BSWA 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 chart with frequency response and sensitivity data. Its modular design allows the preamplifier to be used with any of the high quality BSWA microphone capsules.



SM4201 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.

SM4215 microphone is a top performer that uses the same preamplifier as the SM4201. It has the same flat frequency response out to 12.5 kHz stemming from its nickel alloy diaphragm. It is a great choice for accurate acoustic recording requiring a large dynamic range.

SM4216 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.

SM4418 microphone is 1/4" recording microphone. It has a flat frequency response out to 16 kHz with excellent dynamic range and low noise floor. Its impulse response and polymer diaphragm settling time is exceptional. Its sound is uncolored and it has no handling noise.

SPECIFICATIONS

Studio Microhones				
Model	SM4201	SM4215	SM4216	SM4418
Microphone Capsule	MP201	MP215	MP216	MP418
Linear Frequency Range	20 Hz ~ 20 kHz	20 Hz ~ 12.5 kHz	20 Hz ~ 16 kHz	20 Hz ~ 16 kHz
Sensitivity	40 mV/Pa	30 mV/Pa	25 mV/Pa	8 mV/Pa
Max. SPL for 3% THD	130 dB	130 dB	135 dB	135 dB
Equivalent Noise Level	18 dB (A)	25 dB (A)	21 dB (A)	32 dB (A)
Output Impedance	200 Ω			
Max. Output Voltage	4.5 Vrms (load > 2000 Ω); 1.0 Vrms (load =1000 Ω)			
Connector	XLR			
Phantom Power	25 V ~ 48 V (current 3 mA)			
Weight	160 g			
Polar Pattern	Omni Directional			
Modular parts				
SMA4000P	Phantom Powered Preamplifier for SM4000 Series Microphones			
SM4000 K	Microphone Kit includes SMA 4000P, MP201, MP215, and MP216			