



991



Instrument Microphone

Marshall Electronics

Professional Audio Division

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Thank you for purchasing the MXL 991 Condenser microphone. With proper care, this mic will provide many years of satisfaction. For best results, please take a few moments to review this literature. 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 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) damaging surprises!

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 microphones will sound poor if the interconnect cable allows noise to enter, or causes distortion and loss of information. Use only the best microphone cable your budget will allow.

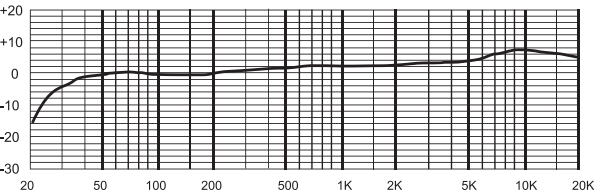
Care

Dust and foreign material can degrade the performance of a microphone over time so always store the unit in its case.

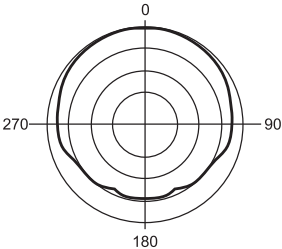
Specifications

Type	Condenser pressure gradient mic
Frequency Response	30Hz – 18 kHz
Polar Pattern	Cardioid
Out Impedance	110 ohms
Sensitivity	15mV/Pa
S/N Ratio	78 dB (Ref. 1Pa A-weighted)
Equivalent Noise	18dB(A weighted IEC 268-4)
Max SPL for 0.5% THD	137dB
Power Requirement	48 V phantom power (+/- 4 V)
Current Consumption	<3.0mA
Size	22 mm x 134 mm
Weight	0.35 lbs
Metal Finish	Champagne

Frequency Chart



Polar Pattern



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.