

MC 740

Condenser Microphone

Order # 277.029



FEATURES

- Large diaphragm, gold vaporized double membrane
- Five selectable polar patterns
- Elastic transducer suspension system
- Switchable 10 dB attenuator pad and three position low frequency roll-off

APPLICATIONS

Due to 5 switchable polar patterns the MC 740 is a universal studio microphone. It has been designed without compromise to be able to capture every sound detail with absolute clarity and purity. Applications for the MC 740 include recording orchestras as a main microphone resulting in a superb transparent sound. Due to a switchable 2 position roll-off filter and a switchable pre-attenuation the MC 740 is also suitable for close miking of instruments.

SUPPLIED ACCESSORIES

EA 37	Elastic suspension	Order # 452.955
MKV 11	Microphone clamp with 3/8" internal thread, for shaft diameters of 32 - 42 mm	Order # 407.232
ZKK 740-833	Case	Order # 504.580

OPTIONAL ACCESSORIES

BMC 05 FM BLK	Standard microphone cable XLR-XLR, 5 m long	Order # 434.787
BMC 10 FM BLK	Standard microphone cable XLR-XLR, 10 m long	Order # 434.795
MAV 802	Multi-purpose mounting for two microphones	Order # 453.323
PS 740	Popscreen, black	Order # 401.897
WS 740/834	Windscreen, charcoal-grey	Order # 401.994

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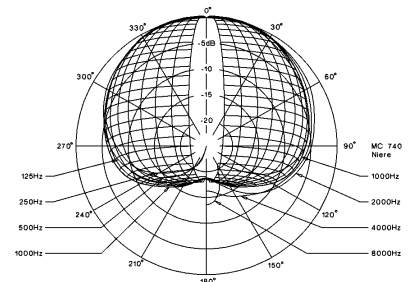
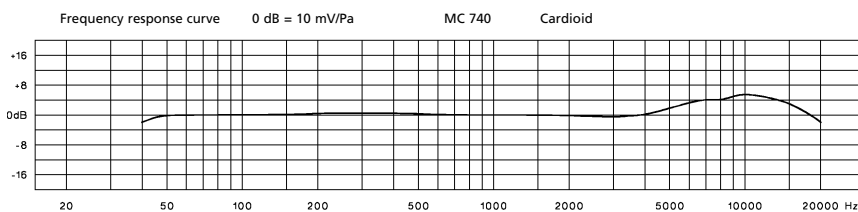
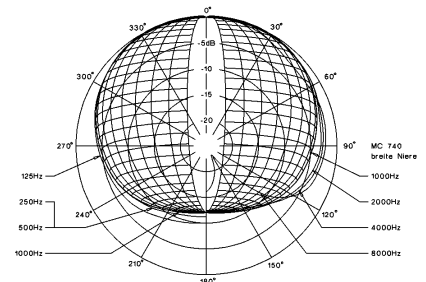
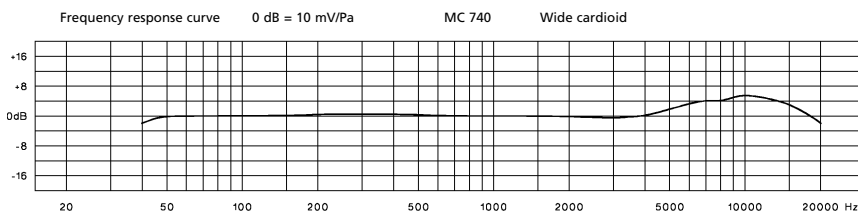
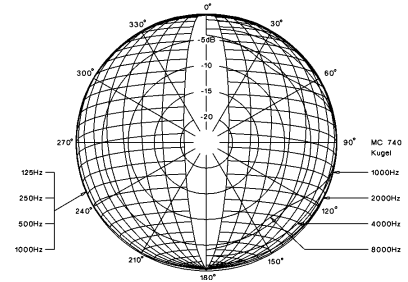
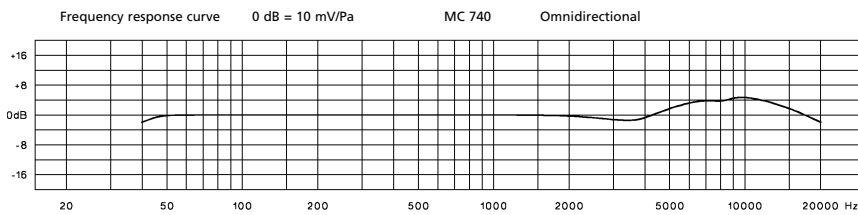
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TECHNICAL SPECIFICATIONS

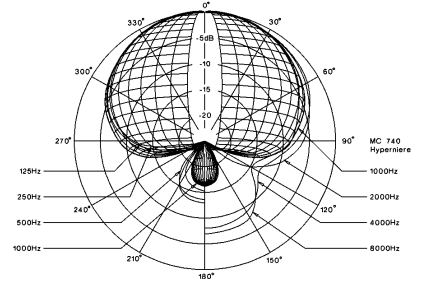
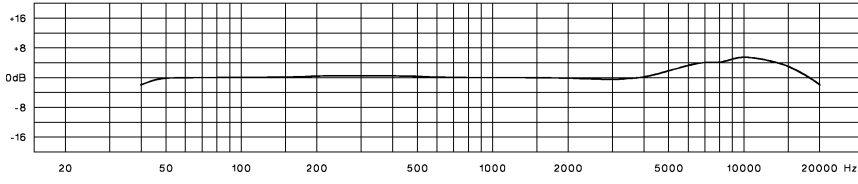
Transducer type	Condenser
Operating principle	Pressure gradient
Frequency response	20 - 20,000 Hz
Polar pattern	Omnidirectional, wide cardioid, cardioid, hypercardioid, figure eight
Open circuit voltage at 1 kHz (0 dB = 1 V/Pa)	10 mV/Pa \pm -40 dBV
Nominal impedance	150 Ω
Load impedance	\geq 1000 Ω
Max. SPL at 1 kHz	134 dB (with pre-attenuation 144 dB)
Signal-to-noise ratio rel. to 1 Pa	approx. 70 dB
A-weighted equivalent SPL	approx. 17 dB
Power supply	48 \pm 4 V phantom power
Current consumption	1.4 mA
Connector	3-pin XLR (MC 740 N(C));
Dimensions	Length: 215 mm Shaft diameter: 37 mm Head diameter: 36 x 55 mm
Weight without cable	390 g

FREQUENCY RESPONSE & POLAR PATTERN

These frequency response curves (measuring tolerance \pm 2.5 dB) and polar patterns correspond to a typical production sample for this microphone.



Frequency response curve 0 dB = 10 mV/Pa MC 740 Hypercardioid



Frequency response curve 0 dB = 10 mV/Pa MC 740 Figure-Eight

