

Ultra low noise microphone kit SS 771-11

Version: 1.5_EN_20240515



The high sensitivity and low noise artificial ear is an ear simulator that simulates the way an earplug catheter is inserted into the ear canal or auricle, and simulates the coupling between the earphone and the human ear to measure the acoustic performance of the earphone. The SS 771-11 is a coupled cavity and preamplifier integrated non-detachable construction, it is a pre-polarized pressure field measurement microphone kit.

With MegaSig PM 0083 IEPE signal conditioner to achieve the best test results.

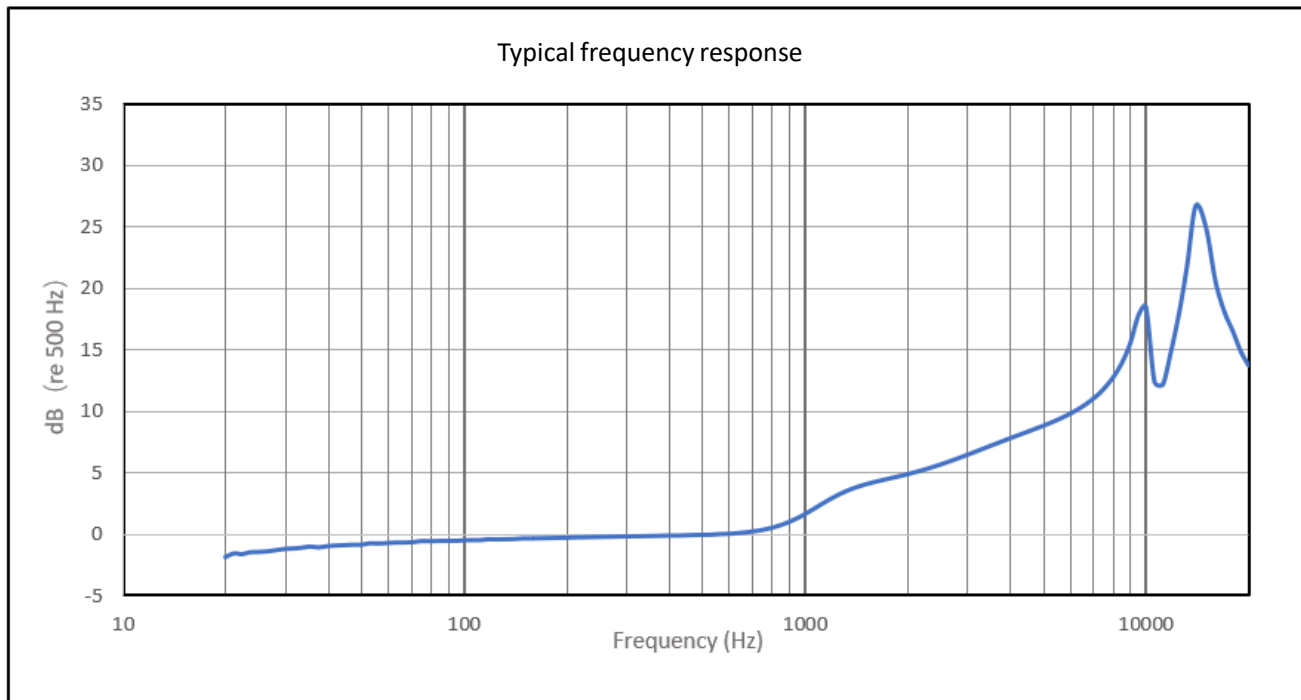
Product characteristics

- Electroacoustics according to IEC 60318-4:2010 Ed.1.0 (formerly IEC 60711) - Simulators for the human ear and head - Part 4: Plugged ear simulators for measuring plug-in headsets
- High sensitivity, Low noise level

Specifications

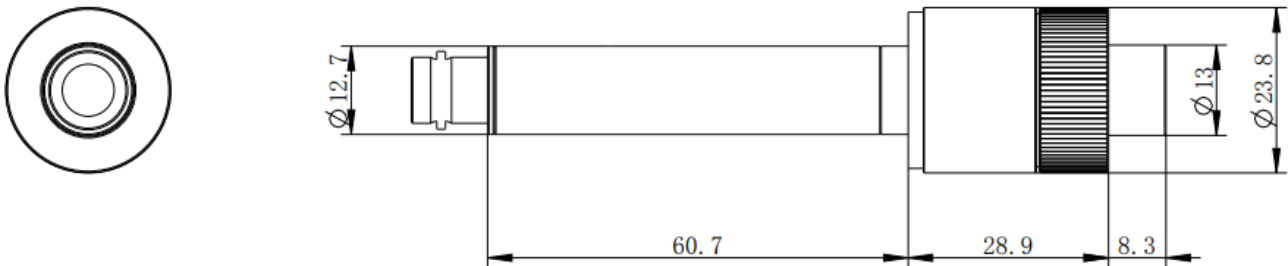
Frequency Response	20Hz ~ 8kHz ± 0.5dB 8kHz ~10kHz ± 1dB 10kHz ~16kHz ± 2dB 16kHz ~20kHz ± 3dB
Typical noise level	12dBA
Sensitivity	250mV/Pa (-12dB±2dB) re 1V/Pa; (200mV/Pa~316mV/Pa)
Dynamic range	12dBA-113dB
Volume	1260mm ³
Polarization voltage	Pre-polarization (0V)
Size of microphone	1/2"
Connector	BNC
Working temperature	-20°C to 60°C
Relative humidity	10%- 90% no condensation
Storage condition	Temperature: 25°C±5°C, humidity: 50%±15%RH (to ensure the long-term stability of the sensor)

Typical frequency response



Dimensions

Unit: mm



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

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www.megasig.com

MegaSig Measurement & Control Technology Co.,Ltd

Tel: 0755-8950.8393

Fax: 0755-8950.8392

Sales email: sale@megasig.com

Technical support email: support@megasig.com

Address: Room 1002, Unit 2, Building 1, Hongxing Chuangzhi Plaza,
Guangming District, Shenzhen, China