

Free field microphone kit M 681+A 802

Version: 1.2_20230811_EN



The M 681+A 802 is an IEPE 1 inch prepolarized free-field measurement microphone, which is used to measure the undistorted true sound pressure of the microphone before it is placed into the sound field.

The M 681+A 802 is a cost-effective microphone designed specifically for audio production line testing of multimedia products.

With MegaSig PM 0083 and other IEPE signal conditioning to achieve the best test results.

Product characteristics

- Meets the requirements of IEC 61094-4 for WS1F measuring microphone
- Low noise, wide frequency response range

Specifications

Sound field	Free field
Frequency Response (dB)	6.3Hz – 16kHz ± 2dB 12.5Hz – 10kHz ± 1dB
Dynamic range (dB)	12 – 137
Noise level	< 12dBA
THD	< 3% at 137dBSPL
Sensitivity mV/Pa(dBV/Pa)	100mV/Pa (-20.0dB± 2dB) re 1V/Pa
Length	76.6mm (No connector included)
Connector	BNC
Working temperature	-20°C to 60°C
Temperature Coefficient	10- 90% no condensation
Storage condition	Temperature: 25°C±5°C, humidity: 50%±15%RH (to ensure the long-term stability of the sensor)

MegaSig reserves the right to change specifications and accessories without notice.



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