

	<u>ENGLISH</u>	<u>SI</u>	
<b>Performance</b>			
Nominal Microphone Diameter	1/2"	1/2"	
Frequency Response Characteristic(at 0° incidence)	Free-Field	Free-Field	
Sensitivity	50 mV/Pa	50 mV/Pa	[3]
Sensitivity(± 1.5 dB)	-26 dB re 1 V/Pa	-26 dB re 1 V/Pa	[3]
Frequency Range(± 2 dB)	3.75 to 20,000 Hz	3.75 to 20,000 Hz	
Frequency Range(± 1 dB)	7 to 10,000 Hz	7 to 10,000 Hz	
Lower Limiting Frequency(-3 dB)	1.0 to 3.0 Hz	1.0 to 3.0 Hz	
Inherent Noise	15.5 dB(A) re 20 μPa	15.5 dB(A) re 20 μPa	[2]
Dynamic Range(3% Distortion Limit)	137 dB re 20 μPa	137 dB re 20 μPa	[2]
<b>Environmental</b>			
Temperature Range(Operating)	-40 to +149 °F	-40 to +65 °C	
Temperature Coefficient of Sensitivity(+14 to +149°F (-10 to 65°C))	0.005 dB/°F	0.009 dB/°C	[2][3]
Static Pressure Coefficient	-0.013 dB/kPa	-0.013 dB/kPa	[2][3]
Humidity Coefficient of Sensitivity(0 to 100%, non-condensing)	± 0.001 dB/%RH	± 0.001 dB/%RH	[3]
Influence of Axial Vibration(0.1g (1 m/s <sup>2</sup> ))	63 dB re 20 μPa	63 dB re 20 μPa	[2]
<b>Electrical</b>			
Polarization Voltage	0 V	0 V	[1]
Current Draw	6.5 mA	6.5 mA	[2]
Maximum Output Voltage	± 10 Vpk	± 10 Vpk	
Output Impedance	<50 Ohm	<50 Ohm	
<b>Physical</b>			
Housing Material	Stainless Alloy	Stainless Alloy	
Venting	Rear	Rear	
Electrical Connector	3-Pin XLR	3-Pin XLR	
Mounting Thread(Grid)	0.5 - 60 UNS	0.5 - 60 UNS	
Size (Diameter x Height)(with grid)	0.79 in x 6.99 in	20.1 mm x 177.6 mm	
Weight	6.50 oz	184.2 gm	[2]

**OPTIONAL VERSIONS**

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

**NOTES:**

[1] Prepolarized  
 [2] Typical.  
 [3] re 250 Hz  
 [4] See PCB Declaration of Conformance PS147 and PS167 for details.

**SUPPLIED ACCESSORIES:**

Model 079A49 Phantom power preamplifier holder (1)  
 Model 64443-01 Quarter inch adaptor (1)  
 Model 64444-01 Half inch to quarter inch adaptor (1)  
 Model ACS-42 Calibration of microphone with preamplifier (1)

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All specifications are at room temperature unless otherwise specified.  
 In the interest of constant product improvement, we reserve the right to change specifications without notice.  
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	<b>Phone: 716-684-0001</b> <b>Fax: 716-684-0987</b> <b>E-Mail: info@pcb.com</b>
3425 Walden Avenue, Depew, NY 14043	