

USER MANUAL

Thank you for purchasing the MXL Trophy Custom Studio Condenser Microphone, an extraordinary vocal and instrument microphone that includes a removable nameplate for custom inscription.

MXL microphones are the result of world-class engineering and manufacturing capabilities. The MXL Trophy is designed to provide you with outstanding performance and exceptional value. For best results, please take a few moments to review this literature.

General Characteristics

The MXL Trophy secures to standard American microphone stands by using the included hard-mount mic clip. This microphone has a side-tapped 34mm capsule and a fixed cardioid pickup pattern. A cardioid microphone picks up sound from the front of the microphone, less sound from the sides, and has good rejection of sound to the back of the microphone. Always speak or sing into the front of the microphone while maintaining a 3 to 6-inch distance from the mic. The front of the microphone is the side where the MXL logo appears.

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 hearing) damage!

Power Requirements

IMPORTANT: This microphone requires phantom power at 48 volts, +/- 4 volts. Each unit has been thoroughly checked before shipping, so if you do not hear sound, check that the phantom power on your preamp, mixer or separate power supply is switched on!

Microphone Cables

This microphone connects to a preamp or mixer via XLR 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. We highly recommend using Mogami[®] brand cable.

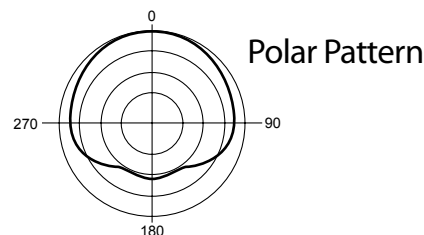
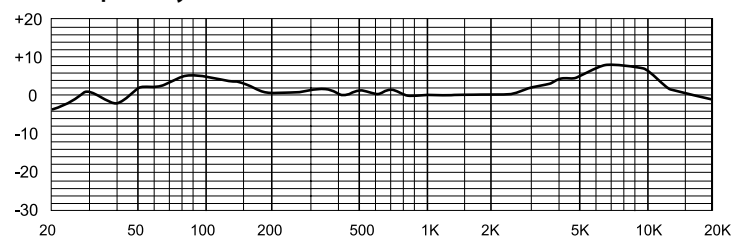
Care

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

Specifications

Type:	Pressure gradient condenser mic
Capsule:	Side-tapped 34mm
Diaphragm:	Gold-sputtered, 6 micron diaphragm
Frequency Range:	20 Hz-20 kHz
Polar Pattern:	Cardioid
Sensitivity:	-41.9dB re 1 V/Pa
Impedance:	200 ohms
S/N Ratio:	83dB
Equivalent Noise Level:	-11 dBA (A-weighted IEC 651)
Max SPL for 0.5% THD:	142dB SPL
Power Requirements:	48V phantom power (+/- 4V)
Current Consumption:	6.6mA
Size:	52mm x 165mm/2.05 in. x 6.50 in.
Weight:	1.70lb/760g
Metal Finish:	Chrome

Frequency Chart



Warranty

Marshall microphones are guaranteed against defects in material and workmanship for three years 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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