MICROTECH GEFELL

M 380

1/4" Messmikrofon

für Mehrkanal-Anwendungen

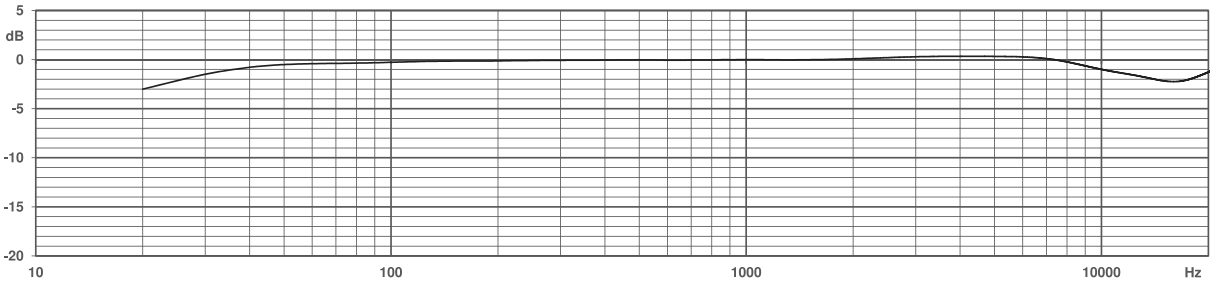
- Freifeld
- 20 Hz bis 20 kHz
- 21 dB(A) bis 135 dB
- IEPE (Microdot)
- Mikrofonversorgung: IEPE
- TEDS nach IEEE 1451

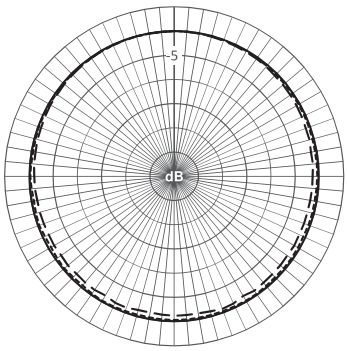
Lieferumfang	Typ	Best.-Nr.
Messmikrofon, im Holzetui	M 380	311155

Optionen und Zubehör	Typ	Best.-Nr.
Mikrofonhalter, drehbar	MH 64.2	312354
Mikrofonhalter	MH 37	302348
Windschutz	W 3	302330
Adapter für Microdot auf BNC	A 37.1	302346
Adapter für Microdot auf SMB	A 37.2	302347
Microdot-Kabel 10-32UNF, 2m lang	C 36.02	302234
Microdot-Kabel 10-32UNF, 5m lang	C 36.05	302235
Microdot-Kabel 10-32UNF, 10m lang	C 36.1	302236
Microdot-Kabel 10-32UNF, 20m lang	C 36.2	302237
Microdot-Kabel auf BNC, 2m lang	C 38.02	302240
Microdot-Kabel auf BNC, 5m lang	C 38.05	302242
Akkreditierte Kalibrierung (Empfindlichkeit, Frequenzgang)	K-MM-FF-PK Kalibrator	451006

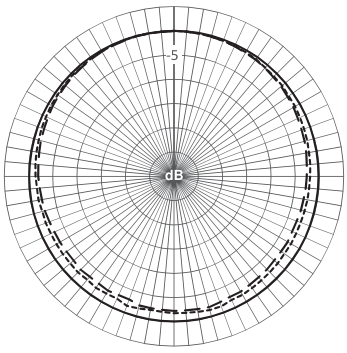
M 380

Bezeichnung	IEC 61672-1	Klasse 1 Frequenzgang
Wandlertyp		Kapazitiver Druckempfänger
Frequenzbereich des Freifeld-Übertragungsmaßes	±3,0 dB	20 Hz bis 20 kHz
Betriebs-Übertragungskoeffizient		37,5 mV/Pa
Betriebs-Übertragungsmaß	re 1 V/Pa	-28,5 dB ± 1,0 dB
Grenzschalldruckpegel für 1% Klirrfaktor bei 1 kHz	Peak	135 dB
	RMS	132 dB
Eigenrauschen		21 dB(A)
Ausgangsimpedanz		<100 Ω
Betriebsstrom		4 mA bis 20 mA
Leerlaufspannung des Speisegerätes		24 V DC bis 30 V DC
Arbeitstemperaturbereich		-20°C bis +70°C
Durchmesser		7 mm ± 0,05 mm
Länge		52 mm
Gewicht		6 g
Steckverbinder		MALCO Microdot 10 - 32UNF - 2A
Speicher für Mikrofonidentifizierung		256-Bit 1-WireTM EEPROM

