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

BETA52®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

BETA56®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

BETA91A

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

BETA98A/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

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) Preamplifier: 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) Preamplifier: 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 preamplifier: 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

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