

IEPE Microphone 1/4"



Standard version microphone

Our microphones integrate a quality electret capsule. It comes with a specifically developed IEPE power supply*.

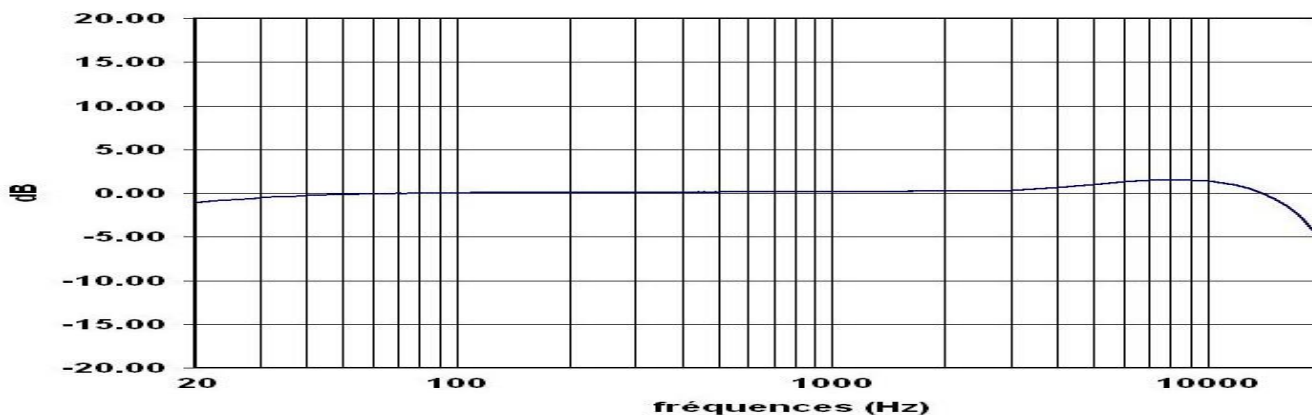
Technical specifications

- Frequency range (± 2 dB): [20 Hz ; 16 kHz]
- Linearity (3% de THD à 1 kHz): 140 dB
- 1 kHz sensitivity (20° C): 12 mV/Pa
- Temperature sensitivity: ± 1 dB sur [0 °C ; 40 °C]
- Background noise: 40 dB
- Classe 2 (CEI 61672-1)
- Conditioning amplifier: external IEPE module ($I \geq 2$ mA)
- IEPE supply indicator
- Connector: BNC female
- Option: 50Hz high-pass filter integrated to the conditioner
- External diameter: 1/4"
- Length: 10cm
- Link to conditioner: flexible cable (length 2m, diameter 2.5mm)
- Conditioner dimensions: 54mm x 42mm x 24mm
- Modularity : adaptations are possible upon specifications (body length, filters,...)



Exemple of application

*joint development with Laboratoire de Mécanique et d'Acoustique de Marseille



Frequency response (comparison to a reference 1/4 " free-field microphone)