

Free-field Microphone Sets M 663+A 832

Version: 2.1_20260326_EN

TEDS



The M 663+A 832 is an IEPE 1/2 inch pre-polarized free field measuring microphone designed to measure the distortion-free true sound pressure of the microphone before it is placed into the sound field.

The M 663+A 832 is a cost-effective microphone designed specifically for audio production line testing of multimedia products and motor products.

With the IEPE signal conditioner such as MegaSig PM 0083, with its high stability and accuracy, it has become the standard configuration of the audio test system of most domestic brands.

Product characteristics

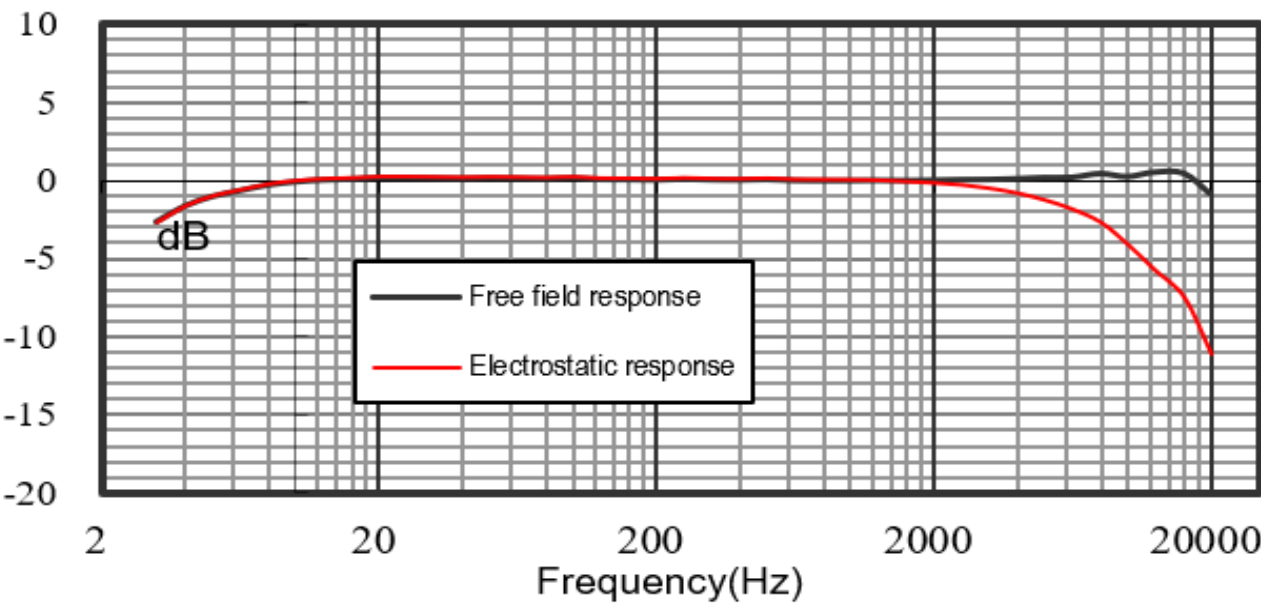
- Provides the TEDS function
- Compliance with IEC 61094-4 WS2F Specifications for working standard microphones
- Low inherent noise, wide frequency range

Specifications

Sound field	Free-field
Polarization	0V (Pre polarized)
Frequency range	3.15Hz – 20kHz ± 2dB 12.5Hz – 10kHz ± 1dB
Dynamic range	17dB (A) -135dB (1000 Hz THD<3%)
Inherent noise	17dB (A)
Sensitivity mV/Pa(dBV/Pa)	50mV (-26.0dB) ± 2dB
Output level max	5.6V
Output impedance	<50Ω
Power supply min. to max.	2mA-20mA (Typical 4mA)
Microphone venting	Rear
Connect type	BNC

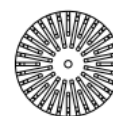
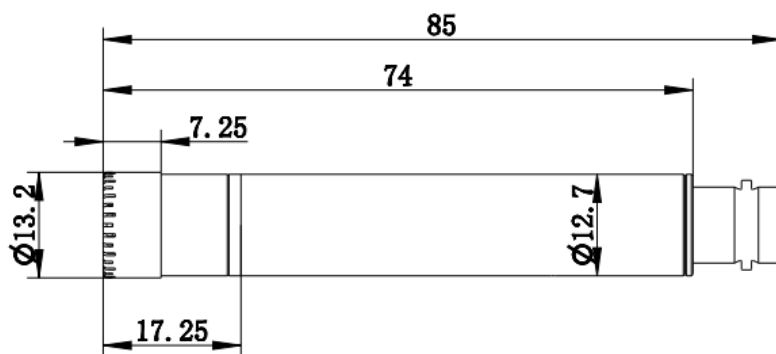
Temperature range,operation	-30℃ to 85℃
Storage condition	Temperature: 25℃±5℃, humidity: 50%±15%RH (to ensure the long-term stability of the sensor)
Relative humidity	0-90% no condensation
Relative humidity coefficient	<0.1dB(0-90% no condensation)

Free-field Measurement Sets M 663+A 832 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.



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