Q2 CARDIOID MICROPHONE

SAMSON AUDIO

A versatile new addition the the QMIC "family" of microphones, the Q2 employs a tight unidirectional cardioid pattern to keep feedback to an absolute minimum in high SPL vocal and instrument miking situations. Its high energy Neodymium element provides maximum gain before feedback along with superior sound quality and is enclosed on a special multi-axis shock-mount chassis to reduce handling noise. Featuring very clear and articulate sound, the Q2 also incorporates a transformerless design for extended low frequency response without distortion and aluminum humbucking voice coil for quieter, hum-free performance. It is 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. Manufactured with the highest quality components, th Q2, like the popular Qmic, includes a highly distinctive windscreen / noise filter that greatly reduces wind noise, "pops" and excessive sibilance. Additional features include a gold-plated XLR connector and a special "Euro" adapter that allows the mic to be easily mounted onto metric microphone stands.

- High-energy, rare earth Neodymium element delivers high output and exceptional sound quality.
- Tight cardioid polar pattern reduces feedback.
- Transformerless design enables mic to reproduce extended low frequencies with minimal distortion.
- Lightweight aluminum humbucking voice coil rejects hum and preserves extended range of high frequencies.
- Vertical porting helps remove standing wave distortion.
- Switchable 10 dB pad allows use with high SPL sources such as drums and amplified instruments.
- Switchable 12 dB per octave high pass filter eliminates stage rumble.
- Triple-plated multi-stage windscreen for quiet performance.
- Multi-axis shock-mount mic element minimizes handling noise.
- Sturdy zinc-casting and a silicone "anti dent" provides additional windscreen protection.
- Foam-lined carry case, mic clip and Euro-metric mic stand adapter.
- Gold-plated balanced XLR connector.

Contact:

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ARCHITECT'S & ENGINEER'S SPECIFICATION

The microphone shall be of a dynamic type with cardioid 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 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 1.8″ (46 mm) head length, 4.2″ (107 mm) main unit length and 6″ (152 mm) total length. Weight shall be 10.5 oz. (300 g). The microphone shall carry a three-year warranty.

The microphone shall be a SAMSON Q2.

Q2 SPECIFICATIONS

Type:	Dynamic
Polar Pattern:	Cardioid
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
Connector:	3-pin XLR male
Dimensions:	6″ • 152mm
Weight:	10.5 oz. • 300g