

CM 90 SPECIFICATIONS

Type:	True condenser pressure-gradient microphone with 0.79 inch(20mm) diaphragm and FET	IEC 268-4(A weighted):	19dB-A
Polar pattern:	Cardioid	S/N ratio re 1Pa:	75dB
Open circuit sensitivity:	14mV/Pa=-37dBV (0dBV=1V/Pa)	Current consumption:	<3mA
Frequency range:	40 to 16000Hz	Ambient temperature range:	14°F to 140°F (-10°C to +60°C)
Rated output impedance:	< 200 Ohms	Relative humidity range:	90% (68°F, 20°C), 85% (140°F, 60°C)
Recommend load Impedance:	≥1000 Ohms	Connector:	3-pin XLR (gold plated)
Max. SPL (1% THD @ 1000Hz):	131dB	Phasing:	Positive voltage on pin 2 relative to pin 3
Equivalent noise level to DIN 45405(CCIR 468-2):	28DB	Mic cable:	3-pin XLR standard cable (not supplied)
Max. SPL (1% THD @ 1000Hz):	131dB	Size:	Diameter: 0.9" (22mm), Length: 5.1" (130mm)
Power requirement:	+48VDC phantom power	Net weight:	5oz (130g)
Equivalent noise level to DIN 45405(CCIR 468-2):	28DB		

Specifications and design subject to change for improvement purposes