

SHURE[®]

LEGENDARY
PERFORMANCE™



BETA[®] Microphones

**EXPERT SOUND,
IN EVERY DETAIL.**





PRECISION-ENGINEERED PERFORMANCE FOR DEMANDING ENVIRONMENTS.

For over two decades, Beta Microphones have been the choice of top touring and recording professionals for capturing fine details in demanding acoustic environments. Each specialized model is precision-engineered for focused, accurate reproduction of the intended source. Recognized for their superior construction, low handling noise and high gain-before-feedback, Beta Microphones redefine sensitivity and control for essential, expert sound reinforcement.



VOCAL

BETA®58A

SUPERCARDIOID | DYNAMIC

Vocal Microphone

Optimized for lead vocal applications, the Beta 58A features a tight supercardioid pattern that provides maximum sound isolation and minimum off-axis tone coloration.



50Hz – 16kHz



BETA®87A

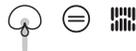
SUPERCARDIOID | CONDENSER

Vocal Microphone

Built to withstand extreme sound pressure levels, the Beta 87A has a smooth, tailored response for warm, accurate sound and a supercardioid pattern that provides maximum sound isolation.



50Hz – 20kHz



BETA®87C

CARDIOID | CONDENSER

Vocal Microphone

With its excellent rear rejection, the cardioid polar pattern of the Beta 87C helps to compensate for the noise bleed often associated with the use of personal monitors.



50Hz – 20kHz



BETA®53

OMNIDIRECTIONAL | CONDENSER

Headworn Vocal Microphone

Delivers detailed, uncolored vocal reproduction in a nearly invisible, lightweight and fully adjustable design.



20Hz – 20kHz



BETA®54

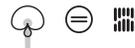
SUPERCARDIOID | CONDENSER

Headworn Vocal Microphone

Ideal for broadcast, theater and other applications requiring uncompromised sound quality and minimal visibility.



50Hz – 20kHz



Key:

Operating Principle

Dynamic Condenser

Polar Pattern

Half-cardioid

Cardioid

Supercardioid

Omnidirectional

Bi-directional

Frequency Response

Flat Tailored

INSTRUMENT & DRUM

BETA[®]27

SUPERCARDIOID | CONDENSER

Large-Diaphragm Side-Address Microphone

Low self-noise and a supercardioid pattern that delivers high gain-before-feedback makes the Beta 27 ideal for critical live and studio applications.



20Hz – 20kHz



BETA[®]52A

SUPERCARDIOID | DYNAMIC

Kick Drum Microphone

Featuring an integrated locking stand adapter, the extremely rugged Beta 52A provides superb attack and “punch” that makes it ideal for kick drums and other low-frequency applications.



20Hz – 10kHz



BETA[®]56A

SUPERCARDIOID | DYNAMIC

Snare+Tom Drum Microphone

Specifically tailored for close miking of snares and toms, the Beta 56A features an integrated locking stand adapter and supercardioid pattern that ensures maximum sound isolation.



50Hz – 16kHz



BETA[®]91A

HALF-CARDIOID | CONDENSER

Boundary Microphone

Optimized for kick drums and other low frequency applications, the Beta 91A uses a low-profile boundary microphone with an integrated XLR preamplifier tailored for a strong low-frequency response.

20Hz – 20kHz



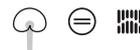
BETA[®]98A/C

CARDIOID | CONDENSER

Instrument Microphone

Precision-engineered with a high output miniature cardioid condenser microphone, the Beta 98A/C features a compact design for a variety of placements with acoustic or amplified instruments.

20Hz – 20kHz



BETA[®]57A

SUPERCARDIOID | DYNAMIC

Instrument Microphone

A tight supercardioid polar pattern allows the Beta 57A to provide high gain-before-feedback and maximum sound isolation, with minimum off-axis tone coloration for amplified or acoustic instruments.



50Hz – 16kHz

BETA[®]98AMP

CARDIOID | CONDENSER

Miniature Drum Microphone

Combining an integrated XLR pre-amplifier with a miniature cardioid condenser microphone, the Beta 98AMP offers a flexible gooseneck for accurate placement in any configuration.



20Hz – 20kHz

BETA[®]181

CONDENSER

Side-Address Microphone

Featuring an ultra compact, small diaphragm side-address condenser microphone with multiple polar pattern capsule options, the Beta 181 enables discreet placement and versatility in tight conditions.



20Hz – 20kHz

BETA[®]98AD/C

CARDIOID | CONDENSER

Drum Microphone

Built for toms, snares and percussion instruments, the Beta 98AD/C uses a miniature cardioid condenser microphone with a flexible gooseneck mount for accurate placement in any configuration.



20Hz – 20kHz

BETA[®]98H/C

CARDIOID | CONDENSER

Instrument Microphone

Built for brass, woodwind and percussion instruments, the Beta 98H/C uses a miniature cardioid condenser microphone with a flexible gooseneck mount that clamps directly to the bell or rim for precise positioning.



