



M 88 TG

# M 88

## Hypercardioid Moving Coil Microphone

Version	Order #
M 88 N(C) Dynamic microphone	437.107
M 88 TG TourGroup™ version	437.117

### FEATURES

- Highly defined hypercardioid polar characteristic
- Sensitive, accurate response
- Extended frequency range with rising high end and exceptional bass reproduction
- High SPL handling capability
- Integral -20 dB humbucking filter

### APPLICATIONS

The M 88 offers both a wide frequency response and rugged construction making an ideal combination for many applications. In the studio and live use its high SPL capability allows the microphone to be placed close to loud sound sources such as kick drum and bass guitar. It is also equally impressive as a vocal microphone or for brass and windwood instruments. The TourGroup version (M 88 TG) has a reinforced basket to withstand rough handling when being used for more demanding applications. The M 88 is often used in a broadcast environment as an announcers or EFP microphone.

### TECHNICAL SPECIFICATIONS

Transducer type . . . . .	Dynamic moving coil
Operating principle . . . . .	Pressure gradient
Frequency response . . . . .	30 - 20,000 Hz
Polar pattern . . . . .	Hypercardioid
Rear attenuation at 1 kHz. . . . .	> 23 dB at 120°
Open circuit voltage at 1 kHz (0 dB ± 1 V/Pa) . . . . .	2.3 mV/Pa ± -53 dBV
Magnetic field suppression . . . . .	> 20 dB ± 50 Hz
Nominal impedance. . . . .	200 Ω
Load impedance. . . . .	≥ 1000 Ω
Diaphragm . . . . .	Hostaphan®
Casing . . . . .	Brass
Connection. . . . .	3-pin XLR male
Dimensions. . . . .	Length: 181 mm Shaft diameter: 25.5 mm Head diameter: 48.5 mm
Weight w/out cable. . . . .	320 g

**Germany**  
Theresienstr. 8  
74072 Heilbronn  
Tel. (071 31) 617-0  
Fax (071 31) 617-224  
E-mail: info@beyerdynamic.de  
Internet: www.beyerdynamic.de

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

**Great Britain**  
17 Albert Drive  
Burgess Hill RH15 9TN  
Tel. (01444) 258 258  
Fax (01444) 258 444  
E-mail: sales@beyerdynamic.co.uk  
Internet: www.beyerdynamic.de



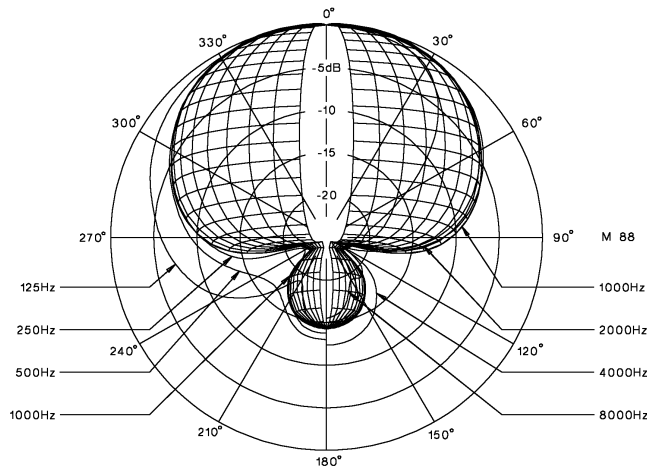
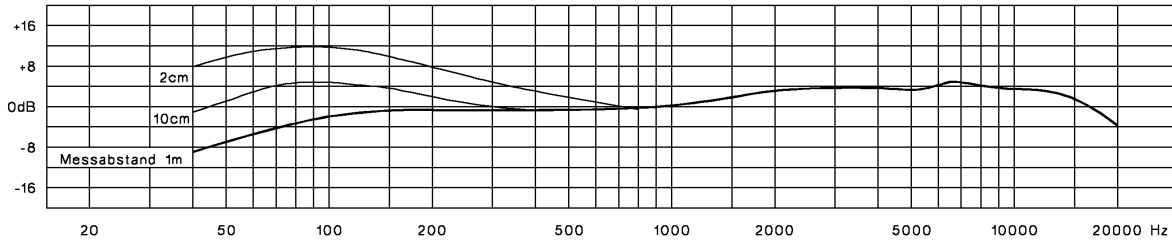
## FREQUENCY RESPONSE & POLAR PATTERN

This polar pattern and frequency response curve (measuring distance 1 m) correspond to typical production run specifications for this microphone.

Frequency response  $\pm 2.5$  dB

0 dB  $\triangleq$  2,3 mV/Pa

M 88



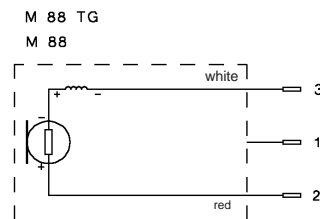
## MEASUREMENTS

In millimetres (inches in brackets)



## WIRING DIAGRAM

Positive pressure produces positive voltage on red lead (+).



## SUPPLIED ACCESSORIES

Black, padded protective zipper bag

MKV 8 Microphone clamp with 3/8" internal thread,  
for shaft diameters of 22 - 32 mm. . . . . Order # 407.216

## OPTIONAL ACCESSORIES

Highly flexible cables with industry standard jack and XLR connectors

MKV 6 Microphone clamp (clothes peg style clip) for shaft diameters of 19 - 32 mm. . . Order # 407.208

PS 88 Popscreen, charcoal-grey . . . . . Order # 111.414

WS 59 Windshield, charcoal-grey . . . . . Order # 419.087

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