Thank you for purchasing the MXL 992 Condenser microphone. With proper care, this mic will provide many years of satisfaction. To ensure the best results, please take a few moments to review this literature.

General Characteristics
This microphone has a twenty-five 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. This can lead to powerful feedback if you are not careful. We strongly advise experimentation with placement and isolation requirements, 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 sound, check that the phantom power on your mixer or separate power supply is switched on!

Microphone Cables
The microphone cable can have a profound effect on the sound of any microphone. Even the finest microphones will sound bad 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. Remove fine dust from the exterior with a damp soft cloth. Clean the gold contacts occasionally with a de-oxidant/cleaner. For vocals use a “popper stop” windscreen to avoid getting moisture on the diaphragm as this can substantially degrade the microphone’s performance.

TECHNICAL DATA
Type: Six micron condenser pressure gradient capsule
Frequency Response: 25-20 KHz
Polar Pattern: Cardioid
Sensitivity: 15mV/pa
Output Impedance: 200 ohms
Max SPL: 130 dB, 140 dB w/-10dB cut
S/N Ratio: 80dB (Ref. 1 PA, A weighted)
Equivalent Noise Level: 10dB (A weighted IEC 268-4)
High Pass Filter: 6dB/octave, 150HZ (Internal switch)
Preamtenuation Switch: 0/-10dB
Metal Finish: Champagne
Weight: 2 lbs.
Operating Voltage: 48V phantom power (+/- 4V)

Warranty
Marshall microphones are guaranteed against defects in material and workmanship for Three years from date of purchase. Should any problem with this unit, promptly contact the company you purchased it from for assistance. The original dated sales receipt will be required for any warranty claim. Do not send any unit directly to us without prior authorization from our service department! Warranty covers repair or replacement (at our option) of the microphone, and does not cover incidental damages due to use of this unit, nor damage accidental misuse of this product.
Thank you for purchasing the MXL 993 Instrument 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 twenty-two 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!

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!

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. 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. Remove fingerprints from the exterior with a clean soft cloth.

**TECHNICAL DATA**

| Type: Condenser pressure gradient mic with large 20 mm diaphragm |
|-----------------|--------------------|
| Frequency Range: 30Hz-20kHz |
| Polar Pattern: Cardioid |
| Sensitivity: 10mV/Pa |
| Impedance: 200 ohms |
| S/N Ratio: 80dB (Ref. 1Pa A-weighted) |
| Equivalent Noise: 18dB(A weighted IEC 268-4) |
| High Pass Filter: 6dB/octave, 100HZ switchable |

**Switch:** 0/-10dB

Max SPL for 0.5% THD: 134dB

Power Requirements: Phantom Power 48V ±4V

Current Consumption: <3.0mA

Size: 24mm x 215mm

Weight: 200g

Metal Finish: Champagne

**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.