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 52®A
Kick Drum Microphone
Supercardioid dynamic microphone for kick drum and low frequency applications.

20Hz - 10kHz



BETA 56®A
Snare I 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 I 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

Key: | **Operating Principle** Dynamic, Condenser | **Polar Pattern** OmniDirectional, Cardioid, SuperCardioid | **Frequency Response** Flat, Tailored

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) Preamplifier: 96 grams (3.4 oz)	Microphone with cable and preamplifier: 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) Preamplifier: 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) Preamplifier: 96 grams (3.4 oz)	35.35 grams (1.25 oz)	35.35 grams (1.25 oz)

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