



Side-Address Microphone Comparison

Large diaphragm, side-address condenser microphones have long been known for their exceptional sound quality and frequency response. Shure has continued to expand the portfolio to provide large diaphragm, side-address condenser microphones for the stage as well as the studio. Each microphone is manufactured at exacting quality standards to provide consistent sound and legendary Shure durability.



Features		PG27	PG42	SM27	Beta 27
Overview	Product Line Description	Accessible Shure microphones for elevating sound quality at gigs, rehearsal and in-home recording.		Industry-standard professional microphones for daily touring, club and studio performances.	Application-specific microphones engineered for reproduction of fine details in demanding acoustic environments.
	Recommended Uses	Multi-Purpose	Vocal, Speech, Voice-Over	Multi-Purpose	Instrument, Studio Vocals
	Sound Description	Natural response. Big and round.	Voice-tailored frequency response. Controlled and tight low-end and accentuated hi-mids.	Tailored, natural response. Bright and open.	Flat and neutral.
	Color	Black Matte	Gray	Charcoal Gray	Blue Metallic
Specifications	Pattern	Cardioid	Cardioid	Cardioid	Supercardioid
	Frequency Response	20 to 20,000 Hz	20 to 20,000 Hz	20 to 20,000 Hz	20 to 20,000 Hz
	Diaphragm Material / Size	Unique diaphragm to competition. 6 microns, 1.1" diameter	Unique diaphragm to competition. 6 microns, 1.1" diameter	1" diameter ultra-thin 24 karat gold-layered Mylar® diaphragm, 2.5 microns thin	1" diameter ultra-thin 24 karat gold-layered Mylar® diaphragm, 2.5 microns thin
	Externally Biased	Yes	Yes	Yes	Yes
	Dynamic Range	112 dB	112 dB	128.5 dB	131 dB
	Max SPL (2500 Ω load)	134 dB (pad off) 154 dB (pad on)	130 dB (pad off) 145 dB (pad on)	138 dB (pad off) 153 dB (pad on)	140 dB (pad off) 154 dB (pad on)
	Pad Switch	20 dB	15 dB	15 dB	15 dB
	Low Frequency Filter	-	Cut	Flat, Cut, Roll-off	Flat, Cut, Roll-off
	Sensitivity	-41 dBV/Pa	-35 dBV/Pa	-37 dBV/Pa	-37 dBV/PA
	Self-Noise	22 dB SPL, A-weighted	18 dB, SPL, A-weighted	9.5 dB SPL, A-weighted	8.5 dB SPL, A-weighted
	Signal-To-Noise Ratio	72 dB	76 dB	84.5 dB	84.5 dB
	Frequency Response Diagram				
Selling Story	Top Features	<ul style="list-style-type: none"> Pro-quality multi-purpose mic at a great value Unique 1.1" diameter, 6 microns diaphragm for better sound response Available USB model for Plug and Play Connectivity 	<ul style="list-style-type: none"> Pro-quality vocal mic at a great value Tailored response specifically tuned for vocals High pass filter for increased functionality Unique 1.1" diameter, 6 microns diaphragm for better sound response Available USB model for Plug and Play Connectivity 	<ul style="list-style-type: none"> Multi-purpose workhorse 3 position switch for increased functionality Equally suited for stage or studio Low self-noise Integral 3-stage pop filter Detailed 	<ul style="list-style-type: none"> Only supercardioid large diaphragm side-address mic optimized for stage Neutral, flat frequency response Extremely low self-noise Better rejection and gain-before-feedback Integral 3-stage pop filter
	Street Price	\$149 (XLR) \$199 (USB)	\$199 (XLR) \$249 (USB)	\$299	\$ 399
	Included Accessories	Stand Adapter and Zippered Pouch	Shock Mount and Carrying Case	Shock Mount and Velveteen Pouch	Stand Adapter and Padded, Zippered Carrying Bag