

PRECISION CRAFTED INSTRUMENTS



BETA Microphones

ENGINEERED FOR DEMANDING ENVIRONMENTS.

For over 20 years, Beta Microphones have been the choice of top touring and recording professionals for reproduction of fine details in demanding acoustic environments. Each specialized model is precision-engineered with high output capsules for focused, accurate reproduction of the intended sound source. With superior construction, low handling noise and high gain before feedback, Beta Microphones redefine sensitivity and control for essential, expert sound reinforcement and recording.



Vocal



BETA 58A® Vocal Microphone

Supercardioid dynamic microphone optimized for lead vocal and backup vocal applications.

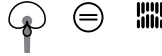


50Hz - 16kHz



BETA 87A Vocal Microphone

Supercardioid condenser microphone for lead and backup vocal applications.

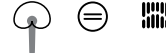


50Hz - 20kHz



BETA 87C Vocal Microphone

Cardioid condenser microphone for lead and backup vocal applications.



50Hz - 20kHz

Instrument



BETA 57A® Instrument Microphone

Supercardioid dynamic microphone for detailed reproduction of amplified or acoustic instruments.

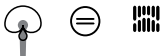


50Hz - 16kHz



BETA 98 S Instrument Microphone

Miniature supercardioid condenser microphone for instrument sound reinforcement and recording applications.

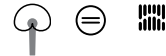


20Hz - 20kHz



BETA 98H/C Instrument Microphone

Miniature cardioid condenser microphone with integrated gooseneck for horn applications.



20Hz - 20kHz

Drum



BETA 52A® Kick Drum Microphone

Supercardioid dynamic microphone for kick drum and low frequency applications.



20Hz - 10kHz



BETA 56A® Snare | Tom Microphone

Supercardioid dynamic microphone for tom and snare drum applications.

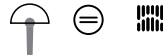


50Hz - 16kHz



BETA 91 Kick Drum Microphone

Half-cardioid condenser boundary microphone optimized for kick drum applications.

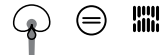


20Hz - 20kHz



BETA 98D/S Snare | Tom Miniature Microphone

Miniature cardioid condenser microphone with drum mount for percussion applications.



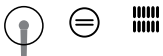
20Hz - 20kHz

Headworn



BETA 53 Headworn Vocal Microphone

Headworn omnidirectional condenser microphone for critical low profile applications.

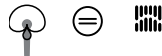


20Hz - 20kHz



BETA 54 Headworn Vocal Microphone

Headworn supercardioid condenser microphone for critical low profile applications.



50Hz - 20kHz

Technical Specifications

Note: All specifications are subject to change.

	BETA 58A®	BETA 87A	BETA 87C
Type:	Dynamic	Condenser (electret)	Condenser (electret)
Frequency Response:	50 to 16,000 Hz	50 to 20,000 Hz	50 to 20,000 Hz
Polar Pattern:	Supercardioid	Supercardioid	Cardioid
Sensitivity (at 1 kHz):	Open Circuit Voltage: -51.5 dBV/Pa (2.7 mV)	Open Circuit Voltage: -52.5 dBV/Pa (2 mV)	Open Circuit Voltage: -51.5 dBV/Pa (2.7 mV)
Output Impedance:	Rated at 150 Ω	Rated at 150 Ω	Rated at 150 Ω
Maximum SPL (at 1 kHz):	NA	140.5 dB (0.25% THD, 1000 Ω load)	139 dB (0.25% THD, 1000 Ω load)
Net Weight:	278 grams (9.92 oz)	207 grams (7.6 oz)	207 grams (7.6 oz)

	BETA 57A®	BETA 98 S	BETA 98H/C
Type:	Dynamic	Condenser (electret bias)	Condenser (electret)
Frequency Response:	50 to 16,000 Hz	20 to 20,000 Hz	20 to 20,000 Hz
Polar Pattern:	Supercardioid	Supercardioid	Cardioid
Sensitivity (at 1 kHz):	Open Circuit Voltage: -51 dBV/Pa (2.7 mV)	Open Circuit Voltage: -59 dBV/Pa (1 mV)	Open Circuit Voltage: -56 dBV/Pa (1.9 mV)
Output Impedance:	Rated at 150 Ω	Rated at 150 Ω	Rated at 150 Ω
Maximum SPL (20 Hz to 20 kHz, less than 1% THD):	NA	160 dB with 2.5 kΩ load; 156 dB with 1 kΩ load	163 dB with 2.5 kΩ load; 155 dB with 1 kΩ load
Net Weight:	275 grams (9.6 oz)	Microphone: 12 grams less cable (0.4 oz) Preamp: 96 grams (3.4 oz)	Microphone with cable and preamp: 156 grams (5.5 oz)

	BETA 52®A	BETA 56®A	BETA 91
Type:	Dynamic	Dynamic	Condenser (electret)
Frequency Response:	20 to 10,000 Hz	50 to 16,000 Hz	20 to 20,000 Hz
Polar Pattern:	Supercardioid	Supercardioid	Half-cardioid
Sensitivity (at 1 kHz):	Open Circuit Voltage: -64 dBV/Pa (0.6 mV)	Open Circuit Voltage: -51.5 dBV/Pa (2.8 mV)	Open Circuit Voltage: -59 dBV/Pa (1 mV)
Output Impedance:	Rated at 150 Ω	Rated at 150 Ω	Rated at 150 Ω
Maximum SPL (20 Hz to 20 kHz, less than 1% THD):	NA	NA	160 dB with 2.5 kΩ load; 156 dB with 1 kΩ load
Net Weight:	605 grams (21.6 oz)	468 grams (16.7 oz)	Microphone: 382 grams less cable (13.5 oz) Preamp: 96 grams (3.4 oz)

	BETA 98D/S	BETA 53	BETA 54
Type:	Condenser (electret)	Condenser (electret)	Condenser (electret)
Frequency Response:	20 to 20,000 Hz	20 to 20,000 Hz	50 to 20,000 Hz
Polar Pattern:	Supercardioid	Omnidirectional	Supercardioid
Sensitivity (at 1 kHz):	Open Circuit Voltage: -59 dBV/Pa (1 mV)	Open Circuit Voltage: -55 dBV/Pa (1.78 mV)	Open Circuit Voltage: -52 dBV/Pa (2.51 mV)
Output Impedance:	Rated at 150 Ω	Rated at 150 Ω	Rated at 150 Ω
Maximum SPL (20 Hz to 20 kHz, less than 1% THD):	160 dB with 2.5 kΩ load; 156 dB with 1 kΩ load	147 dB (1% THD, 1000 Ω load)	149 dB (1% THD, 1000 Ω load)
Net Weight:	Microphone: 12 grams less cable (0.4 oz) Preamp: 96 grams (3.4 oz)	35.35 grams (1.25 oz)	35.35 grams (1.25 oz)

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