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

Germany
Theresienstr. 8
D-74072 Heilbronn
Tel. +49 (0)71 31 / 617-0
Fax +49 (0)71 31 / 617-224
E-mail: info@beyerdynamic.de
Internet: www.beyerdynamic.de

United States
56 Central Ave.
Farmingdale, NY 11735
Tel. +1 (631) 293-3200
Fax +1 (631) 293-3288
E-mail: salesUSA@beyerdynamic.com
Internet: www.beyerdynamic.com

Great Britain
17 Albert Drive
Burgess Hill RH15 9TN
Tel. +44 (0)1444 / 258258
Fax +44 (0)1444 / 258444
E-mail: sales@beyerdynamic.co.uk
Internet: www.beyerdynamic.co.uk
### 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 = -40 dBV

**Nominal impedance**: 150 Ω

**Load impedance**: ≥ 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 ± 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 ± 2.5 dB) and polar patterns correspond to a typical production sample for this microphone.

![Frequency response curves](image)

Photos are non-contractual. Contents subject to change without notice.
Frequency response curve $0 \text{ dB} = 10 \text{ mV/Pa}$

MC 740 Hypercardioid

Frequency response curve $0 \text{ dB} = 10 \text{ mV/Pa}$

MC 740 Figure-Eight

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