

The MP201 microphone is the best choice for use in IEC61672 Class 1 Sound Level Meters and other noise measurements requiring Class 1 accuracy. It is a 1/2" prepolarized free-field measurement microphone whose development spans over 30 years in design, manufacture, calibration, and field testing.

Handcrafted to exacting standards along with rigorous testing ensure its high quality, reliability, and extreme stability in all kinds of environments. Its incredible performance stems from its nickel alloy diaphragm using BSWA's diaphragm coating technology. The microphone housing is also made from the same nickel alloy to ensure the smallest temperature coefficients.

Production quality control for the MP201 uses only 40% of the frequency response tolerances allowed by IEC61672 Class 1 microphones! Figure 1 shows the typical free-field frequency response curve of the MP201 (black curve) against quality control limits (red curves).

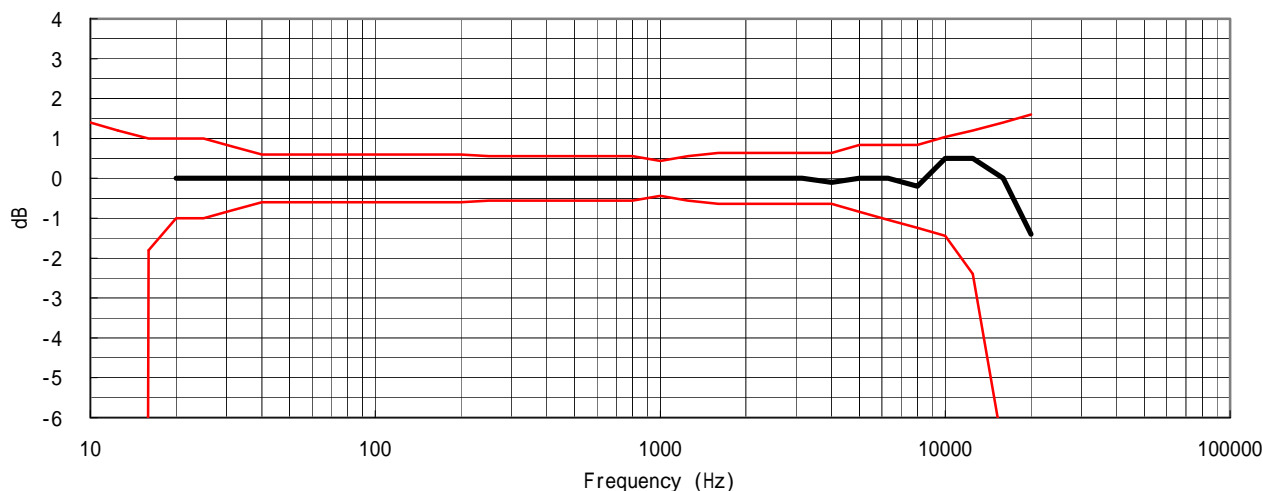
Each microphone is supplied with its individual calibration data for frequency response and sensitivity. Its stability and versatility has been proven in all fields of acoustic measurements.

It's no wonder many world-leading manufacturers of Class 1 sound level meters choose the MP201 microphone. Its proven quality, reliability, stability, and performance simply make it the best choice..



### Specifications

CLASS 1 MICROPHONE MP201	
Diameter	1/2 inch
Response	Free Field
Open-Circuit Sensitivity	-26 ± 2 dB (50mV/Pa)
Frequency Response	20 ~ 20 kHz
Polarization Voltage	0 V
Dynamic Range (3% Distortion Limit)	> 146 dB
Cartridge Thermal Noise	< 16 dBA
Capacitance (Typical)	16 pF
Pressure Equalization Vent	Rear Vented
Operating Temperature	-30°C ~ 80°C
Operating Humidity	0 ~ 98% RH
Equivalent Air Volume	250 mm <sup>3</sup> at 250 Hz
Temperature Coefficient (-10 ~ 50°C)	- 0.005 dB/°C
Humidity Coefficient	-0.003 dB/%RH
Pressure Coefficient (250 Hz)	-0.004 dB/kPa
Dimensions	IEC 1094-4 Type WS 2



DISTRIBUTION FOR THAILAND



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