



CX-22

Condenser Microphone

Marshall Electronics, Inc.
1910 East Maple Ave. El Segundo, CA 90245
Phone: (310) 333-0606 Fax: (310) 333-0688
E-mail: Sales@mxlmics.com
Internet: www.MXLmics.com

Thank you for purchasing the MXL CX-22 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.

General Characteristics

This microphone has a 22mm gold sputtered capsule and a fairly wide 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 Requirements

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!

Isolation Mount

The optional MXL41-603 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.

Microphone Cables

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. We recommend the use of Mogami Gold Studio microphone cables.

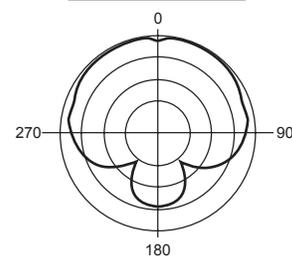
Care

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. Store the microphone in its original packaging, or the included zipper pouch.

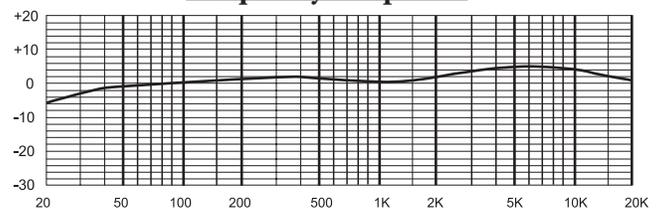
CX-22 Specifications

Microphone Type:	Pressure gradient condenser
Diaphragm:	6 micron gold-sputtered
Capsule Size:	22mm/.87 in.
Frequency Response:	30Hz - 20kHz
Polar pattern:	Cardioid
Sensitivity:	10mV/Pa
Output Impedance:	200 ohms
Equivalent noise:	18 dB (A-weighted IEC 268-4)
S/N Ratio:	80 dB (Ref. 1 Pa A-weighted)
Max SPL for .5% THD:	134 dB
Power Requirements:	48V phantom power (+/-4V)
Size:	51 mm x 175 mm/2 inches x 6.9 inches
Weight:	0.6 lbs/280g
Metal Finish:	Black

Polar Pattern



Frequency Response



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.