20Hz – 20kHz

Technical Specifications

Model	Type	Frequency Response	Polar Pattern	Sensitivity (at 1 kHz, Open Circuit Voltage)	Output Impedance	Maximum SPL (1 kHz at 1% THD)	Net Weight
BETA27	Externally Biased Condenser	20 to 20,000 Hz	Supercardioid	-37 dBV/Pa (14.13 mV)	160 Ω (at 1 kHz)	134 dB (148 dB, Pad on) (1% THD, 1,000 Ω load)	Microphone: 428 grams (15.1 oz) With Stand Mount: 537 grams (18.9 oz)
BETA52A	Dynamic	20 to 10,000 Hz	Supercardioid	-64 dBV/Pa (0.6 mV)	150 Ω (at 1 kHz)	NA	605 grams (21.6 oz)
BETA53	Condenser (electret)	20 to 20,000 Hz	Omnidirectional	-55 dBV/Pa (1.78 mV)	136 Ω (at 1 kHz)	147 dB; (1% THD, 1,000 Ω load)	35.35 grams (1.25 oz)
BETA54	Condenser (electret)	50 to 20,000 Hz	Supercardioid	-52 dBV/Pa (2.51 mV)	136 Ω (at 1 kHz)	149 dB; (1% THD, 1,000 Ω load)	35.35 grams (1.25 oz)
BETA56A	Dynamic	50 to 16,000 Hz	Supercardioid	-51 dBV/Pa (2.8 mV)	290 Ω (at 1 kHz)	NA	468 grams (16.7 oz)
BETA57A	Dynamic	50 to 16,000 Hz	Supercardioid	-51 dBV/Pa (2.8 mV)	290 Ω (at 1 kHz)	NA	275 grams (9.6 oz)
BETA58A	Dynamic	50 to 16,000 Hz	Supercardioid	-51.5 dBV/Pa (2.7 mV)	290 Ω (at 1 kHz)	NA	278 grams (9.92 oz)
BETA87A	Condenser (electret)	50 to 20,000 Hz	Supercardioid	-52.5 dBV/Pa (2 mV)	100 Ω (at 1 kHz)	140.5 dB; (0.25% THD, 1,000 Ω load)	207 grams (7.6 oz)
BETA87C	Condenser (electret)	50 to 20,000 Hz	Cardioid	-51 dBV/Pa (2.7 mV)	100 Ω (at 1 kHz)	139 dB; (0.25% THD, 1,000 Ω load)	207 grams (7.6 oz)
BETA91A	Condenser (electret)	20 to 20,000 Hz	Half-cardioid	-48.5 dBV/Pa (3.8 mV)	146 Ω (at 1 kHz)	151 dB with 1,000 Ω load	470 grams (16.6 oz)
BETA98AMP	Condenser (electret)	20 to 20,000 Hz	Cardioid	-50.5 dBV/Pa (2.5 mV)	150 Ω (at 1 kHz)	153 dB with 1,000 Ω load	130 grams (4.6 oz)
BETA98AD/C	Condenser (electret)	20 to 20,000 Hz	Cardioid	-48 dBV/Pa (3.8 mV)	179 Ω (at 1 kHz)	144 dB with 1,000 Ω load	12 grams, less cable (0.4 oz) Preamp: 96 grams (3.4 oz)
BETA98A/C	Condenser (electret)	20 to 20,000 Hz	Cardioid	-48 dBV/Pa (3.8 mV)	179 Ω (at 1 kHz)	144 dB with 1,000 Ω load	12 grams, less cable (0.4 oz) Preamp: 96 grams (3.4 oz)
BETA98H/C	Condenser (electret)	20 to 20,000 Hz	Cardioid	-56 dBV/Pa (1.6 mV)	150 Ω (at 1 kHz)	155 dB with 1,000 Ω load	Microphone with cable and preamp: 156 grams (5.5 oz)
BETA181	Condenser (electret)	20 to 20,000 Hz	Cardioid Supercardioid Omnidirectional Bidirectional	-46.5 dBV/Pa (2.4 mV) -49.5 dBV/Pa (2.5 mV) -52.0 dBV/Pa (2.6 mV) -51.0 dBV/Pa (2.6 mV)	110 Ω (at 1 kHz)	149.0 dB (1,000 Ω load) 152.0 dB (1,000 Ω load) 154.0 dB (1,000 Ω load) 153.50 dB (1,000 Ω load)	145 grams (5.1 oz)

All Specifications Subject to Change

SHURE[®]
LEGENDARY
PERFORMANCE™

**United States, Canada,
Latin America, Caribbean:**
Shure Incorporated
5800 West Touhy Avenue
Niles, IL 60714-4608 USA

Phone: +1 847-600-2000
Fax: +1 847-600-1212 (USA)
Fax: +1 847-600-6446
Email: info@shure.com
www.shure.com

Europe, Middle East, Africa:
Shure Europe GmbH
Jakob-Dieffenbacher-Str. 12,
75031 Eppingen, Germany

Phone: +49-7262-92490
Fax: +49-7262-9249114
Email: info@shure.de
www.shure.eu

Asia, Pacific:
Shure Asia Limited
22/F, 625 King's Road
North Point, Island East
Hong Kong

Phone: +852-2893-4290
Fax: +852-2893-4055
Email: info@shure.com.hk
www.shureasia.com