

**USER MANUAL**

CM602  
Musical instrument microphone



**Proel S.p.A.**  
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**General**

The CM602 is a small, wide-range microphone with a cardioid polar pattern. Designed for vocal, Tom and Snare use, it is also well suited for lectern and other applications demanding the highest quality sound performance. Its relatively small size makes it unassuming in any situation. The cardioid polar pattern focuses on the desired sound source while rejecting unwanted ambient noise and feedback. The microphone body is durable metal construction and perfect weight distribution ensures fatigue-free handling.

**Features**

- 1 The body of the mic contains the electronics and features a 3-pin output connector.
- 2 Superior internal shock mounting eliminates virtually all handling and cable noise.
- 3 Rugged design and construction for reliable performance.
- 4 The output of the microphone is balanced low impedance.
- 5 The cartridge type is back electret, special low-mass diaphragm which is only 2 microns thick provides superior transient response and no crossover distortion.
- 6 Cardioid polar pattern reduces pickup of sounds from the sides, improving isolation of desired sound source.

**Specifications**

Model.....	CM602
Element.....	Back Electret Condenser
Polar Pattern.....	Uni-directional
Frequency Response.....	50Hz-18kHz
Sensitivity.....	-45dB ±3dB (0dB=1V/Pa at 1kHz)
Output Impedance.....	200 Ω
Max Input SPL.....	130dB (at 1kHz ≤1% T.H.D)
S/N Ratio.....	70dB
Power Supply.....	Phantom 24-48V
Connector.....	Standard XLR
Accessories.....	Windscreen

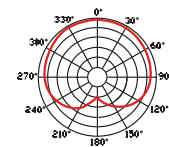


Figure 1: Polar pattern

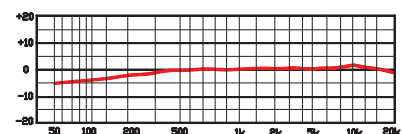


Figure 2: Frequency response