

Audio Precision 376M03 Phantom-Powered Microphone System

Complete Specifications

	ENGLISH	SI	Notes
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 (± 1.5 dB)	-38 dB re 1 V/Pa	-38 dB re 1 V/Pa	[3]
Frequency Range (± 1 dB)	5 Hz to 16 kHz	5 Hz to 16 kHz	
Frequency Range (± 2 dB)	3.15 Hz to 31.5 kHz	3.15 Hz to 31.5 kHz	
Frequency Range (± 3 dB)	3.15 Hz to 40 kHz	3.15 Hz to 40 kHz	
Lower Limiting Frequency (-3 dB)	1.0 to 2.4 Hz	1.0 to 2.4 Hz	
Inherent Noise	22 dBA re 20 µPa	22 dBA re 20 µPa	[2] [1]
Dynamic Range (3% Distortion Limit)	150 dB re 20 µPa	150 dB re 20 µPa	[1]
Environmental			
Temperature Range (Operating)	-40 to +149 °F	-40 to +65 °C	
Temperature Coefficient of Sensitivity (+14 to +158°F (-10 to +70°C))	0.003 dB/°F	0.006 dB/°C	[3] [1]
Static Pressure Coefficient	-0.007 dB/kPa	-0.007 dB/kPa	[3] [1]
Humidity Coefficient of Sensitivity (0 to 100%, non-condensing)	± 0.002 dB/%RH	± 0.002 dB/%RH	[3] [1]
Influence of Axial Vibration (0.1g (1 m/s ²))	66 dB re 20 µPa	66 dB re 20 µPa	[1]
Electrical			
Polarization Voltage	0 V	0 V	[4]
Current Draw	6.5 mA	6.5 mA	[1]
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 (with grid)	0.79 in	20.1 mm	
Size—Length (with grid)	6.85 in	174.0 mm	
Weight	6.45 oz.	183 gm	[1]
Notes			
[1] Typical			
[2] A-weighted inherent noise is specified from 20 Hz–20 kHz			
[3] re 250 Hz			
[4] Prepolarized			

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