



PRODUCT  
**C02**

DESCRIPTION  
**PENCIL CONDENSER MICS**

SERIES  
**STUDIO MICS**

CATEGORY  
**CONDENSER MICS**



**GENERAL DESCRIPTION**

The C02 condenser microphone brings a high level of accuracy and audio performance to instrument miking applications.

The C02 is a pencil style condenser microphone that excels in both live performance and recording applications. Equipped with a linear frequency response for superior reproduction, it is also designed to withstand high sound pressure levels. Extremely sensitive, it employs a tight super-cardioid pattern to reduce feedback. A special shock-mounted mic holder is included to minimize noise and provide additional protection.

**FEATURES**

- > Extended range frequency response for optimum reproduction and exceptionally clear, crisp sound with great transient response.
- > Ultra sensitive, low mass element picks up all of the nuances of any performance.
- > Tight super-cardioid polar pattern minimizes feedback problems and effectively rejects signals not originating directly in front of the mic capsule.
- > Withstands high SPLs, lending itself to a wide range of miking situations.

**FEATURES (continued)**

- > Special shock-mounted mic holder is included to minimize noise and provide additional protection.
- > Rugged brass case ensures reliable performance in even the most demanding environments.
- > The included foam wind screen can be fitted to greatly reduce wind noise when used in an outdoor environment, or for reducing "P Popping" in vocal applications.
- > Lightweight and compact, the C02 can be mounted on any standard microphone stand using the included shock-mounted mic clip.
- > Included foam-lined impact resistant carrying case for convenience when transporting two C02 microphones from venue to venue.
- > Gold plated XLR Connector.

**ARCHITECT'S & ENGINEER'S SPECIFICATIONS**

The Samson C02 microphone shall be a pencil condenser type studio microphone sold in stereo pairs. They shall have super-cardioid pickup patterns and a 12mm element. They shall have gold plated XLR connectors. They shall be sold with mic stand clips and a carry case.

**C02 SPECIFICATIONS**

<b>Type</b> .....	Condenser
<b>Polar Pattern</b> .....	Super-Cardioid
<b>Frequency Response</b> .....	50~20000 Hz
<b>Sensitivity</b> .....	-40 dBV/Pa (10mv/Pa)
<b>Rated Impedance</b> .....	200Ω
<b>Equivalent Noise level</b> .....	22 dB (A weighted IEC/DIN 651)
<b>Max. SPL</b> .....	134 dB (THD≤ 0.5% 1000 Hz)
<b>Dynamic Range</b> .....	112 dB
<b>Power Supply</b> .....	48V Phantom Power (IEC 268-15/DIN 45596)
<b>Current Consumption</b> .....	3.5 mA
<b>Dimensions</b> .....	0.8" x 5.9" ø 20mm x 150mm
<b>Weight</b> .....	170g (6.7oz)

PRODUCT SPECIFICATION SHEET

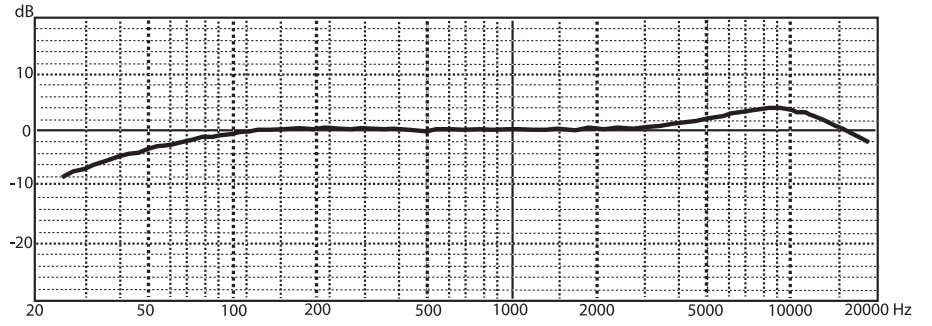
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**C02 FREQUENCY RESPONSE**



**C02 POLAR PATTERN**

