

NOSMVAWSON
LAWSON INCORPORATED



L47 GOLD MICROPHONES

Featuring the L47MP and L47C ...

- Vacuum Tube
- U47/M49 Capsule Reproduction
- Large Diaphragm Condenser
- 3-Micron Gold Sputtered Diaphragms

H E A R A N D W O W !

LAWSON, INC. DIRECT TO YOU

H O M E O F T H E L 4 7 G O L D M I C R O P H O N E

Hi. I'm Gene Lawson, and I want to express my best wishes to all our past and future customers.

Many people wonder why we have chosen the direct approach when everyone else is selling through dealers. Here's why, and here's what direct means for you.

First, Lawson microphones cost less. You get astounding prices on high-end equipment for your studio. Prices of our microphones would be inflated by 150 percent if sold through dealers. And what about high-end? How about 3-micron diaphragms, for example. While some folks pay \$1,500 just to have their new or vintage microphones custom retrofitted with 3-micron diaphragms, Lawson microphones come standard with 3-micron diaphragms. That represents real value and real savings!

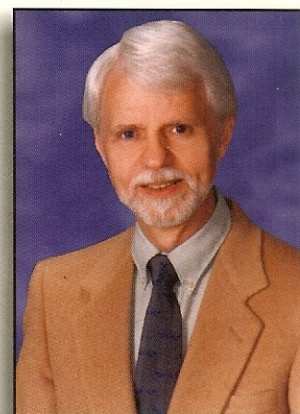
Second, you have a direct relationship with the manufacturer. You will always talk directly to the people who made your microphone, individuals most able to answer your questions and concerns. You receive lifetime technical support.

Each Lawson microphone is a work of art, made with tender loving care by real people who take pride in their work. We believe that we offer a great product at a super price.

But the only way for you to hear and experience the quality that goes into our microphones is to listen to one, hold it in your hand, and put it to the test in your own studio. Hear and wow!

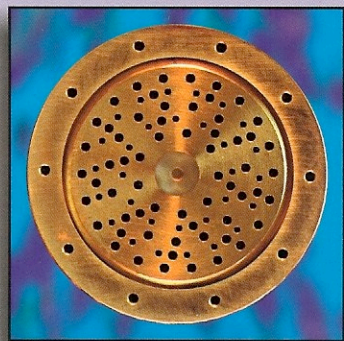
We offer a ten-day, no-questions-asked return privilege and accept all major credit cards.

Take time to study our brochure. If you have access to the World Wide Web, check out our web site at www.lawsonmicrophones.com. If you have any questions, any questions at all, just give us a call. We'll be happy to assist you.



L47 CAPSULE

THE L47 CAPSULE is a reproduction of the M7 capsule used in the legendary U47 and M49 microphones. All Lawson L47 microphones feature this capsule. The capsule is the heart of a condenser microphone. The integrity of

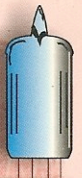


Intricate Hole Pattern in L47 Capsule Backplate

the capsule, more than any other element, determines the microphone's character and quality as a transducer. The L47 one-inch capsule (shown here) was designed by Gene Lawson and is manufactured in the United States. It is precision machined from solid brass, then hand-lapped in the Lawson lab to meet specific tolerances that insure consistent performance from mic to mic. Whereas the M7 capsule employed 7-micron diaphragms, the L47 capsule employs 3-micron diaphragms that are vapor deposited with 24 karat gold. This deviation from the original M7 design extends the L47's high frequency performance, insures faster response to transients, and translates into open, transparent reproduction of vocals, instruments, and sound effects. The capsule is shock mounted within the microphone housing, providing superior isolation from vibration and eliminating the need for external shock mounting systems.

All microphones in the L47 series feature the L47 capsule--a reproduction of the M7 capsule used in the legendary U47 and M49 microphones.

