

**SHURE**<sup>®</sup>  
LEGENDARY  
PERFORMANCE™

BETA Microphones

# EXPERT SOUND, IN EVERY DETAIL.



The Black Crowes [www.blackcrowes.com](http://www.blackcrowes.com)





## 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

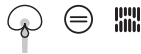
SUPERCARDIOID | CONDENSER

### 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

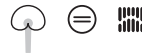
CARDIOID | CONDENSER

### 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




## BETA27

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  
  

## BETA52A

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  
  

## BETA56A

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.



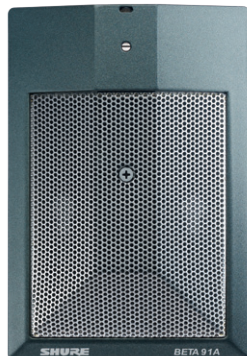
50Hz – 16kHz  
  




## BETA91A

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  
  




## BETA98A/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

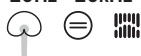
CARDIOID | CONDENSER

## 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

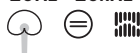
CARDIOID | CONDENSER

## 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

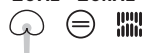
CARDIOID | CONDENSER

## 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
<b>BETA27</b> <i>Preliminary Specifications, Subject to Change</i>	Externally Biased Condenser	20 to 20,000 Hz	Supercardioid	-37 dBV/Pa (14.13 mV)	160 $\Omega$ (at 1 kHz)	134 dB (148 dB, Pad on) (1% THD, 1,000 $\Omega$ load)	Microphone: 428 grams (15.1 oz) With Stand Mount: 537 grams (18.9 oz)
<b>BETA52A</b>	Dynamic	20 to 10,000 Hz	Supercardioid	-64 dBV/Pa (0.6 mV)	150 $\Omega$ (at 1 kHz)	NA	605 grams (21.6 oz)
<b>BETA53</b>	Condenser (electret)	20 to 20,000 Hz	Omnidirectional	-55 dBV/Pa (1.78 mV)	136 $\Omega$ (at 1 kHz)	147 dB; (1% THD, 1,000 $\Omega$ load)	35.35 grams (1.25 oz)
<b>BETA54</b>	Condenser (electret)	50 to 20,000 Hz	Supercardioid	-52 dBV/Pa (2.51 mV)	136 $\Omega$ (at 1 kHz)	149 dB; (1% THD, 1,000 $\Omega$ load)	35.35 grams (1.25 oz)
<b>BETA56A</b>	Dynamic	50 to 16,000 Hz	Supercardioid	-51 dBV/Pa (2.8 mV)	290 $\Omega$ (at 1 kHz)	NA	468 grams (16.7 oz)
<b>BETA57A</b>	Dynamic	50 to 16,000 Hz	Supercardioid	-51 dBV/Pa (2.8 mV)	290 $\Omega$ (at 1 kHz)	NA	275 grams (9.6 oz)
<b>BETA58A</b>	Dynamic	50 to 16,000 Hz	Supercardioid	-51.5 dBV/Pa (2.7 mV)	290 $\Omega$ (at 1 kHz)	NA	278 grams (9.92 oz)
<b>BETA87A</b>	Condenser (electret)	50 to 20,000 Hz	Supercardioid	-52.5 dBV/Pa (2 mV)	100 $\Omega$ (at 1 kHz)	140.5 dB; (0.25% THD, 1,000 $\Omega$ load)	207 grams (7.6 oz)
<b>BETA87C</b>	Condenser (electret)	50 to 20,000 Hz	Cardioid	-51 dBV/Pa (2.7 mV)	100 $\Omega$ (at 1 kHz)	139 dB; (0.25% THD, 1,000 $\Omega$ load)	207 grams (7.6 oz)
<b>BETA91A</b>	Condenser (electret)	20 to 20,000 Hz	Half-cardioid	-48.5 dBV/Pa (3.8 mV)	146 $\Omega$ (at 1 kHz)	151 dB with 1,000 $\Omega$ load	470 grams (16.6 oz)
<b>BETA98AMP</b> <i>Preliminary Specifications, Subject to Change</i>	Condenser (electret)	20 to 20,000 Hz	Cardioid	-50.5 dBV/Pa (2.5 mV)	150 $\Omega$ (at 1 kHz)	153 dB with 1,000 $\Omega$ load	130 grams (4.6 oz)
<b>BETA98AD/C</b>	Condenser (electret)	20 to 20,000 Hz	Cardioid	-48 dBV/Pa (3.8 mV)	179 $\Omega$ (at 1 kHz)	144 dB with 1,000 $\Omega$ load	12 grams, less cable (0.4 oz) Preamplifier: 96 grams (3.4 oz)
<b>BETA98A/C</b> <i>Preliminary Specifications, Subject to Change</i>	Condenser (electret)	20 to 20,000 Hz	Cardioid	-48 dBV/Pa (3.8 mV)	179 $\Omega$ (at 1 kHz)	144 dB with 1,000 $\Omega$ load	12 grams, less cable (0.4 oz) Preamplifier: 96 grams (3.4 oz)
<b>BETA98H/C</b>	Condenser (electret)	20 to 20,000 Hz	Cardioid	-56 dBV/Pa (1.6 mV)	150 $\Omega$ (at 1 kHz)	155 dB with 1,000 $\Omega$ load	Microphone with cable and preamplifier: 156 grams (5.5 oz)
<b>BETA181</b> <i>Preliminary Specifications, Subject to Change</i>	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 $\Omega$ (at 1 kHz)	149.0 dB (1,000 $\Omega$ load) 152.0 dB (1,000 $\Omega$ load) 154.0 dB (1,000 $\Omega$ load) 153.50 dB (1,000 $\Omega$ load)	145 grams (5.1 oz)

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