



*Where professional recording begins.*

## LA-220 FET CONDENSER MICROPHONE

The Series Black LA-220 large diaphragm FET condenser microphone by Lauten Audio is a professional and versatile microphone for studio vocal and instrument recording. At its core the LA-220 features a U.S. made ultra-low-noise JFET amplifier, a 1" pressure gradient condenser capsule with cardioid polar pattern, independent 120 Hz low-cut and 12 kHz high-cut filters, and a transformer balanced output. The low-cut filter helps reduce boomy lows or low-end room rumble; the high-cut filter helps to tame bright rooms and sources. These features help you to achieve excellent recordings regardless of your skill level.

This microphone is a professional level piece of audio equipment. To prevent voiding the warranty, only authorized technicians should disassemble any part of this microphone. Use a sturdy microphone stand to prevent dropping your microphone as that can cause severe damage. When the microphone is not in use place it in a clean, dry, safe place. Always cover the microphone with a lint-free material when left on the stand. To clean you may wipe with a slightly dampened cloth, being careful to never get any moisture near the head.



### Quick start guide:

1. **IMPORTANT** – This microphone requires a preamplifier that can supply +48v phantom power.
2. Make sure the interface or mixer channel volume is turned down.
3. Connect the microphone to an audio interface with a standard 3-pin XLR cable.
4. Turn on the +48v phantom power and allow the microphone to warm up for at least 10 minutes before use.
5. Slowly increase volume on mixer or interface to check for sound. **NEVER BLOW AIR INTO THE MICROPHONE GRILL**, use a normal speaking voice to test.
6. If recording vocals, Lauten Audio recommends using a pop filter to reduce plosives and prevent moisture from getting on and damaging the microphones capsule.

**Type:** Large Diaphragm Pressure Gradient Condenser

**Frequency response:** 20Hz to 20 kHz

**Polar Pattern:** Cardioid

**Special features:** Independent filters

120Hz low-cut

12kHz high-cut

**Sensitivity:** 16mV/Pa -40dB (0 dB=1V/Pa 1kHz)

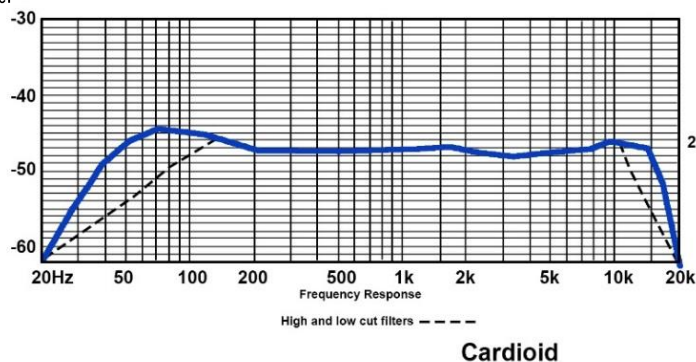
**Output impedance:** <200 ohms

**Equivalent noise level:** <15dB

**Max. SPL:** (@0,5%): 130dB

**Power requirement:** +48v Phantom Power

**Connector:** Standard 3-pin XLR



This microphone comes with a **1 year limited warranty** from date of sale from authorized dealer/distributor. **Items limited to 90-days** coverage include shock mounts, shock mount bands, cases, boxes, cables, microphone bags, and vacuum tubes.