Shure KSM9 Microphone

KSM9 Vocal Microphone

Engineered to exacting standards, the KSM9 reveals nuance and subtlety in a microphone optimized for the most demanding live environments. With its dual diaphragm design and switchable polar patterns, the KSM9 is the choice for the world’s most accomplished vocal performances.

Supercardioid and Cardioid, Condenser.

KSM9 microphones capture vocal subtlety with extraordinary detail to deliver clear articulation, functional flexibility and precise vocal reproduction for live performance. KSM9 microphones offer exceptional consistency across all frequencies, providing more gain before feedback, while decreasing proximity effect. With wired and wireless options and a choice of champagne and charcoal grey finishes, KSM9 offers the best combination for every performance. Shure UHF-R¨ Wireless Systems feature KSM9 as the premier choice in handheld vocal microphones. KSM9 microphones are built to Shure’s exacting endurance standards, renowned worldwide and proven night after night, center stage.

Dual gold layered, low-mass Mylar¨ diaphragm design
Switchable polar patterns (supercardioid and cardioid)
Advanced suspension shock mount
Premium electronic components including Class A transformerless preamplifier circuitry
Gold-plated internal and external connectors, including XLR Output Durable aluminum housing
Champagne or charcoal grey finish

Full-range frequency response (50Hz to 20kHz)
Aluminum carrying case

Cartridge Type: Condenser (Electret Biased)
Frequency Response: 50 to 20,000 Hz
Output Impedance: 150 ohms (actual)
Phantom Power: 48 Vdc /- 4 Vdc (IEC-268-15/DIN 45 596), positive pins 2 and 3
Current Drain: 5.2 mA typical at 48 Vdc
Common Mode Rejection: 60 dB, 50 Hz to 20 kHz
Polarity: Positive pressure on front diaphragm produces positive voltage on output pin 2 relative to pin 3
Directional Polar Patterns: Cardioid, Supercardioid
Sensitivity (typical; at 1000 Hz; 1 Pa = 94 dB SPL): -51 dBV/Pa
Self-noise (typical, equivalent SPL; A-weighted, IEC 651): 22 dB
Maximum SPL @ 1000 Hz: 2500 ohm load: 152 dB, 1000 ohm load: 152 dB
Output Clipping Level*: 2500 ohm load: 6.7 dBV, 1000 ohm load: 6.0 dBV
Dynamic Range: 2500 ohm load: 130 dB, 1000 ohm load: 130 dB
Signal to Noise ratio**: 72 dB
Dimensions and Weight: 49 mm (1 15/16 in.) maximum body diameter, 191 mm (7.5 in.) long; 300 grams (10.6 oz).

*100 Hz to 20 kHz;THD < 1%.
**S/N ratio is difference between 94 dB SPL and equivalent SPL of self-noise A-weighted

KSM9 Manual