



M 88

Hypercardioid Moving Coil Microphone



beyerdynamic

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

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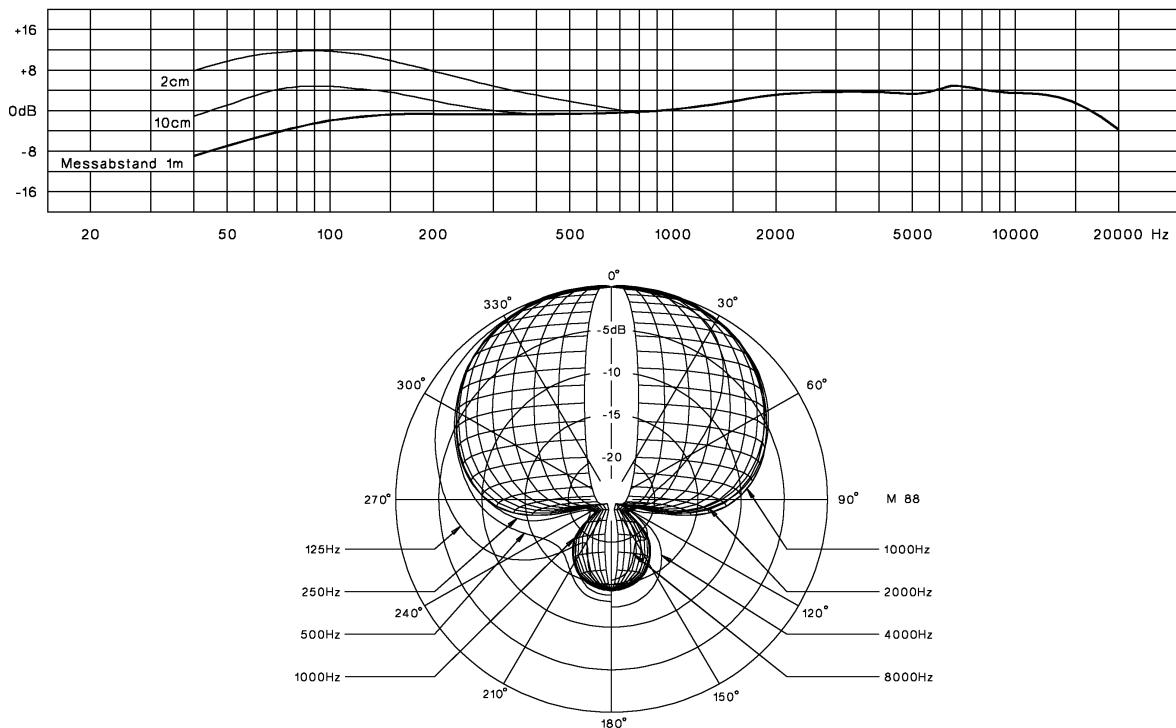
FREQUENCY RESPONSE & POLAR PATTERN

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

Frequency response ± 2.5 dB

0 dB $\hat{=}$ 2,3 mV/Pa

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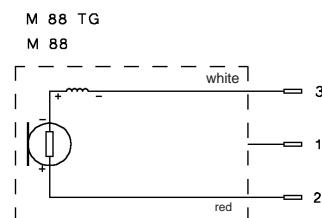
MEASUREMENTS

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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