Q3 HYPERCARDIOID MICROPHONE

SAMSON AUDIO

Designed to excel in drum and amplified instrument miking situations, the Q3 features a tight Hypercardioid pattern to reduce feedback in high SPL vocal and instrument miking situations. Its special rare earth Neodymium element, which provides high output with unmatched sound quality, is enclosed in a special multi-axis shock-mount chassis to further reduce noise. The Q3 is also equipped with a transformerless design to allow extended low frequency response and a very lightweight aluminum humbucking voice coil to eliminate hum at the source.

It is equipped with a switchable 10 dB pad for use in high SPL situations and a 12 dB per octave high pass filter to eliminated unwanted low end sounds. The Q3 includes a highly distinctive combination windscreen/noise filter to reduce noise. Additional Q3 features include a foam-lined carry case, three pin gold-plated XLR connector and a special Euro-metric adapter that allows the mic to be easily mounted onto metric dimension microphone stands.

- High output, low impedance dynamic mic for instrument and drum miking.
- Rare earth Neodymium element for high output and superior sound.
- Hypercardioid pattern reduces feedback in high SPL miking.
- Microphone rotates 90° for optimum positioning in “tight” miking situations.
- Transformerless design reproduces extended range of low frequencies with minimal distortion.
- Aluminum humbucking voice coil provides hum rejection while preserving extended high frequencies.
- Switchable 10 dB pad enables use with high SPL sources like drums and amplified instruments.
- Switchable 12 dB per octave high pass filter eliminates unwanted low frequency information.
- Distinctive multi-stage windscreen reduces unwanted noise.
- Vertical porting helps reduce standing wave distortion.
- Multi-axis shock-mount mic element for quiet performance.
- Zinc-casing and a silicone “anti dent” ring provides additional windscreen protection.
- Foam-lined carry case• mic clip and Euro-metric mic stand adapter included.
- Gold-plated balanced XLR connector.

Contact:

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ARCHITECT'S & ENGINEER'S SPECIFICATION

The microphone shall be of a dynamic type with hypercardioid polar pattern. The microphone shall provide its output on a gold-plated male XLR-type connector. Output impedance shall be 600 Ohms.

The microphone shall be constructed of a zinc casing and shall contain a triple-plated multi-stage windscreen and noise filter for the removal of pops, sibilance and onstage noise, an aluminum humbucking voice coil for the elimination of magnetic field interference and true hum rejection, a Neoprene transformer cover for the reduction of microphonics, a high-output Neodymium element, and a multi-axis shock-mount to minimize handling noise.

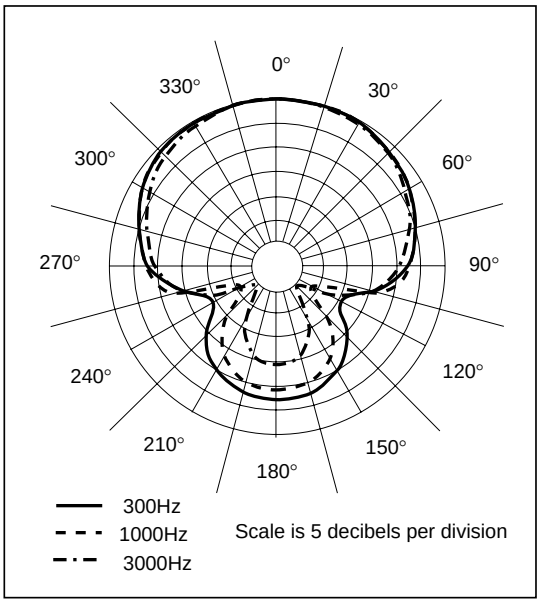
The microphone shall be equipped with a switchable 10 dB pad for use with high SPL sources and a 12 dB per octave high pass filter to reduce rumble and other unwanted low end sounds.

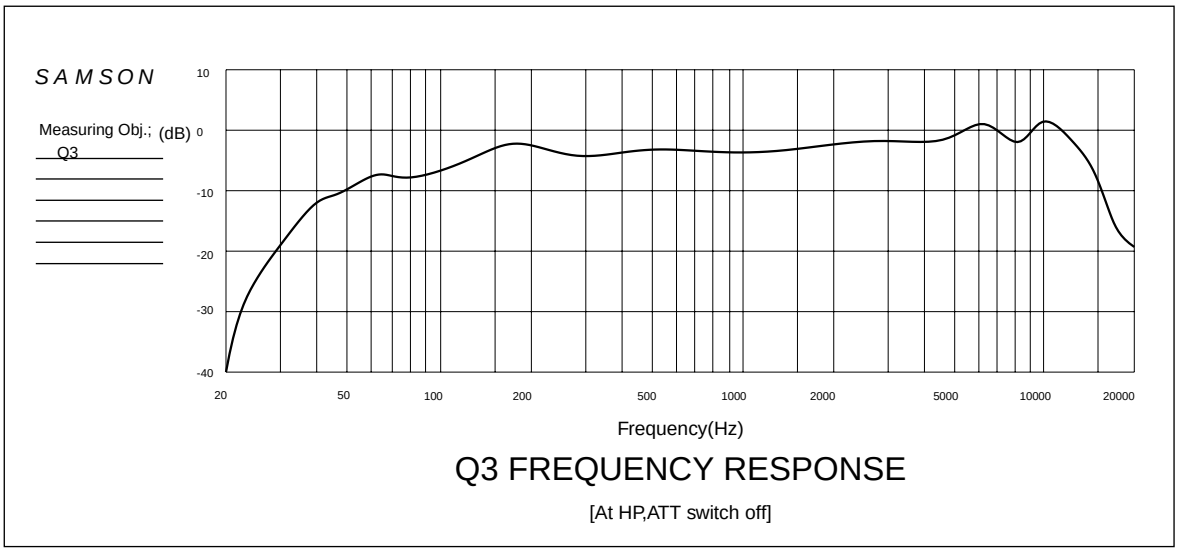
The Microphone shall rotate 90° for optimum positioning in "tight" miking situations. It shall have frequency response from 50 Hz to 15 kHz, sensitivity of -71 dBV at 94 dB SPL, and a maximum SPL of 137 dB. Dimensions shall be 4″ (101.6 mm) head, 3″ (76.2 mm) mounting. Weight shall be 15.1 oz. (431 g). The microphone shall carry a three-year warranty.

The microphone shall be a SAMSON Q3.

Q3 SPECIFICATIONS

Type:	Dynamic
Polar Pattern:	Hypercardioid
Frequency Response:	50 Hz - 15 kHz
Sensitivity (0 dB = 1 V / 0.1pa @ 1 kHz):	-71 dB ± 3 dB
Max. SPL	137 dB
Output Impedance (@ 1 kHz):	600 Ω (Lo Z)
High Pass Range:	-12 dB/octave (HP switch ON)
Attenuation Range:	-10 dB/average (ATT switch ON)
Connector:	3-pin gold-plated balanced XLR male
Dimensions:	4″ • 102mm (head)
	3″ • 76mm (mounting)
Weight:	15.1 oz. • 431g





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