

Model Number 376A33	PHANTOM POWER MICROPHONE SYSTEM	Revision: B ECN #: 48449
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	<u>ENGLISH</u>	<u>SI</u>	
Performance			
Nominal Microphone Diameter	1/2"	1/2"	
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			
Temperature Range(Operating)	-40 to +149 °F	-40 to +65 °C	
Temperature Coefficient of Sensitivity(+14 to +149°F (-10 to 65°C))	0.003 dB/°F	0.006 dB/°C	[2][3]
Static Pressure Coefficient	-0.007 dB/kPa	-0.007 dB/kPa	[2][3]
Humidity Coefficient of Sensitivity(0 to 100%, non-condensing)	0.002 dB/%RH	0.002 dB/%RH	[3][2]
Influence of Axial Vibration(0.1g (1 m/s ²))	66 dB re 20 µPa	66 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	
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]

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] A-Weighted inherent noise is specified from 20 Hz - 20 kHz.
[5] 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)

Entered: LK	Engineer: MJN	Sales: MV	Approved: NJF	Spec Number:
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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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