placement and isolation techniques, initially setting the gain to low to avoid equipment (and ear) damage. We strongly advise using a mesh pop-filter to avoid moisture damage to the capsule.

Contents

Unpack your MXL V250 microphone carefully and verify that all of the following items are included:

MXL V250 microphone

Hard mount mic stand adapter

MXL Cleaning Cloth

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. This unit has been thoroughly checked before shipping, so if you do not hear 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 microphones will sound poor if the interconnect cable allows noise to enter and causes distortion or loss of information. Use only the best microphone cable your budget will allow. We highly recommend using Mogami® brand cable.

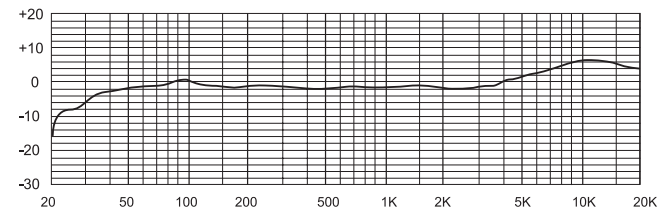
Care

Dust and foreign material can degrade the performance of a microphone over time, so always store the unit in its case. Due to the delicate nature of condenser microphones, never use water or any other liquid for cleaning purposes.

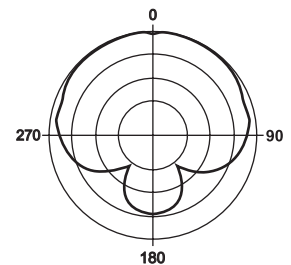
Specifications

Type	Pressure-gradient condenser mic.
Frequency Response	30 Hz–20 kHz
Polar Pattern	Cardioid
Impedance	200 ohms
Sensitivity	15 mV/Pa
Equivalent Noise	20 dB (A-weighted IEC 268-4)
S/N Ratio	80 dB (Ref. 1Pa A-weighted)
Max SPL for 0.5% THD	130 dB
Power Requirement	48V phantom power ($\pm$ 4V)
Current Consumption	< 3.0mA
Size	47mm x 170mm /1.85 in. x 6.69 in.
Weight	0.8 lbs / 362.87g
Metal Finish	Gray/Silver

Frequency Chart



Polar Pattern



Warranty

MXL 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.