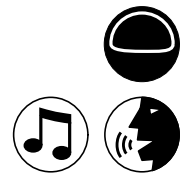




# MC403

## Boundary Layer Microphone



The Nevaton MC403 is a boundary layer microphone designed for live studio and stage recordings. It performs exceptionally for a number of applications including speech, male and female vocals (especially in classical ensembles), post-production, and broadcast. It also effectively records a wide range of acoustic instruments such as strings, brass, saxophones, clarinet, harp, flute and percussion. The MC403 is small and unobtrusive, allowing it to be easily concealed in boardrooms and on stages.



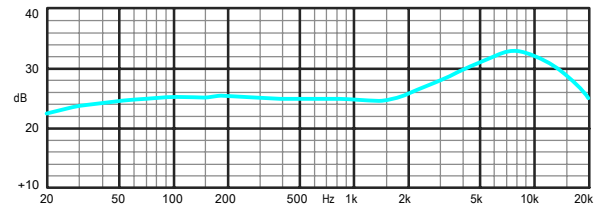
The MC403's pressure sensor transducer is small and thin. Its 12mm diaphragm is gold-plated and goes through an artificial aging process to ensure long-term stability. The microphone base has non-slip rubber pads for horizontal positioning, and specially threaded holes for wall mounting. If the microphone is mounted on a boundary such as a table, floor, or walls its sensitivity doubles, the S/N ratio raises and the polar pattern becomes hemispherical. Mounting the microphone also reduces interference from reflections, and the MC403's vibration-proof construction lessens overall interference levels. The MC403 transmits clearly even at a distance, and its high output voltage provides a smooth frequency response for all angles.

Nevaton's MC403 is packaged in a fine wooden box with a two-year manufacturer's warranty. Matched stereo pairs are available.

# MC403

## Technical Specifications

Frequency Chart: MC403



### Electronic Characteristics:

Acoustical operating principle:	Pressure transducer
Directional pattern:	Hemispherical
Frequency response:	20 Hz - 20 kHz
Output sensitivity:	20 ± 2V mV/Pa
Equivalent SPL DIN/IEC 651:	18 dB-A
Maximum SPL:	130 dB for 0.5% THD
Dynamic range:	112 dB
Self noise (DIN / IEC):	17 dB-A
Nominal impedance:	50 Ω
Recommended load:	1 k Ω
Phantom powering:	48V ± 4V
Current consumption:	10 mA

### Physical Characteristics:

Connector:	XLR-3M
Weight:	4.23 oz. (120 g)
Diameter:	3.15" (80 mm)
Height:	0.39" (10 mm)