900
MXL Series
Microphones
### MXL 909

- Class A solid state electronics
- Affordable large capsule cardioid condenser
- Includes shockmount and carrying case
- Attractive silver finish
- Connector: 3-pin male XLR

The MXL 909 is a 1" Large Diaphragm, Gold Sputtered true “Class A” Condenser Microphone. The 909 employs an FET amplifier design which has an extremely low-noise floor. It is a silky, open sounding microphone that is perfect for recording vocals into all recording devices. The MXL 909 comes standard with a hi-isolation shock mount and is housed in a rugged, deluxe carrying case.

### MXL 990

- 20mm Gold-sputtered, 6-micron diaphragm
- FET preamp with balanced output
- Supplied with shock mount and mic stand adapter
- Legendary MXL sonic characteristics
- Comes in rugged carrying case

The MXL 990 has changed the way project studio recordings are being created. Until now, condenser microphone prices have been out of the reach of most working musicians. Production breakthroughs have brought the MXL 990 into the price range of the home recording enthusiast. The 990 is a true, phantom powered, condenser microphone with a 6 micron, 20mm gold-sputtered diaphragm. The MXL 990 has a high quality FET preamp and its output is balanced.

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**FREQUENCY RESPONSE**

**POLAR PATTERN**

**SPECs**

<table>
<thead>
<tr>
<th>Type:</th>
<th>Condenser pressure gradient mic with a 25mm, 6-micron diaphragm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range:</td>
<td>30Hz – 18kHz</td>
</tr>
<tr>
<td>Polar Pattern:</td>
<td>Cardioid</td>
</tr>
<tr>
<td>Sensitivity:</td>
<td>15mV/Pa</td>
</tr>
<tr>
<td>Impedance:</td>
<td>150Ω</td>
</tr>
<tr>
<td>S/N Ratio:</td>
<td>80dB (Ref. 1Pa A-weighted)</td>
</tr>
<tr>
<td>Equivalent Noise Level:</td>
<td>12db (A weighted IEC 268-4)</td>
</tr>
<tr>
<td>Max SPL for 0.5% THD:</td>
<td>130dB</td>
</tr>
<tr>
<td>Power Requirements:</td>
<td>Phantom Power 48V ±4V</td>
</tr>
<tr>
<td>Current Consumption:</td>
<td>&lt;3.0mA</td>
</tr>
<tr>
<td>Size:</td>
<td>46mm x 200mm</td>
</tr>
<tr>
<td>Weight:</td>
<td>1 lbs</td>
</tr>
<tr>
<td>Metal Finish:</td>
<td>Silver</td>
</tr>
</tbody>
</table>

**SPECs**

<table>
<thead>
<tr>
<th>Type:</th>
<th>Condenser pressure gradient mic with large 20mm gold diaphragm capsule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range:</td>
<td>30Hz – 20kHz</td>
</tr>
<tr>
<td>Polar Pattern:</td>
<td>Cardioid</td>
</tr>
<tr>
<td>Sensitivity:</td>
<td>15 mV/Pa</td>
</tr>
<tr>
<td>Impedance:</td>
<td>200Ω</td>
</tr>
<tr>
<td>S/N Ratio:</td>
<td>80dB (Ref. 1Pa A-weighted)</td>
</tr>
<tr>
<td>Equivalent Noise Level:</td>
<td>20db (A weighted IEC 268-4)</td>
</tr>
<tr>
<td>Max SPL for 0.5% THD:</td>
<td>130dB</td>
</tr>
<tr>
<td>Max SPL with -10dB cut:</td>
<td>130dB</td>
</tr>
<tr>
<td>Power Requirements:</td>
<td>48V Phantom Power (+- 4V)</td>
</tr>
<tr>
<td>Current Consumption:</td>
<td>&lt;3.0mA</td>
</tr>
<tr>
<td>Size:</td>
<td>60mm x 130mm</td>
</tr>
<tr>
<td>Weight:</td>
<td>1.2 lbs</td>
</tr>
<tr>
<td>Metal Finish:</td>
<td>Champagne</td>
</tr>
</tbody>
</table>
The MXL 991 is a small profile instrument microphone designed for close guitar miking. It has a 6-micron, 20mm Gold-sputtered diaphragm delivering a wide cardioid pattern. It exhibits a silky top end sound perfect for capturing the subtle nuances of acoustic guitar without the harshness associated with many widely utilized dynamic microphones. The 991 works equally well for overhead drum miking and for stereo recording when used in pairs.

