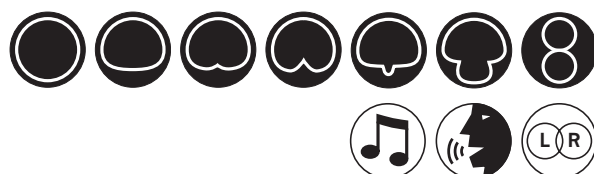


NEVATON

nevatonusa.com

MC404

Multi-Pattern Stereo Condenser Microphone



The Nevaton MC404 is a large-diaphragm stereo condenser microphone with advanced multi-pattern functions in mono mode. It features a 28mm dual-diaphragm symmetrical transducer, giving the microphone a fixed stereo width of 180°. Each diaphragm has its own dedicated amplifier channel. The ultra-thin gold-coated diaphragms are made of polyethylene-terephthalate film and give the MC404 a warm, brilliant, and transparent sound. It has excellent transient response, a low self-noise level of less than 17dB-A, and the ability to handle very high sound pressure levels up to 134dB. All capsule components have passed a special artificial aging process to guarantee long term stability. The internal construction is elastically mounted to attenuate handling noise. Additionally, the capsules are fixed on special shock absorbers to further reduce noise. The amplifiers are Class 'A' transformerless designs utilizing input transistors hand-selected for minimal noise. A switchable low-cut filter is provided to reduce low frequency interference and/or proximity effects. The MC404 performs especially well when the sound source is grouped around the microphone. It operates on 48V phantom power.



A small LED indicates front position and shows when phantom powering is active. The microphone body is made of brass with a grey non-reflective paint finish on an epoxy base. This makes it inherently immune to mechanical and atmospheric influences. A 3-layer metallic grille effectively protects the transducers from mechanical impacts and contamination by microscopic dust particles. A gold-plated 5-pin XLR connector is used for output, and a breakout cable (to dual 3-pin XLR connectors) is included. Each Nevaton microphone is supplied with a printout of its' individual frequency response, and comes in a fine hardwood box. An isolation clip is also provided.

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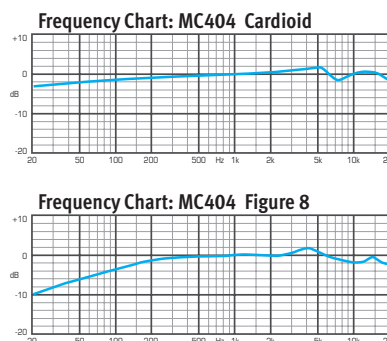


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MC404

Technical Specifications



Electronic Characteristics:

Acoustical operating principle:	Pressure gradient transducer
Fixed directional pattern:	Stereo: 2 cardioids, 180° Mono: omni, cardioid, subcardioid, supercardioid, hypercardioid, figure 8
Frequency response:	20 Hz - 20 kHz
Output sensitivity:	12mV / PA
Maximum SPL:	134 dB for 0.5% THD
Self noise (DIN / IEC):	17 dB-A
Nominal impedance:	50 Ω
Recommended load:	1 k Ω
Phantom powering:	12 - 48V
Supply Current:	10 mA

Switchable Options:

Pad:	No
Filter / EQ:	Yes

Physical Characteristics:

Transducer:	Ø 1.10" (28 mm)
Connector:	XLR-5M
Weight:	11.26 oz. (225 g)
Length:	8.85" (225 mm)
Minimum Diameter / Width:	1.18" (30 mm)
Maximum Diameter / Width:	2.00" (51 mm)

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