

Model Number 376A32	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	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]		
Environmental					
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/s²))	63 dB re 20 µPa	63 dB re 20 µPa	[2]		
Electrical					
Polarization Voltage	0 V	0 V	[1]		
Current Draw	6.5 mA	6.5 mA	[2]		
Maximum Output Voltage	± 10 Vpk	± 10 Vpk		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)	
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 6.99 in	20.1 mm x 177.6 mm			
Weight	6.50 oz	184.2 gm	[2]		
 [4]		Entered: LK			
		Engineer: MJN			
		Sales: MV			
		Approved: NJF			
		Spec Number:			
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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 3425 Walden Avenue, Depew, NY 14043		Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com			