

# Shure KSM44A/SL Microphone



The KSM44A is a premium, large-diaphragm, side-address condenser microphone with multiple polar pattern options (cardioid, omnidirectional, bidirectional). The refined and sophisticated design of the KSM44A features an externally biased, dual 1-inch diaphragms, extensive internal pop filtering and Prethos® Advanced Preamplifier Technology for a ground-breaking threshold minimum of self-noise. The KSM44A is the premier choice for the highest level of professional studio and stage performance.

A milestone achievement in sound reinforcement, Prethos Advanced Preamplifier Technology employs transparent internal circuitry architectures that enable unprecedented audio quality and performance.

## Features:

Prethos® Advanced Preamplifier Technology: Class A, discrete, transformerless preamplifier provides transparency, extremely fast transient response and no crossover distortion. Minimizes harmonic and intermodulation distortions.

Groundbreaking specifications: 4dB of self-noise and max SPL of 131 dB for a total dynamic range of 127 dB – an increase of 7 dB that defines the new standard for cleanly nuanced audio capture

Multiple polar patterns—cardioid, omnidirectional and bidirectional—for maximum flexibility in a wide variety of recording applications

Dual 1 inch, externally biased, ultra-thin, 2.5 µm, 24 Karat gold-layered, low mass diaphragms provide superior frequency response

Premium electronic components and gold-plated internal and external connectors

Subsonic filter eliminates rumble from mechanical vibration below 17 Hz.

Switchable 15 dB pad for handling extremely high sound pressure levels (SPLs)

3-position switchable low-frequency filter helps reduce unwanted stand vibration noise or counteract proximity effect  
Integrated three-stage “pop” protection grille reduces plosives and other breath noise

Type: Condenser (externally biased)

Frequency Response: 20 to 20,000 Hz

Polar Pattern: Cardioid, Omnidirectional, Bidirectional

Impedance: 50 ohms

Phantom power required: 11–52 V DC phantom power (IEC-61938) 5.8 mA, maximum

Summary: The Shure KSM44A/SL is a premium, dual-diaphragm, condenser microphone designed for professional recording and live sound applications. With its advanced internal shock mounting and ultra-low self-noise, the KSM44A/SL delivers exceptional clarity and detail in even the most demanding recording environments. The microphone features selectable polar patterns, allowing you to capture sound from a wide range of sources, including vocals, drums, guitar, and other instruments. The KSM44A/SL also includes a switchable high-pass filter and pads, allowing you to tailor the microphone’s response to the specific needs of your recording or live sound environment. Whether you’re a musician, engineer, or producer, the Shure KSM44A/SL is an excellent choice for capturing high-quality audio in any setting.

[KSM44A/SL Manual](#)

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