



# MXL 440/441

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Thank you for purchasing the MXL 440/441 Recording Ensemble. With proper care, these microphones will provide many years of satisfaction. For best results, please take a few moments to review this literature.

## General Characteristics

These microphones have gold-sputtered diaphragms 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** - These units require 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!

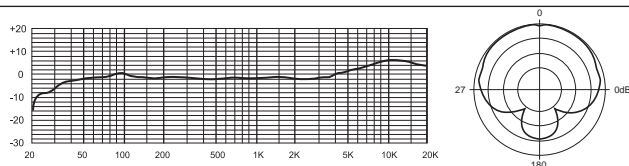
## Microphone Cables

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

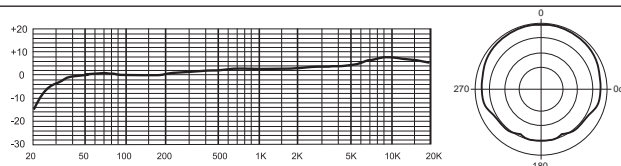
Dust and foreign material can degrade the performance of a microphone over time so always store the unit in its case.

### MXL 440



Type:	Pressure gradient condenser microphone
Frequency Range:	30 Hz – 20 kHz
Polar Pattern:	Cardioid
Sensitivity:	15mV/Pa
Impedance:	200Ω
S/N Ratio:	80dB (Ref. 1Pa A-weighted)
Equivalent Noise Level:	20dB(A weighted IEC 268-4)
Max SPL for 0.5% THD:	130dB
Power Requirements:	48V Phantom Power (+/- 4V)
Current Consumption:	<3.0mA
Size:	53mm x 180mm
Weight:	1.2 lbs
Metal Finish:	Black with gold print

### MXL 441



Type:	Pressure gradient condenser microphone
Frequency Range:	30 Hz – 18 kHz
Polar Pattern:	Cardioid
Sensitivity:	15mV/Pa
Impedance:	110Ω
S/N Ratio:	78dB (Ref. 1Pa A-weighted)
Equivalent Noise Level:	20dB(A weighted IEC 268-4)
Max SPL for 0.5% THD:	137dB
Power Requirements:	Phantom Power 48V ±4V)
Current Consumption:	<3.0mA
Size:	22mm x 134mm
Weight:	0.35 lbs
Metal Finish:	Black with gold print

## 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.