L47 VACUUM TUBE MODELS

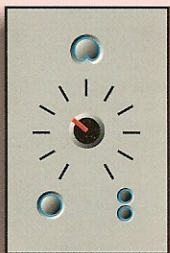
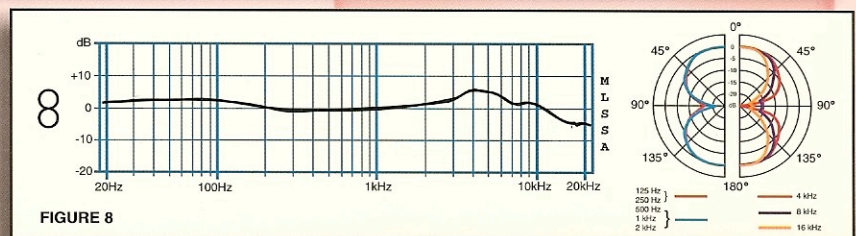
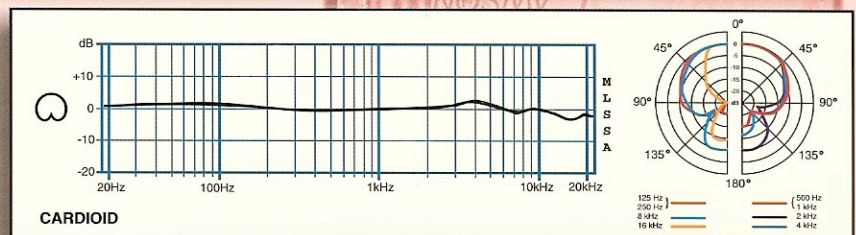
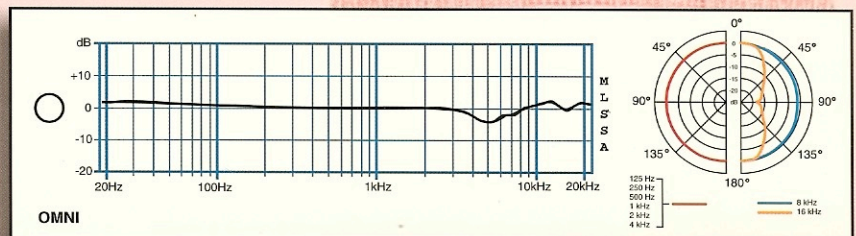


L47MP Multi-Pattern

The L47MP is a vacuum tube, large-diaphragm, multi-pattern, condenser microphone that features the Lawson reproduction of the M7 capsule used in the legendary U47 and M49 microphones.

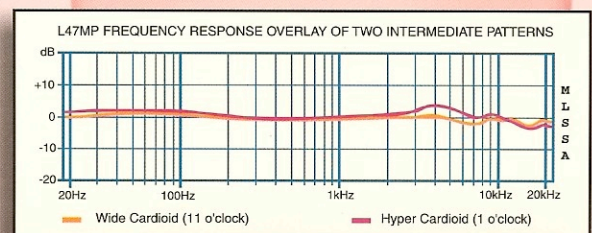
The Vacuum Tube. For a warm, classic sound, the L47MP utilizes the time-honored 6072 vacuum tube. Each tube is stringently tested and individually selected to meet low-noise guidelines. To further insure highest performance and stability, an innovative, low-loss tube socket is utilized employing military grade, heavily gold-plated beryllium copper contacts, resulting in unparalleled grip, low contact resistance, low noise and long life. The 6072 vacuum tube is coupled through an MIT Multicap capacitor and a Jensen transformer.

