

# M 88

Dynamic Microphone

Order # 437.115



## 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 (when using with a kick drum, an additional wind shield such as WS 59 or PS 88 has to be used). It is also equally impressive as a vocal microphone or for brass and windwood instruments.

The M 88 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.

## SUPPLIED ACCESSORIES

MKV 8	Microphone clamp with 3/8" and 5/8" internal thread, for shaft diameters of 22 - 32 mm . . . . . Order # 407.216
-------	--

## TECHNICAL SPECIFICATIONS

Transducer type . . . . .	Dynamic
Operating principle . . . . .	Pressure gradient
Polar pattern . . . . .	Hypercardioid
Frequency response . . . . .	30 - 20,000 Hz
Rear attenuation at 1 kHz . . . . .	> 23 dB at 120°
Open circuit voltage . . . . .	2.9 mV/Pa (-51 dBV)
Magnetic field suppression . . . . .	> 20 dB at 50 Hz
Nominal impedance . . . . .	200 Ω
Load impedance . . . . .	≥ 1000 Ω
Diaphragm . . . . .	Hostaphan®
Casing . . . . .	Brass
Connection . . . . .	XLR, 3-pin, male
Dimensions:	
Length . . . . .	181 mm
Shaft diameter . . . . .	25.5 mm
Head diameter . . . . .	48.5 mm
Weight . . . . .	320 g

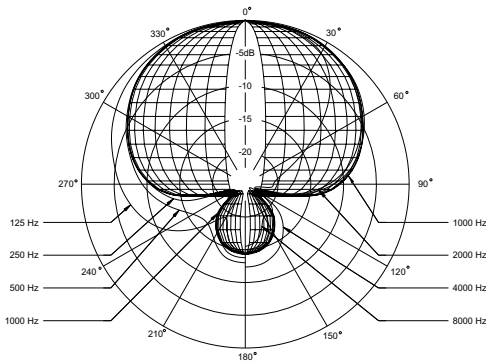
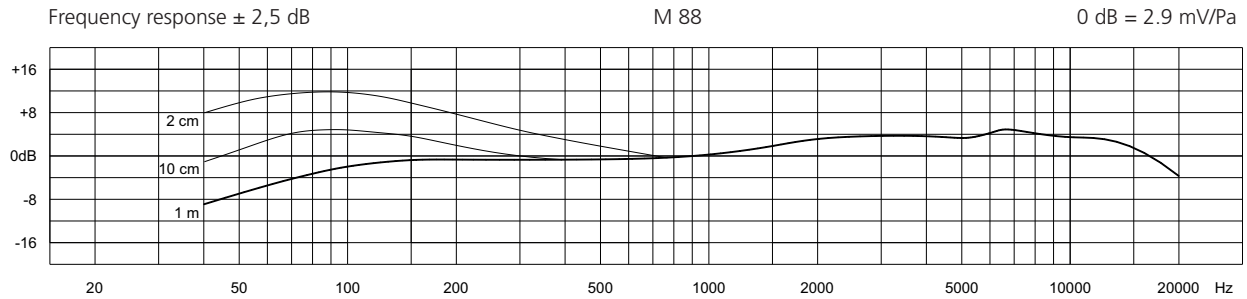
## OPTIONAL ACCESSORIES

BMC 05 FM	Standard microphone cable XLR-XLR, 5 m long . . . . . Order # 434.787
BMC 10 FM	Standard microphone cable XLR-XLR, 10 m long . . . . . Order # 434.795
GST 500	Microphone stand 3/8", height 0.85-1.60 m, with telescopic boom . . . . . Order # 406.252
GST 590	Microphone stand 3/8", height 0.34-0.60 m, with telescopic boom . . . . . Order # 418.765
PS 88	Pop shield, charcoal-grey . . . . . Order # 111.414
WS 59 AZ	Wind shield, charcoal-grey . . . . . Order # 419.087

# M 88

## FREQUENCY RESPONSE & POLAR PATTERN

This polar pattern and frequency response curve (measuring tolerance  $\pm 2.5$  dB) correspond to a typical production sample for this microphone.



## WIRING DIAGRAM

Polarity: Positive pressure produces positive voltage on red lead (pin 2).

