

# LAWSON L251FET

Relive the Magic™



Okay. So the other day I'm browsing Ebay. Just looking. Researching. A vintage Telefunken ELAM 251 E appears. Price tag: \$19,999.00. Now I will admit: It does look vintage, antique, more than a little rough around the edges. The thought occurs to me to "beat up" our Lawson L251FET and Lawson L251. I guarantee our Lawson L251 mics sound as good as, if not better than, this \$20K mic on Ebay. Hmmm. I wonder.

The L251FET is airy, breathy, luscious, mouth-watering . . . all the benefits of a vintage sounding mic without any of the hassle. Best of all--it's price tag won't gag or choke you. So how 'bout we leave the price alone and let you put the microphone through a beatin'?

**The Heart of the L251FET: The Capsule.** The capsule is the heart of a condenser microphone. The integrity of the capsule, more than any other element, determines the microphone's character and quality as a transducer. The L251 one-inch capsule design is based on the ELAM 251 (CK12) capsule originally manufactured by AKG for sale under the Telefunken name in 1959. This same capsule was also used in the AKG C12.

The Lawson L251 capsule is assembled and hand-lapped in Lawson's Nashville TN machine shop. To improve transients and extend high frequency response, Lawson critically tensions and applies 3-micron gold-sputtered diaphragms to each side of the capsule. Inside the microphone head, Lawson uses a proprietary internal shock mounting system that eliminates the need for external shock mounting systems by filtering out vibrations that may

travel through the mic cable and mic stand into the microphone.

**Quick Change™ Capsule.** Lawson mics are muscle mics that give you the power to tackle your most demanding projects. Don't let its small profile fool you! The Lawson L251FET features the L251 Quick Change™ capsule that is easily removable and may be plugged into all other Lawson mics including Lawson's vacuum tube microphones like the L47MPII and L251.

**FET Electronics.** The L251FET electronics are hand-wired using super low noise field effect transistors (FET) and 1% metal film low noise resistors. The solid state circuit features a Lundahl transformer, hand-soldered all-discrete components, and a gold-plated XLR connector.

**Pads and Cuts.** The L251FET mic features a three-position switch. 0/-10/-20 dB of attenuation may be accessed. With the -10 or -20 dB pad engaged, the sound pressure (SPL) increases to 145 dB and 155 dB respectively allowing you to record whispers to explosive levels.

**Applications.** Patterned after the Elam 251, the Lawson L251FET is lauded as a superior vocal microphone renowned and coveted for its sparkling "airy" highs and warm solid lows. Male artists with voices similar to Vince Gill and Jason Mraz and female voices similar to Alicia Keys and Celine Dion sparkle on the L251 Tube Mic or L251FET. In addition to male and female vocals, the L251 excels on all acoustic instruments and captures room ambience magically.

**Handcrafted in the USA.** We don't say you should buy Lawson microphones because it is patriotic. We say you should buy Lawson microphones because our microphones are handcrafted and hand-inspected by local craftspeople with lots of pride, machined and tested with modern CNC equipment, and built to be the best microphone you'll ever buy

**L251FET Features:** Cardioid (full multi-pattern functionality with Lawson multi-pattern electronics i.e. L251 and L47MP MKII) • Quick Change™ Capsule System • Internally shock-mounted capsule • One-inch 3-micron 24 karat gold vacuum deposited diaphragms • Solid State Electronics • -10 dB and -20 dB pad (switched from base of mic) • Low Frequency Rolloff Switch • Machined from solid brass finished in Satin Nickel

**Accessories Included:** Shock-proof carrying case • Swivel mic holder

**Factory Direct Price:** \$1,495.00

### LAWSON L251FET Specifications Summary

<b>Frequency Range</b>	20 to 20,000 Hz
<b>Polar Patterns</b>	Cardioid (full multi-pattern functionality with Lawson multi-pattern electronics i.e., L251 or L47MP MKII)
<b>Sensitivity at 1 kHz**</b>	11mV @ 1 Pascal (94 dB SPL)
<b>Max SPL (1 kHz 3%)</b>	135 dB (155 dB SPL with -20 pad)
<b>Equivalent Noise Level</b>	22 dBA
<b>Rated Impedance</b>	150 ohms
<b>Connector</b>	3-pin gold-plated XLR
<b>Pad</b>	-10 and -20 dB
<b>Low Frequency Contour</b>	6 dB per octave @ 100 Hz
<b>Dimensions</b>	Mic: 6.5"L, 2.375"D
<b>Shipping Weight</b>	5 lbs.
<b>Power Supply</b>	48V Phantom (1 mA nom)



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