

## M 42 BL

microphone capsule

for microphone system Generation 4



- condenser microphone
- boundary layer
- small diaphragm capsule
- PE diaphragm
- modular microphone system
- Generation 4

<b>Delivery, Options and Accessories</b>	<b>Typ</b>	<b>Order-No.</b>
Condenser microphone capsule, hemispherical, black matt	M 42 BL	201260
Condenser microphone preamplifier, XLR, black matt	MV 400 X	201312
Condenser microphone preamplifier, LEMO®, black matt	MV 400 L	201313
Weather protected case for one microphone	MC 4.01	702031
Custom color	CO	203002

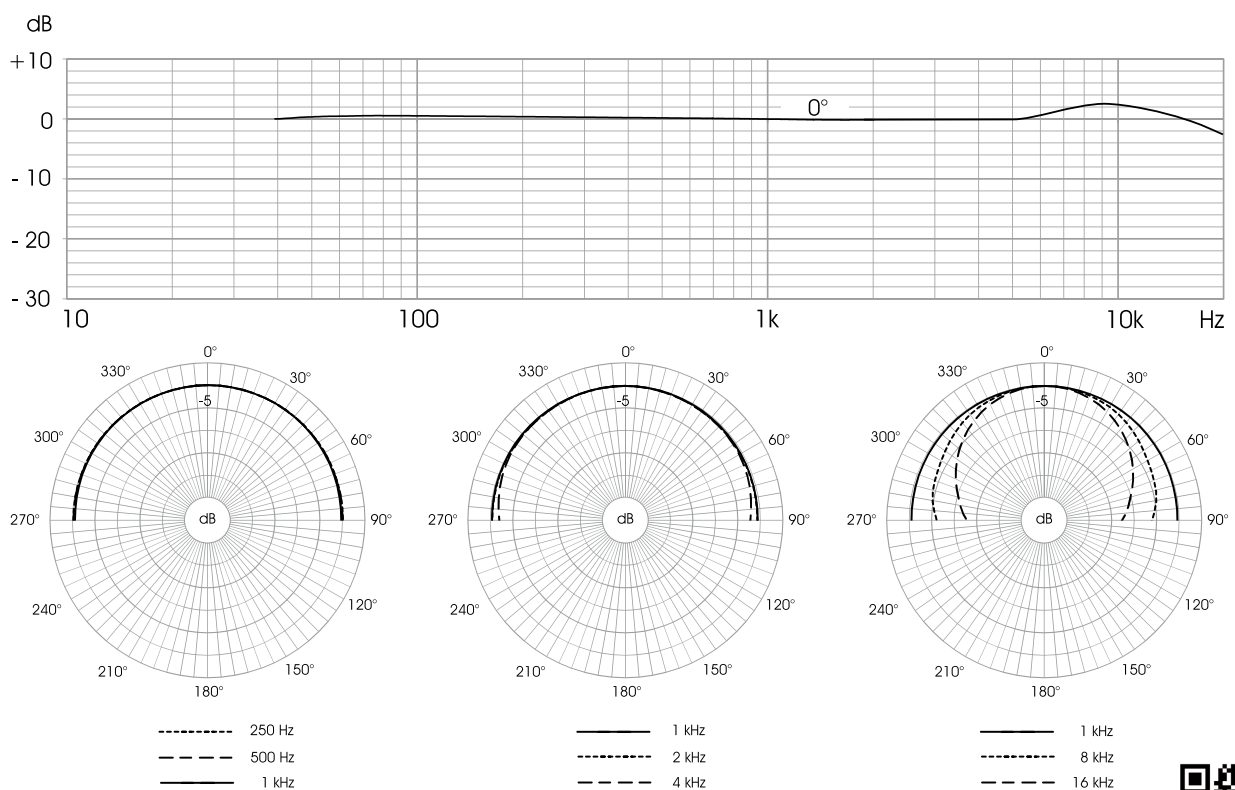
# M 42 BL



Polar pattern		hemispherical
Acoustic operating principle		pressure transducer
Frequency range		20 Hz to 20 kHz
Sensitivity <sup>(1)</sup>	at 1 kHz	15 mV/Pa
Output impedance <sup>(2)</sup>		100 Ohm
Inherent noise <sup>(2)</sup>	IEC 268-4	13 dB(A)
	CCIR 468-4	25 dB
Signal-to-noise ratio <sup>(2)</sup> (re 1 Pa at 1 kHz)	A-weighted	81 dB
	CCIR-weighted	69 dB
Max SPL <sup>(2)</sup>	at 0.5% THD	145 dB
Max output level <sup>(2)</sup> at 0.5% THD	RL = 10 kΩ	18 dBu
	RL = 1 kΩ	17 dBu
Dynamic range <sup>(2)</sup>		132 dB
Current consumption <sup>(2)</sup>	P48, IEC 61938	4 mA
Weight		37 g
Length		26 mm
Diameter		21/35 mm

<sup>(1)</sup> without boundary layer

<sup>(2)</sup> with microphone preamplifier MV 400 X / L



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