The MXL 992 has a large diaphragm Gold capsule combining the best of 1” condenser microphone performance and the latest in transformer-less FET circuitry. The 992 delivers the dynamic range required in the most demanding applications. It has an airy open sound with low self-noise essential for accurate, digital recording. With 10dB switchable attenuation; selectable -10dB low-frequency roll-off; and large brass enclosure; the MXL 992 is one of the most versatile microphones available.
MXL 993

- Low noise, wide dynamic range
- 20mm gold sputtered diaphragm
- Wide cardioid pattern, perfect for overheads
- 10dB pad with a -10dB low frequency switch roll-off
- Deluxe rugged carrying case and mounting clip

The MXL 993 is the latest in quality instrument microphones. Using transformer-less FET circuitry and gold diaphragm capsule design, The 993 delivers the dynamic range required in the most demanding instrument miking applications. It has a silky, open sound with a wide dynamic range essential for accurate, instrument recording. With a 20Hz-20kHz frequency range; 10dB switchable attenuation; selectable -10dB low-frequency roll-off; and large brass enclosure, the MXL 993 is perfect for guitar and overhead drum miking.

POLAR PATTERN

FREQUENCY RESPONSE

MXL 960

- 25mm (1") large capsule condenser
- Complete microphone system with Mogami 7-pin & XLR mic Cable
- Vintage sonic tube characteristics
- Internally wired with Mogami cable
- Universal microphone clip
- Rugged aluminum flight case
- Optional shockmount

The MXL 960 is a professional quality large diaphragm Tube Condenser Microphone. It has an extremely wide dynamic range and is crisp and airy sonically. Also it is one of the quietest tube microphones currently available. The MXL 960 is a perfect complement to all analog and digital recording devices. The 960 comes with a deluxe flight case, versatile microphone mount, dedicated power supply, Mogami 7-pin tube cable, Mogami XLR microphone cable, and a custom windscreen.

POLAR PATTERN

FREQUENCY RESPONSE

SPECS

Type: Condenser pressure gradient mic with large 20mm diaphragm diaphragm
Frequency Range: 30Hz – 20kHz
Polar Pattern: Cardioid
Sensitivity: 10 mV/Pa
Impedance: 200Ω
S/N Ratio: 80dB (Ref. 1Pa A-weighted)
Equivalent Noise Level: 18dB (A weighted IEC 268-4)
Max SPL for 0.5% THD: 134dB
High Pass Filter: 6dB/octave, 150Hz switchable
Power Requirements: 48V Phantom Power (+/- 4V)
Current Consumption: <3.0mA
Size: 24mm x 215mm
Weight: 0.75 lbs
Metal Finish: Champagne

SPECS

Type: Tube Cardioid Condenser Microphone
Frequency Range: 20Hz – 20 kHz
Polar Pattern: Cardioid
Sensitivity: 20 MV/pa
Impedance: 200Ω
S/N Ratio: 78dB (Ref. 1Pa A-weighted)
Equivalent Noise Level: 13db (A-weighted IEC 268-4)
Max SPL for 0.5% THD: 135dB
Tube Type: 12AT7
Power Requirements: 120/240V, 50/60 hz
Current Consumption: <3.0mA
Weight: 58mm x 220 mm
Size: 1.75 lbs
Metal Finish: Champagne

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**SPECS**

Type: Condenser pressure gradient mic with a 25mm, 6-micron diaphragm

Frequency Range: 30Hz – 20kHz

Polar Pattern: Cardioid

Max SPL for 0.5% THD: 122dB

Sensitivity: 38 MV/pa

Output impedance: 200 ohms

Equivalent noise: 18 db (A-weighted IEC 268-4)

Weight: 1.15Lb

Dimensions: 48mm x 195mm

Power Requirement: 120/240V 50/60Hz

Metal finish: Champagne

The MXL 9000 tube Microphone follows in the footsteps of the highly acclaimed MXL V77S. The MXL 9000 is a (1") large diaphragm cardioid condenser microphone that utilizes a 12AT7 tube amplifier circuit. It has a transformer coupled balanced output and has a smooth solid midrange perfect for vocal recording. The microphone comes complete with power supply, tube mic cable and hi-isolation shock mount.

**POLAR PATTERN**

**FREQUENCY RESPONSE**

Marshall Electronics, Inc. Professional Audio Division El Segundo, CA 90245

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