

## Royer Live Series Microphone Models

Royer Labs pioneered the first modern ribbon microphones capable of handling high SPL's. This was achieved by innovations in transducer design, specifically our patented offset ribbon transducer incorporated in all R-series microphones, and our direct corrugating method of ribbon processing. To address issues encountered in live recording situations, Royer has introduced models specifically designed for extra robustness.

Royer Live Series microphone models are identical to our standard models, with the exception of the ribbon specification. A heavier gauge ribbon material is employed, giving the microphone a greater advantage in severe use applications. These microphones are easily distinguished from their standard counterparts by a dark red logo on the front (address side) of the microphone. Standard Royer microphones are fitted with either a dark-green or black logo, depending on the model of the microphone. All Live Series models employ a dark red logo.

Royer Live Series microphones deliver the same natural response that our standard models do, with subtle differences that help in live performance situations. Live Series models have slightly reduced sensitivity and therefore greater headroom. The higher mass of the ribbon also reduces transient response, the speed with which the ribbon responds to sound waves. This is characterized by a slight reduction in overall high-frequency response, especially in the extreme registers. High-end is often hard for engineers to control in live situations and the Royer Live Series models help tame this, allowing for less equalization at the board.

R-series Live models employ a 4-micron ribbon rather than the studio model's 2.5 micron ribbon. SF-series Live models employ a 2.5-micron ribbon rather than the studio model's 1.8-micron ribbon. All other features are identical with regard to the microphone's electronics.

