



MI19-HS

High Sensitivity 1/4" IEPE Microphone



MI19-HS 1/4" High Sensitivity Microphone

Calibrated microphone MI19-HS is suitable for all measurements in technical acoustics such as machine noise, sound measurement on the test bench, use in the impedance tube, sound testing and acoustic camera.

The MI19 model has integrated electronics and is supplied with a sensitivity of 100 mV/Pa with a tolerance of ± 0.5 dB.

The power supply is provided by an IEPE constant current source with 4mA.

MI19 microphones are equipped with a BNC jack so that standard BNC cables can be used.

The TNC connector version is also available upon request.

Specifications

Class 1 according to IEC 61672

Frequency response	20 Hz - 30 kHz
Microphone Type	Free field
Characteristic	Omnidirectional
Sensitivity	100 mV/Pa
Inherent noise	27 dB(A)
Dynamic range (Ref. 20 μ Pa)	24 dB(A) -127 dB
IEPE Supply	2 - 8 mA @ 18 Volt - 30 Volt
Connector	BNC (fem.)
Diameter	1/4" / 6.8 mm
Operating temperature	-10 - 80 °C
Overall length	83 mm
Weight	19 g

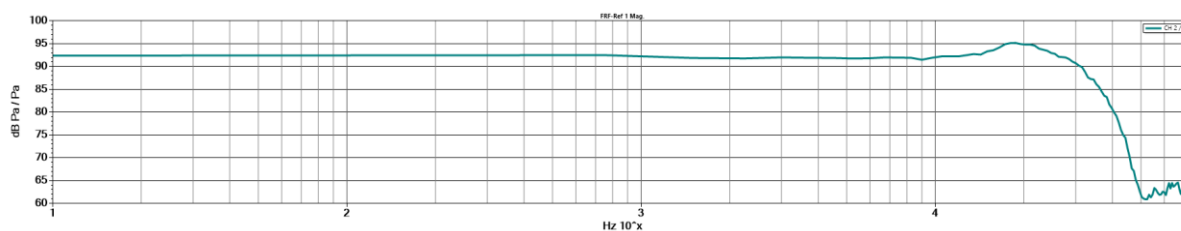
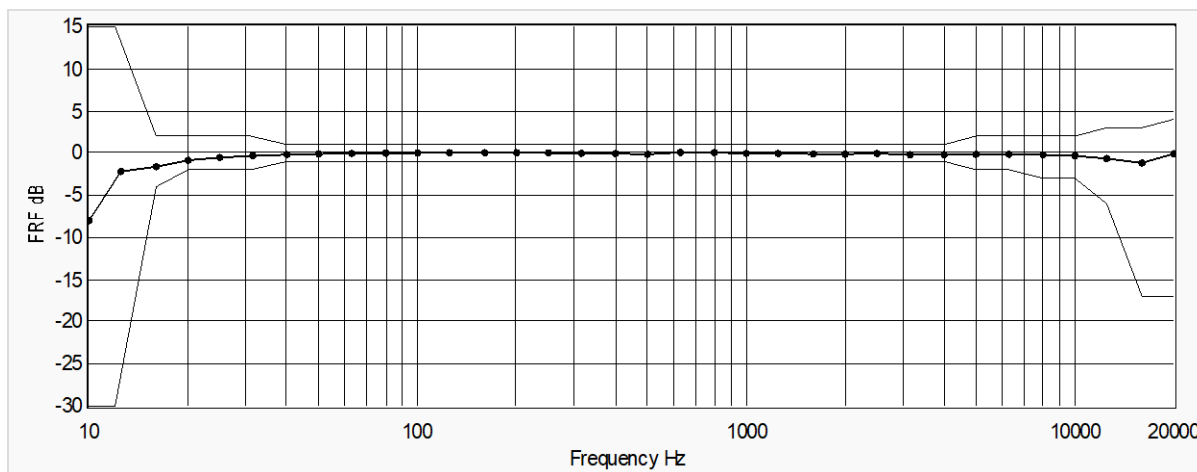
The compact and integrated combination of microphone capsule and preamplifier can be connected to measurement channels with an IEPE supply and calibrated with standard 1/4" sound calibrators.

Certificate of Factory Calibration

1/4" IEPE Free Field Measurement Microphone

Class1 according to IEC 61672

Type : MI19-HS
Serial No. : 1278
Sensitivity : 100.8 mV/Pa | @ 1000 Hz | 23.3 °C | 98.2 kPa | 56 %RH



BSWA full frequency coupler
Reference Microphone BSWA
MTG Kalibrator
ROGA Instruments
Software BSWA
Measurement uncertainty

: CA916
: MP201
: 4010
: Plug.n.DAQ Lite
: VA-Audio
: 0.20 dB

S/N: 540002
S/N: 520324
S/N: 10072
S/N: 353
Ver: 7.0

Calibrated by, 15-Jun-25

Romuald Gawlik
Founder and CEO