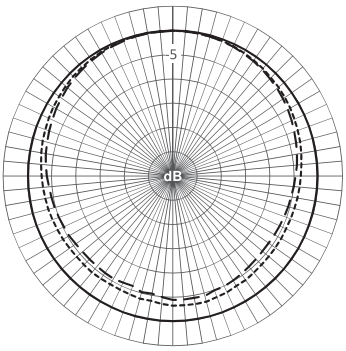




1 kHz 4 kHz 8 kHz



1 kHz 10 kHz 12,5 kHz



1 kHz 16 kHz 20 kHz

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MICROTECH GEFELL

M 380

1/4" microphone

for multi-channel applications

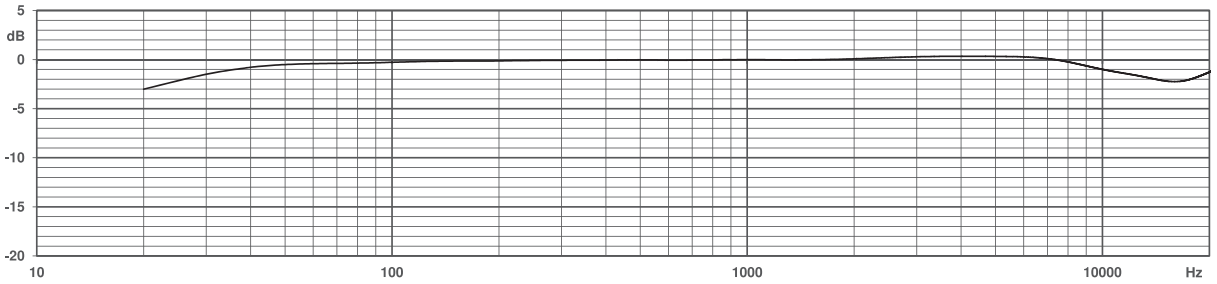
- free-field
- 20 Hz to 20 kHz
- 21 dB(A) to 134 dB
- IEPE (Microdot)
- Microphone power supply: IEPE
- TEDS acc. IEEE 1451

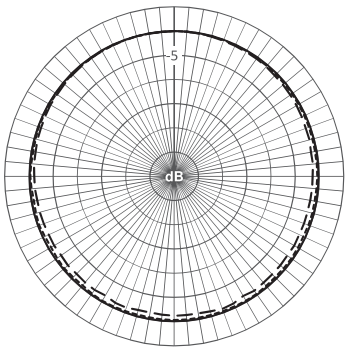
Delivery	Typ	Order-No.
Microphone set, in wooden case 127 mm x 87 mm x 55 mm	M 380	311155

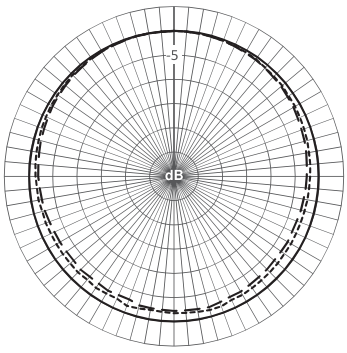
Options and Accessories	Typ	Order-No.
Microphone holder, turnable	MH 64.2	312354
Microphone holder	MH 37	302348
Windscreen	W 3	302330
Adapter for Microdot to BNC	A 37.1	302346
Adapter for Microdot to SMB	A 37.2	302347
Cable Microdot 10-32 UNF, length: 2m	C 36.02	302234
Cable Microdot 10-32 UNF, length: 5m	C 36.05	302235
Cable Microdot 10-32 UNF, length: 10m	C 36.1	302236
Cable Microdot 10-32 UNF, length: 20m	C 36.2	302237
Cable Microdot to BNC, length: 2m	C 38.02	302240
Cable Microdot to BNC, length: 5m	C 38.05	302242
Accredited calibration	K-MM-FF-PK Kalibrator	451006

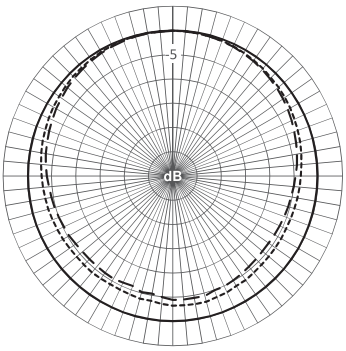
M 380

Designation	IEC 61672-1	Class 1 frequency response
Transducer type		Capacitive pressure transducer
Frequency range zero degree incidence	±3.0 dB	20 Hz to 20 kHz
Sensitivity		37.5 mV/Pa
Sensitivity	re 1 V/Pa	-28.5 dB ± 1.0 dB
Max. SPL for	Peak	135 dB
1% THD at 1 kHz	RMS	132 dB
Inherent noise		21 dB(A)
Output impedance		<100 Ω
Current consumption		4 mA to 20 mA
Power supply		24 V DC to 30 V DC
Temperature range, operation		-20°C to +70°C
Diameter		7 mm ± 0.05 mm
Length		52 mm
Weight		6 g
Plug		MALCO Microdot 10 - 32UNF - 2A
Microphone identify memory		256-Bit 1-WireTM EEPROM









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