Infinitely Variable Patterns. The L47MP omni, cardioid, and figure 8 frequency responses are illustrated in the graphs to the right. The surprisingly wide variations exhibited by these three major responses are uniquely characteristic of the M7 capsule. The most prominent variation of 8 dB occurs in the 4 to 5 kHz range between omni and figure 8. A powerful feature of the L47MP is the ability to select from an infinite number of intermediate patterns using the pattern control



L47MP Pattern Control

located on the power supply. You adjust the L47MP pattern control in the same way you adjust a volume control--smoothly and without the limitations of preset switch positions. To illustrate the usefulness of this feature, the graph below shows a response overlay of two intermediate patterns--wide cardioid (11 o'clock on the dial) and hyper cardioid (1 o'clock on the dial). A comparison of these two responses shows a variation of approximately 4 dB occurring in the 4 to 5 kHz region, an area where the human ear just happens to be most sensitive. With the L47MP pattern control, you can adjust anywhere between these or other intermediate patterns, fine tuning the L47MP for a specific vocalist or instrument. It's just like using equalization!



L47C Cardioid

The L47C shares most of the major features of the L47MP with the exception, of course, that the L47C has a fixed cardioid pattern. The L47C has approximately 4 dB higher sensitivity compared to the L47MP. The cardioid frequency response shown above for the L47MP is also representative of the L47C.

SPECIFICATIONS

L47MP

Frequency Range	20 to 20,000 Hz
Polar Patterns	cardioid, omnidirectional, figure 8, and infinite intermediate patterns selectable at the power supply
Sensitivity at 1 kHz	11.4 mV @ 1 Pascal (94 dB SPL)
Maximum SPL (1 kHz 3%)	128 dB
Equivalent Noise Level	22 dB SPL
Rated Impedance	150 ohms
Plate Current	1 mA (nominal)
DC Heater Voltage	6.3 VDC
Heater Current	175 mA
Tube	6072
Connector	6-pin XLR
Dimensions/Weight	Microphone: 9-3/4" Long, 2-3/8" Diameter, 2 lbs. Power Supply: 8" L X 4-1/4" W X 2" H
Shipping Weight	13 lbs.
DC Power Supply	regulated 6.3 VDC and 130 VDC

Features: Cardioid, omni, figure 8 and any polar pattern in between • 6072 vacuum tube (individually tested and selected for low noise) • Internally shock-mounted capsule • One-inch 3-micron 24 karat gold vacuum deposited diaphragms • Jensen™ transformer • -12 dB pad (switched from power supply) • Electronically filtered and fully regulated power supply

Accessories: 30-foot Mogami™ cable with gold-plated Neutrik™ connectors • Shock-proof carrying case • Swivel mount • AC connector

L47C

Frequency Range	20 to 20,000 Hz
Polar Patterns	cardioid
Sensitivity at 1 kHz	17.7 mV @ 1 Pascal (94 dB SPL)
Maximum SPL (1 kHz 3%)	124 dB
Equivalent Noise Level	18 dB SPL
Rated Impedance	150 ohms
Plate Current	1 mA (nominal)
DC Heater Voltage	6.3 VDC
Heater Current	175 mA
Tube	6072
Connector	5-pin XLR
Dimensions/Weight	Microphone: 9-3/4" Long, 2-3/8" Diameter, 2 lbs. Power Supply: 8" L X 4-1/4" W X 2" H
Shipping Weight	13 lbs.
DC Power Supply	regulated 6.3 VDC and 130 VDC

Features: Cardioid polar pattern • 6072 vacuum tube (individually tested and selected for low noise) • Internally shock-mounted capsule • One-inch 3-micron 24 karat gold sputtered diaphragm • Jensen™ transformer • -12 dB pad (switched from power supply) • Electronically filtered and fully regulated power supply

Accessories: 30-foot Mogami™ cable with gold-plated Neutrik™ connectors • Shock-proof carrying case • Swivel mount • AC connector



The L47MP and L47C microphones come complete with power supply, 30' Mogami™ cable with gold plated Neutrik™ connectors, AC connector, and shock-proof carrying case.

The L47 body is precision machined from solid brass. It is hand polished, bead blasted, then fully plated with 24 karat gold for a rich, impressive, and long-lived finish.

Lawson microphones are hand-crafted in the United States of America by real people with pride.

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NOSMA

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