

Pressure-field Microphone Sets M 671+A 802 Version: 2.0_20240228_EN



The M 671+A 802 is an IEPE 1/2 inch prepolarized pressure field measurement microphone. The main part is made of stainless steel so that it has good toughness and long-term stability.

The M 671+A 802 positioning is a cost-effective microphone. IEPE signal conditioner such as MegaSig PM 0083 is usually used to achieve the best test results.

Product characteristics

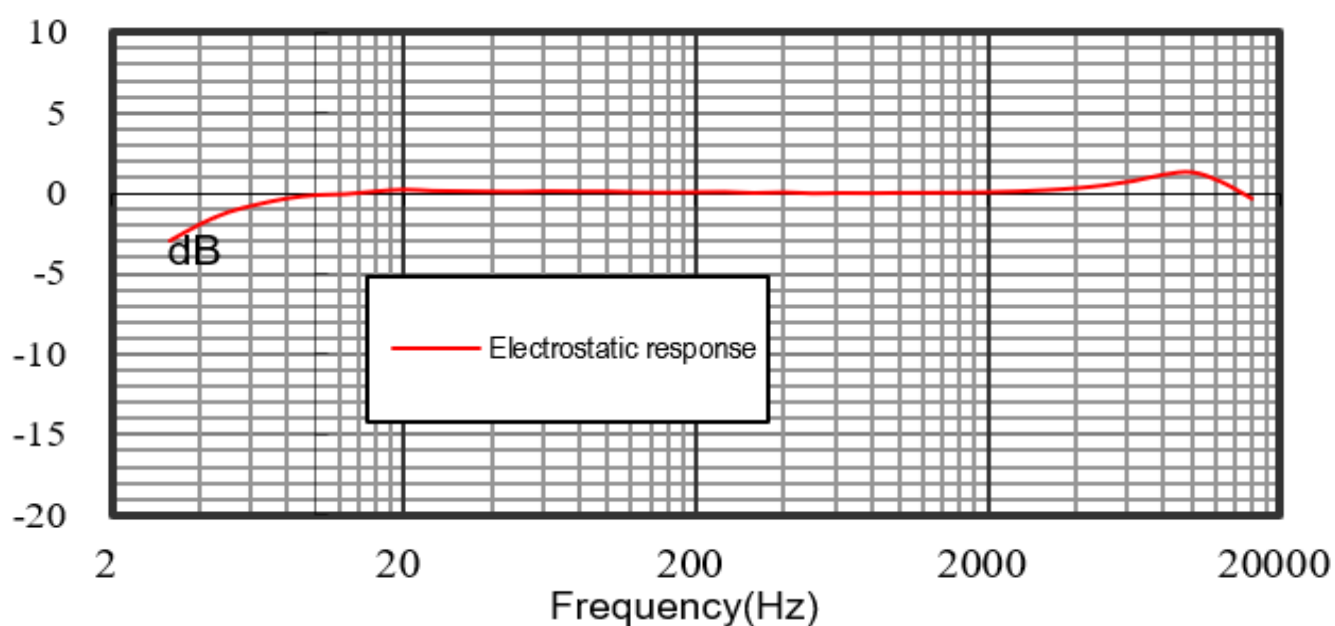
- Compliance with IEC 61094-4 WS2P Specifications for working standard microphones
- Wide dynamic range, wide frequency range
- Suitable for hard surface sound pressure measurement ,with acoustic coupling cavity for acoustic testing

Specifications

Sound field	Pressure-field
Polarization	0V (Pre polarized)
Frequency range	3.15Hz – 16kHz ± 2dB 12.5Hz – 10kHz ± 1dB
Dynamic range	33dB (A) -147dB (1000 Hz THD<3%)
Inherent noise	33dB (A)
Sensitivity mV/Pa(dBV/Pa)	12mV (-38 dB) ±2dB
Output level max	5.6V
Output impedance	<50Ω
Power supply min. to max.	2mA-20mA (Typical 4mA)
Microphone venting	Rear
Connect type	BNC

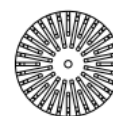
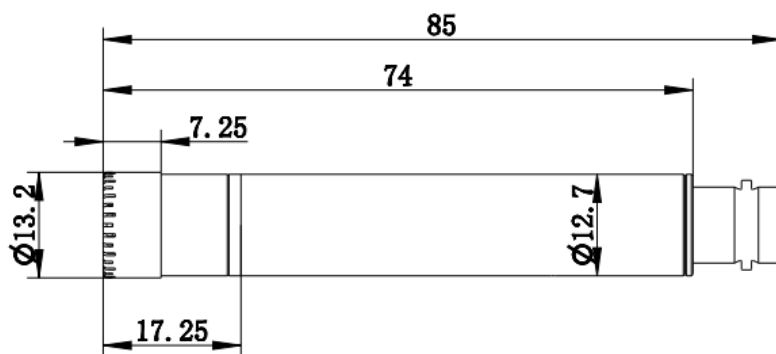
Temperature range,operation	-20°C to 60°C
Storage condition	Temperature: 25°C±5°C, humidity: 50%±15%RH (to ensure the long-term stability of the sensor)
Relative humidity	10-90% no condensation
Relative humidity coefficient	<0.1dB(10-90% no condensation)

Pressure-field Measurement Sets M 671+A 802 Frequency Response



Mechanical dimension

Overall length	85mm (including protection grid)
Diameter	13.2mm (including protection gate)
Diameter	12.7mm(excluding protection gate)
Lead pole fit thread	11.7mm-60UNS



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



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