

The SM4000 series phantom powered studio microphones are for precision recording and measurement of sound with NO color added. They can be used to record essentially any instrument for a truly accurate representation of the original sound. Each SM4000 microphone is supplied with its individual calibration data for frequency response and sensitivity. Its modular design allows the preamplifier to be used with any of the high quality BSWA microphone capsules.

SM4001 microphone is top of the line. It is suitable for the most critical recording applications requiring extreme performance and environmental stability. Its nickel alloy construction ensures durability and outstanding performance. The electronic circuitry coupled with a transformerless output stage provides a flat frequency response across the entire audio bandwidth while at the same time achieving an extremely low noise floor. With a dynamic range of 125 dB handling up to 146 dB SPL, it is a handcrafted work of art.

SM4005 microphone is a top performer that uses the same preamplifier as the SM4001. It has the same flat frequency response out to 16 kHz stemming from its nickel alloy diaphragm. It is a great choice for accurate acoustic recording requiring a large dynamic range.



SM4006 microphone offers an economical choice with incredible performance. Its polymer diaphragm and copper housing yields a flat frequency response out to 16 kHz with excellent dynamic range and low noise floor. It is a proven performer for the price.

SPECIFICATIONS

STUDIO MICROPHONES SM 4000 SERIES			
Models	SM 4001	SM 4005	SM 4006
Microphone Capsule	MP201	MP205	MP206
Linear Frequency Range	20~ 20,000 Hz	20 ~ 20,000 Hz	20 ~ 16,000 Hz
Sensitivity	35 mV/Pa	28 mV/Pa	22 mV/Pa
Max. SPL for 3% THD	146 dB	140 dB	130 dB
Equivalent Noise Level	18 dBA	25 dBA	24 dBA
Output Impedance	200 ohms		
Max. Output Voltage	4.5 Vrms (load > 2000 Ω); 1.0 Vrms (load =1000 Ω)		
Connector	XLR		
Phantom Power	25V ~ 48 V (current 3mA)		
Weight	160 g		
Polar Pattern	Omni Directional		
MODULAR PARTS			
SMA 4000P	Phantom Powered Preamplifier for SM 4000 Series Microphones		
SM 4000 K	Microphone Kit: SMA 4000P, MP 201, MP 205 and MP 206		