

Model Number 376A33	PHANTOM POWER MICROPHONE SYSTEM				Revision: B ECN #: 48449	
Performance		ENGLISH	SI	OPTIONAL VERSIONS		
Nominal Microphone Diameter		1/2"	1/2"	Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.		
Frequency Response Characteristic(at 0° incidence)		Free-Field	Free-Field			
Sensitivity		12.6 mV/Pa	12.6 mV/Pa			[3]
Sensitivity(± 2 dB)		-38 dB re 1 V/Pa	-38 dB re 1 V/Pa			[3]
Frequency Range(± 3 dB)		3.15 to 40,000 Hz	3.15 to 40,000 Hz			
Frequency Range(± 2 dB)		3.15 to 31,500 Hz	3.15 to 31,500 Hz			
Frequency Range(± 1 dB)		5 to 16,000 Hz	5 to 16,000 Hz			
Lower Limiting Frequency(-3 dB)		1.0 to 2.4 Hz	1.0 to 2.4 Hz			
Inherent Noise		22 dB(A) re 20 µPa	22 dB(A) re 20 µPa			[2][4]
Dynamic Range(3% Distortion Limit)		150 dB re 20 µPa	150 dB re 20 µPa			[2]
Environmental				NOTES:		
Temperature Range(Operating)		-40 to +149 °F	-40 to +65 °C	[1] Prepolarized		
Temperature Coefficient of Sensitivity(+14 to +149°F (-10 to 65°C))		0.003 dB/°F	0.006 dB/°C	[2] Typical.		
Static Pressure Coefficient		-0.007 dB/kPa	-0.007 dB/kPa	[3] re 250 Hz		
Humidity Coefficient of Sensitivity(0 to 100%, non-condensing)		0.002 dB/%RH	0.002 dB/%RH	[4] A-Weighted inherent noise is specified from 20 Hz - 20 kHz.		
Influence of Axial Vibration(0.1g (1 m/s²))		66 dB re 20 µPa	66 dB re 20 µPa	[5] See PCB Declaration of Conformance PS147 and PS167 for details.		
Electrical				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)		
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			
Physical						
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 6.85 in	20.1 mm x 174.0 mm			
Weight		6.45 oz	183.0 gm	[2]		
 [5]		Entered: LK				
		Engineer: MJN				
		Sales: MV				
		Approved: NJF				
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. ICP® is a registered trademark of PCB Group, Inc.		Date: 7/17/2018				
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