



Press Release

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ROYER LABS ANNOUNCES SF-24V VACUUM TUBE STEREO RIBBON MICROPHONE

Burbank, CA - WNAMM booth #6975, Hall A... Royer Labs, a leading manufacturer of high quality ribbon microphones, is pleased to announce the SF-24V Vacuum Tube Stereo Ribbon Microphone. Designed as a premium instrument for stereo and distance miking applications, the new SF-24V employs a dual vacuum tube design, and is the world's first commercially produced vacuum tube stereo ribbon microphone. Like its sibling, the SF-24 Stereo Active Ribbon™ Microphone—but with greater headroom and faster response—the new SF-24V's panoramic stereo pickup is particularly well suited to miking large ensembles such as an orchestra or the various sections within. It is also ideal as a single-point stereo overhead drum and percussion mic, and provides lush recordings of virtually all acoustic instruments.

The new SF-24 delivers high quality audio performance with outstanding stereo separation and imaging. The SF-24V is a single point stereo ribbon microphone, with the two coincident ribbon elements fixed at 45 degrees left and right of center for Blumlein X-Y and M-S recording, providing a familiarity of sonic performance associated with the original SF-24 microphone. The microphone's ribbon elements are unaffected by varying mic preamplifier loads, heat or humidity, and are compatible with virtually all mic preamps. The SF-24V has extremely low residual noise, an absence of high frequency phase distortion, and exhibits equal sensitivity from either the front or back of the ribbon elements.

The new SF-24V's active electronics utilize NOS (new old stock) U.S. military spec 5840W vacuum tubes configured as cathode followers. The microphone's high-voltage cathode follower circuit offers incredible headroom and dynamic range that is ideally suited for capturing a wide range of sound sources. Further, the microphone's oversized, bi-filar wound toroid ribbon-matching transformers assure fast transient response.

The SF-24V's tubes are conservatively rated to last 20 years or more. The tube heaters incorporate independent D.C. power supplies with a slow ramp-up feature. Jensen® output transformers provide an electrically isolated, fully-balanced output signal. The end result is a microphone that can drive virtually any preamplifier and long cable runs (from power supply to preamp) with ease. The SF-24V receives an extensive burning in procedure to assure proper settling of the vacuum tubes.

Each of the SF-24V's two ribbon transducers are housed in ingot iron cases that form part of the magnetic return circuit. The magnet/polepiece structure of the transducers allows a wide, uniform frequency range with no substantial peaks or dips, and the two 1.8-micron pure aluminum ribbons produce superb transient response. Frequency response is excellent regardless of the angle of sound striking the ribbons, with negligible off-axis coloration.

The SF-24V's 7-conductor cable plugs directly into the power supply, which has two 3-pin male XLR output connectors labeled "Output 1" and "Output 2" for the microphone's upper and lower capsules. The SF-24V's compact dual channel power supply operates on 100, 120, 240-250 volts AC, 50-60 HZ. The SF-24V ships with a shock mount, a mic sock, and an elegant handcrafted presentation case carved from a solid block of Padauk wood. As with all Royer microphones, the SF-24V comes with an unconditional lifetime warranty.

"The new SF-24V represents an entirely new level of ribbon microphone performance," says John Jennings, Royer's VP of Sales and Marketing. "With even greater headroom and faster transient response than the original SF-24, its ability to accurately capture the most subtle performance nuances from a distance is positively breathtaking. The SF-24V is perfectly suited for orchestral and small ensemble recording where capturing the subtleties, nuance, and depth of performances is critical."

The new SF-24V Vacuum Tube Stereo Ribbon Microphone's suggested retail price has not yet been determined. The microphone is expected to be available in Q1 2009.

About Royer Labs

Located in Burbank, California, Royer Labs' microphones are a staple of leading recording and broadcast facilities. Additional information on the entire line of Royer Labs microphones can be found at www.royerlabs.com.

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No image presently.