



# 603 PAIR



**Marshall Electronics**  
Professional Audio Division

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Instrument Microphones

Thank you for choosing the MXL 603 PAIR 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 twenty millimetre 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!

### Contents

Unpack your MXL 603 PAIR microphone carefully and verify that all of the following items are included:

- MXL 603 PAIR microphone
- Shock mount
- Aluminum flight case

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

### Power Requirement

The MXL 603 PAIR 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 MXL 603 PAIR in its case when not in use.

### Shock Mount

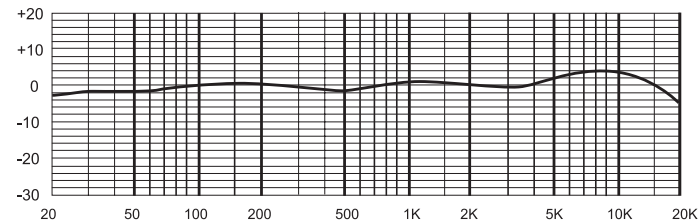
The MXL shock mount can shift in shipment. Simply shift the nylon bands to center the microphone in the assembly. Be sure that the wire clamp

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.

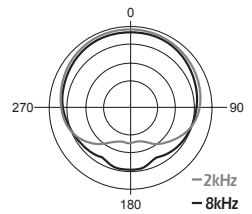
### Specifications

Type	Condenser pressure gradient mic
Frequency Response	30Hz-20kHz
Capsule Size	22mm/.87 in.
Polar Pattern	Cardioid
Impedance	200 ohms
Sensitivity	10mV/Pa
S/N Ratio	80dB (Ref. 1Pa A-weighted)
Equivalent Noise	18dB(A weighted IEC 268-4)
Max SPL for 0.5% THD	134dB
Power Requirement	Phantom Power 48V $\pm 4V$
Current Consumption	<3.0mA
Size	22mm x 135mm
Weight	130 g
Metal Finish	Silver

### Frequency Chart



### Polar Pattern



### Warranty

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