

Warranty

MXL microphones are guaranteed against defects in materials and workmanship for one year from the date of purchase. If you encounter any problem with this unit, promptly contact the company from which you purchased it 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.



MCA-SP1



A Division of Marshall Electronics

310-333-0606 ■ 800-800-6608 ■ Fax: 310-333-0688
www.mxlms.com ■ sales@mxlms.com

Large Diaphragm

Condenser Microphone

Large Diaphragm Condenser Microphone

Thank you for choosing the **MXL MCA-SP1** Large Diaphragm Condenser Microphone. For best results, please take a few moments to read this manual and familiarize yourself with proper operation and care of this microphone.

Contents

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

- MXL MCA-SP1 Mic
- Hard Mount
- Mic Stand Adapter

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

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) damage. It is strongly advised to use a mesh pop-filter to avoid moisture from damaging the capsule.

Power Requirements

IMPORTANT – The MCA-SP1 requires 48V phantom power ($\pm 4V$). If no sound is picked up by the microphone, make sure that the phantom power on your mixer or separate power supply is switched on.

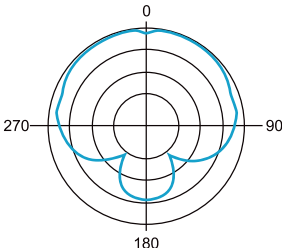
Microphone Cable

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.

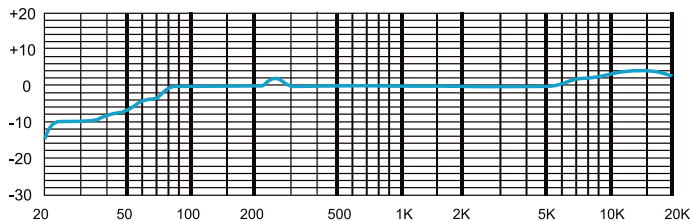
Care

Dust and foreign material can reduce the performance of a microphone over time, so you should store the MCA-SP1 in its case when not in use.

Polar Pattern



Frequency Chart



Technical Specifications

Type:	Condenser microphone
Frequency Response:	30 Hz – 20 kHz
Pickup Pattern	Cardioid
Address	Side-Addressed
Output Impedance	200 Ω
Max SPL	135 dB
Capsule/Element	0.86
Connector	XLR
Power	Phantom power (48 V)
Power Consumption	N/A
Weight	1.20 lbs (544.31 g)
Length	7.00 in (177.80 mm)
Max Diameter	1.85 in (46.99 mm)
Finish	Black body with white printing