

# NEVATON

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## MC420 Studio Condenser Microphone



Nevaton's MC420 is a classically designed studio condenser microphone that maintains the level of sound quality Nevaton is known for, while remaining affordable. The MC420 performs well as a vocal microphone and for recording most acoustics instruments. It is also well suited for voice over, post-production, and broadcast.

The MC420 is available with cardioid and omni-directional polar patterns. It shares the same 24mm large-diaphragm capsule as the Nevaton MC51, and carries a linear sensitivity throughout its entire frequency range. The amplifier is built to the Class 'A' transformerless standard and all transistors pass a special selection process to guarantee minimal self-noise levels. The MC420 operates on 48V phantom power and a gold-plated XLR-connector is used as an output-connector. It can handle SPL up to 135 dB without distortion. The microphone's internal components are elastically mounted to lower vibration and handling noise to an absolute minimum. The result is a warm, revealing sound with clear midrange and natural bass.



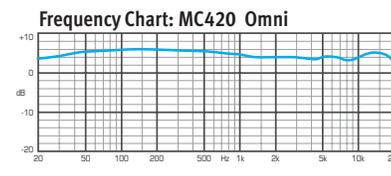
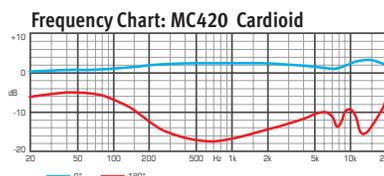
Like all Nevaton microphones, the MC420 is 100% handmade. Each microphone is carefully tested in an anechoic chamber to ensure a level of quality that easily competes with Europe's top brands. The Nevaton MC420 is packaged in a fine wooden box and comes with a two-year extended manufacturer's warranty. Matched stereo pairs are available.

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## MC420 Technical Specifications



### Electronic Characteristics:

Acoustical operating principle:	Pressure gradient transducer
Fixed directional pattern:	Cardioid, omni
Frequency response:	20 Hz - 20 kHz
Output sensitivity:	12 ± 2V mV/Pa
Equivalent SPL DIN/IEC 651:	14 dB-A
Maximum SPL:	135 dB for 0.5% THD
Dynamic range:	121 dB
Self noise (DIN / IEC):	14 dB-A
Nominal impedance:	50 Ω
Recommended load:	1 k Ω
Phantom powering:	48V ± 4V
Current consumption:	10 mA

### Physical Characteristics:

Connector:	XLR-male
Weight:	10.93 oz. (310 g)
Length:	3.15" (80 mm)
Body diameter:	1.18" (30 mm)
Head diameter:	1.97" (50 mm)

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