

PERCUSSION

C9

Cardioid Condenser Instrument Microphone



Applications:

Overheads
Classical strings
Acoustic guitar
Folk instruments

Description

Packaged in a small, rugged, all-metal body, the C9 cardioid condenser microphone is designed primarily for overhead drum miking. The cardioid polar pattern focuses sensitivity to the front of the microphone while minimizing sources arriving from the rear. Transformerless line-driver circuitry improves transient agility while maintaining phase alignment for clear detail. The integral polymer isolation mechanically decouples the capsule from the body minimizing acoustical conduction from the floor through the mic stand. Although designed for drum overheads, the C9 also excels when used on classical stringed instruments, acoustic guitars, and folk instruments.

Shock-isolating swivel mount is included. P12 (12V), P24 (24V), or P48 (48V) phantom power is required.



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C9

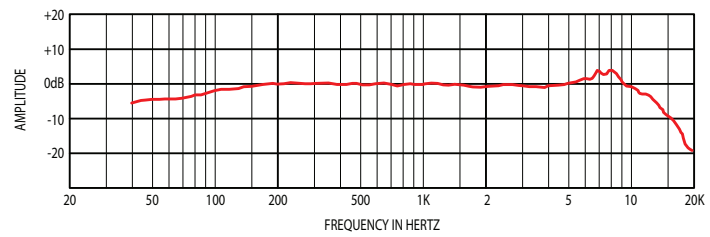
Cardioid Condenser Instrument Microphone

Specifications†

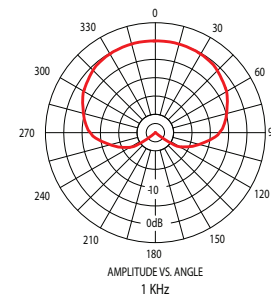
Operating Principle	Condenser
Polar Pattern	Cardioid
Frequency Response	70Hz -13KHz
Sensitivity	-39dBV (11mV) @ 1 Pa
Impedance	150 ohms
Max SPL	140dB
Self Noise	27dBA
Dimensions	(see drawing)
Power Requirements	P12, P24, P48, 2.2mA
Weight	1.12oz [32g]
RF Immunity	Meets or exceeds EN55103-2, E1-E4
RoHS	Compliant

†Specifications subject to change without notice.

Frequency Response

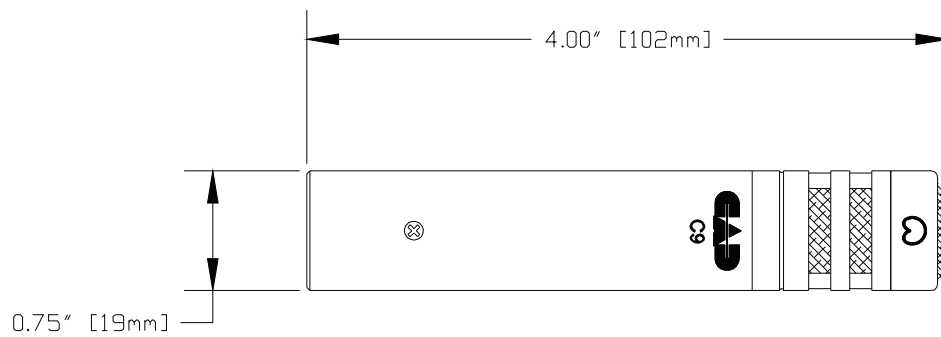


Polar Pattern



Dimensional Drawing

[not shown actual size]



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