

Microphone set M 645+A 811

Version: 1.1_EN_20230529



M 645+A 811 is a microphone set which is prepolarized, 1/4 inch, for free-field measurement, Ideally for production test.

All the microphones are going through solid environmental testing, which includes high temperature ageing and high humidity ageing

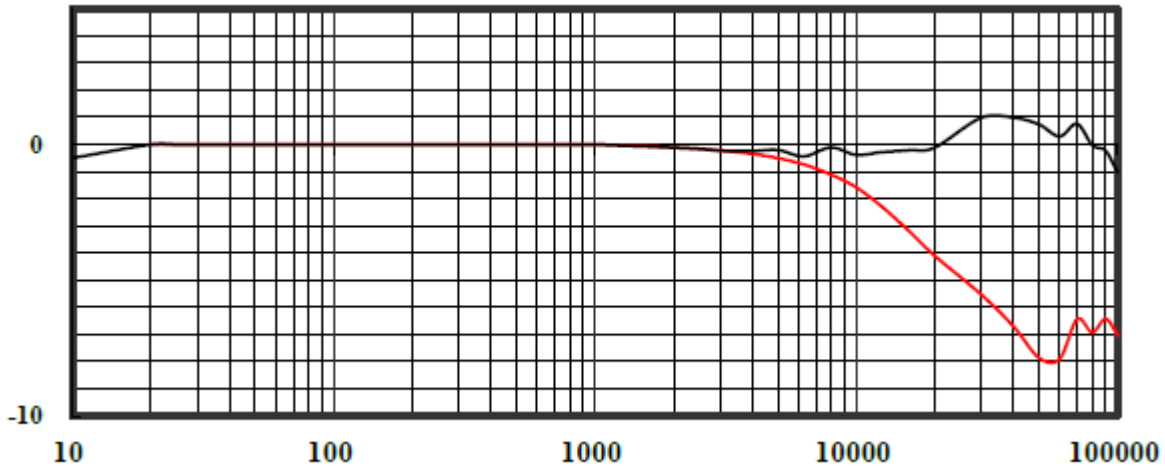
Materials

Housing	Stainless Steel
Diaphragm	Nickel
Back Plate	Stainless Steel
Insulator	Crystal Quartz
Electret	Teflon

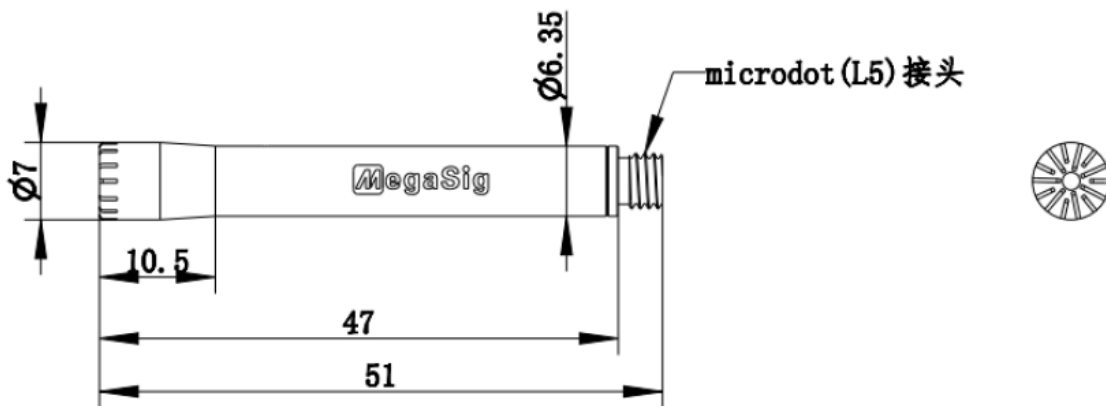
Specifications

Field	Free-field, type I
Sensitivity mV/Pa	-47dB ±2dB
Dynamic Range dBA	34~162 (THD<3%)
Flatness	20-100kHz ±1.5dB
Noise level	<34dBASPL
Capacitance	8.0 pF
Working temperature	-10°C ~ 50°C
Temperature Coefficient	-20~60°C, Sound Pressure Level Change < -0.003dB (at 250Hz, reference temperature 23°C)
Humidity Coefficient	20%~90% RH ; Sound Pressure Level Change < -0.003 dB (at 250Hz at reference temperature 40 °C, and reference 50% RH)

Typical Response



Dimensions Unit: mm



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



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