

# SM4 HOME RECORDING MICROPHONE

## OVERVIEW

Bring the studio home with the new SM4 Home Recording Microphone. Capture professional recordings of vocals and instruments with mix-ready audio and interference protection. The 1" brass dual-diaphragm capsule is engineered to consistently reproduce every element of your performance with remarkable accuracy and exceptional low-frequency control. Patent-Pending Interference Shielding Technology blocks unwanted RF noises from wireless devices, and the low-profile design with all-metal construction delivers the perfect upgrade for your home studio.

## FEATURES

- Smooth and Natural Audio Reproduction:** Equipped with a brass 1-inch dual-diaphragm capsule, the SM4 captures clean, controlled low-end and smooth, detailed highs. The uniform cardioid polar pattern provides superior off-axis rejection of unwanted noise, and the large "sweet spot" reduces proximity effect.
- Patent-Pending Interference Shielding Technology:** Block unwanted RF noise from common wireless devices including cell phones, laptops, and wi-fi routers. The proprietary system features an integrated pop-filter and woven mesh faraday cage that shields the microphone capsule for clean audio capture.
- Mix-Ready Sound, Effortlessly:** Internal pop filter enables clean, plosive and rumble-free recordings for easier post-production work. Compress or EQ to taste without bringing forward unwanted elements that can plague recordings and mixes. Additionally, the SM4 works with any interface to achieve professional-quality recordings, no matter the environment.
- Exceptional Flexibility for Vocal and Instrument Recording:** Optimized to capture a wide range of sound sources from soft vocals to loud instruments including drums, guitar amps, and horns with exceptionally high-SPL handling (max SPL of 140dB).
- Legendary Durability & Camera-Ready Design:** Rugged, all-metal construction and exceptionally high-SPL handling from a brand with decades of experience in producing reliable gear for the stage and studio. A sleek, low-profile design won't obscure the performer or environment.
- Shock Mount + Detachable, Magnetic Pop Filter:** Included with the SM4 Home Recording Kit and available separately, the shock mount and detachable pop filter dampen undesired noises including rumbles, vibrations and plosive "pop" sounds. When combined with the internal pop filter of the microphone, the detachable pop filter creates a two-stage filtering system that dramatically increases the resistance of plosives.

## SPECIFICATIONS

All information and specifications are subject to change.

Type	True Condenser
Polar Pattern	Cardioid
Frequency Response	20 Hz to 20 kHz
Output Impedance	150 $\Omega$
Sensitivity (at 1 kHz, open circuit voltage)	-38 dBV/Pa 1 Pascal=94 dB SPL
Maximum SPL (1 kHz at 1% THD)	10000 load: 140 dB SPL 25000 load: 145 dB SPL
Polarity	Positive pressure on diaphragm produces positive voltage on Pin 2 with respect to Pin 3
Connector	Three-pin professional audio (XLR), male
Net Weight	463 g (1.02 lbs)
Housing	Cast Zinc
Power Requirements [1] 1 Pa=94 dB SPL	48 V DC Phantom Power (5.3 mA)

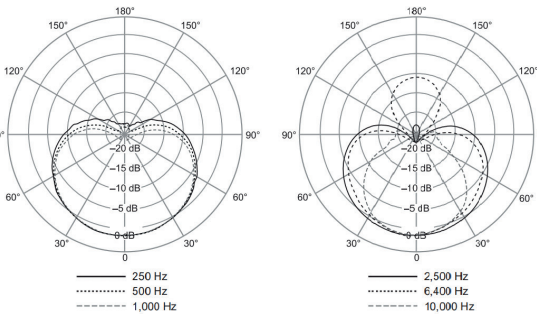
## AVAILABLE MODELS

SM4-K	Includes SM4 Microphone, swivel-mount mic clamp, and zippered carrying bag
SM4-K-KIT	Includes SM4 Microphone, shock mount, detachable magnetic pop filter and zippered carrying case

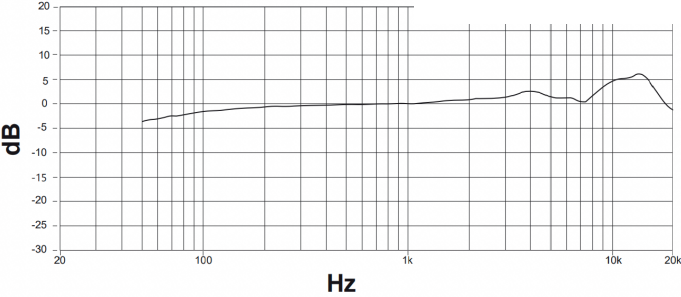
## OPTIONAL ACCESSORIES AND REPLACEMENT PARTS

A4M	Swivel-Mount Microphone Clamp
A4SM	Shockmount
A4PF	Detachable, Magnetic Pop Filter
A4CC	Zippered Carrying Case

## POLAR PATTERN



## FREQUENCY RESPONSE



SM4-K  
Home Recording Microphone



SM4-K-KIT  
Home Recording Microphone Kit