



M 380

1/4"

Measurement Microphone

for multi-channel applications

- free-field
- 20 Hz to 20 kHz
- 20 dBA to 122 dB
- IEPE (Microdot)
- Microphone power supply: IEPE
- TEDS acc. IEEE 1451



The 1/4" measurement microphone M 380 has a free-field response and is therefore optimized for correct acoustic measurements under free-field conditions with 0 degree incidence.

The electrical connection is via a Microdot- or BNC cable to devices with IEPE supply. The frequency response of the measurement microphone corresponds to class 1 acc. IEC 61672.

Delivery

Measurement microphone, in wooden case 127 mm x 87 mm x 55 mm	M 380	311155
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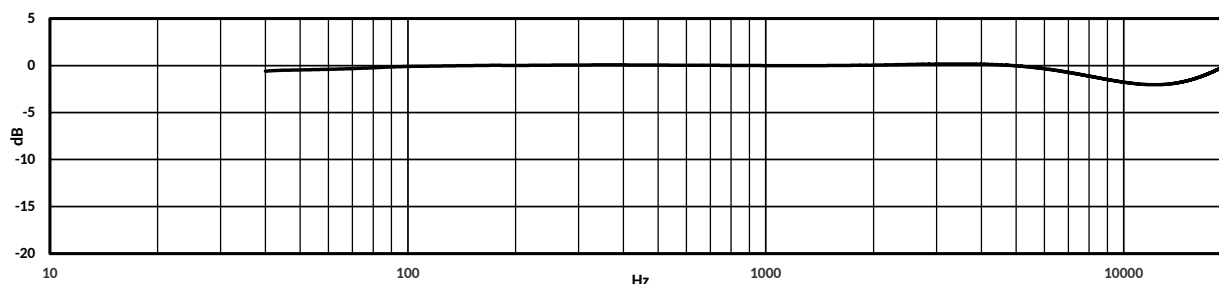
Options and Accessories

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: 2 m	C 36.02	302234
Cable Microdot 10-32 UNF, length: 5 m	C 36.05	302235
Cable Microdot 10-32 UNF, length: 10 m	C 36.1	302236
Cable Microdot 10-32 UNF, length: 20 m	C 36.2	302237
Cable Microdot to BNC, length: 2 m	C 38.02	302240
Cable Microdot to BNC, length: 5 m	C 38.05	302242

Technical Specifications



Transducer type		Capacitive pressure transducer
Frequency range	± 2.0 dB	20 Hz to 20 kHz
zero degree incidence		
Sensitivity		25 mV/Pa
Sensitivity	re 1 V/Pa	-32 dB ± 2 dB
Max. SPL for	Peak	122 dB
3% THD at 1 kHz	RMS	119 dB
Inherent noise		20 dBA
Output impedance		<100 Ohm
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 \pm 0.05 mm
Length		51 mm
Weight		6 g
Plug		MALCO Microdot 10 - 32 UNF - 2 A
Microphone identify memory		256-Bit 1-Wire™ EEPROM



Typical frequency response

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