



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.

Using the MC 740 N(C/5) in conjunction with the MSG 740 power supply unit the polar pattern can be controlled remotely. The MSG 740 can power up to two microphones.

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)); 5-pin XLR (MC 740 N(C/5))
Dimensions	Length: 215 mm Shaft diameter: 37 mm Head diameter: 36 x 55 mm
Weight without cable	390 g

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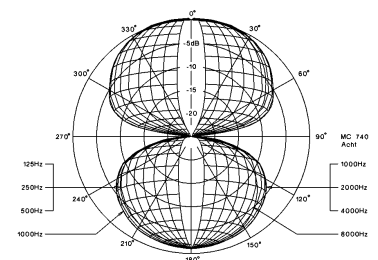
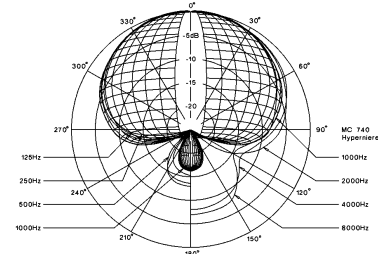
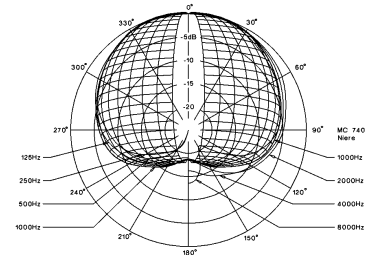
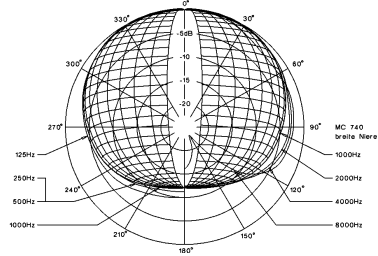
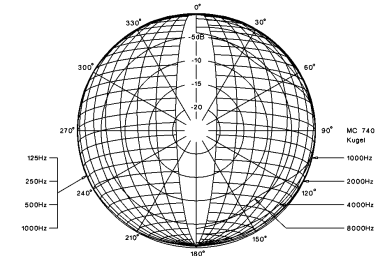
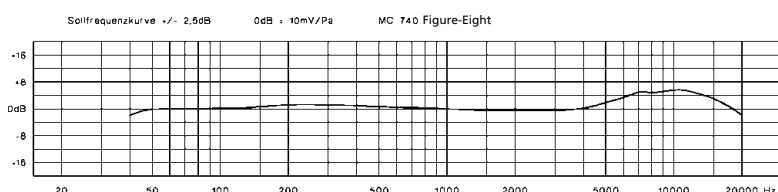
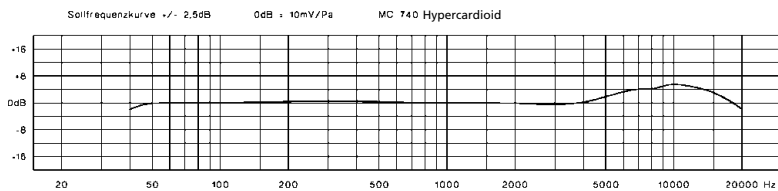
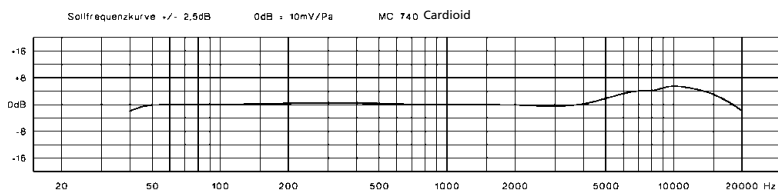
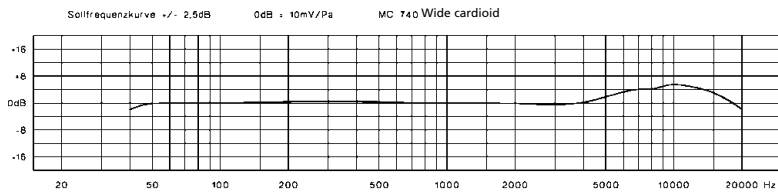
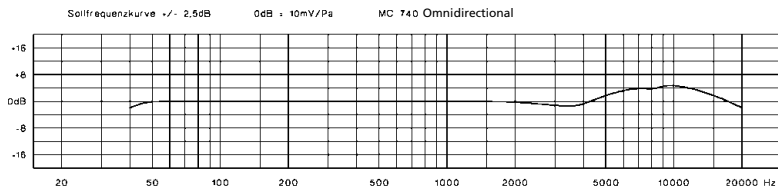
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FREQUENCY RESPONSE & POLAR PATTERN

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



SUPPLIED ACCESSORIES

- Black, padded protective zipper bag
- MKV 11 Microphone clamp with 3/8" thread, for shaft diameters of 32 - 42 mm Order # 407.232
- EA 740 Elastic suspension Order # 278.572

OPTIONAL ACCESSORIES

- Highly flexible cables with industry standard jack and/or XLR connectors
- MSG 740 N(C) Power supply unit for MC 740 for the remote control of the polar patterns Order # 400.572
- PS 740 Popscreen, black Order # 401.897
- WS 740/834 Windscreen, charcoal-grey Order # 401.994

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