



Common Name

Range	SM series
Retail Price Band	Under \$500
Requires	

Electrical Characteristics

Frequency Response 20Hz - 20kHz

Output Sensitivity	5.6mV/Pa
Max SPL	136dB for 1%THD
Self Noise (CCIR)	19dB
Self Noise (DIN/IEC)	16dB-A
Output Impedance	85Ω
Recommended Load	0.15kΩ
Powering	Phantom 12-48
Supply Current	1.2mA
Alternative Powering	

Switchable Options

Pad	10dB
Filter/EQ	-6dB @100Hz, -18dB @ 80Hz

Physical Characteristics

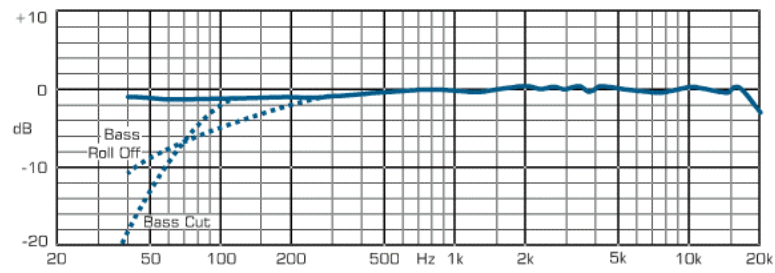
Connector	XLR-3M
Connector Notes	
Available Colours	
Weight	230g (8.09oz)
Length	212mm (8.34")
Min Diameter/Width	20.1mm (0.79")
Max Diameter/Width	23.5mm (0.92")
Depth	

The SM81 is a high-quality, unidirectional condenser microphone designed for studio recording, broadcasting, and sound reinforcement. Its wide frequency response, low noise characteristics and low RF susceptibility have made it a standard for applications involving acoustic instruments, especially guitar, piano and cymbals.

Accessories

Included	Windscreen
Optional	
Rycote shockmounts & windshields available for this microphone	

Frequency curve: Cardioid



Polar curve: Cardioid

