

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

BETA58A®

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



BETA87A

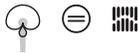
SUPERCARDIOID | CONDENSER

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



BETA87C

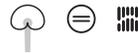
CARDIOID | CONDENSER

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



BETA53

OMNIDIRECTIONAL | CONDENSER

Headworn Vocal Microphone

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



20Hz – 20kHz



BETA54

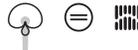
SUPERCARDIOID | CONDENSER

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 52^A

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 56^A

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

NEW 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

NEW 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

BETA57A®

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

BETA98AMP

CARDIOID | CONDENSER

Miniature Drum Microphone

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



20Hz – 20kHz

BETA181

CONDENSER

Side-Address Microphone

NEW 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

BETA98AD/C

CARDIOID | CONDENSER

Drum Microphone

NEW 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

BETA98H/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 <small>Preliminary Specifications, Subject to Change</small> | 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 <small>Preliminary Specifications, Subject to Change</small> | 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 <small>Preliminary Specifications, Subject to Change</small> | 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 <small>Preliminary Specifications, Subject to Change</small> | 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) |

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