

Opus 89 Dynamic Microphone

Order # 481.874



FEATURES

- Hypercardioid polar pattern
- High volume before feedback
- Vocal tailored frequency response
- Rugged construction to withstand touring damage
- Shock absorbing rubber ring
- Shock-mount system

APPLICATIONS

The Opus 89 is designed for close miking vocals especially in Rock, Pop, Rhythm and Blues and Hip Hop. The integrated bass equalisation enables a powerful sound without overemphasizing the bass. The hypercardioid polar pattern ensures maximum volume and a very high gain before feedback. The Opus 89 can be used as handheld or on a stand with the supplied microphone clamp.

SUPPLIED ACCESSORY

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

OPTIONAL ACCESSORIES

BMC 05 FM BK Standard XLR-XLR microphone cable, length 5 m Order # 434.787
BMC 10 FM BK Standard XLR-XLR microphone cable, length 10 m Order # 434.795
GST 500 Microphone stand, 3/8", height 0.85 - 1.60 m, with telescopic G 500 boom . . . Order # 406.252
PS 60/80 Popscreen, charcoal-grey Order # 437.980

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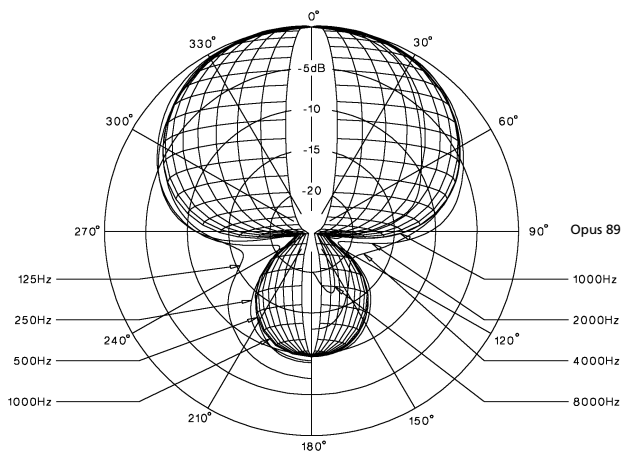
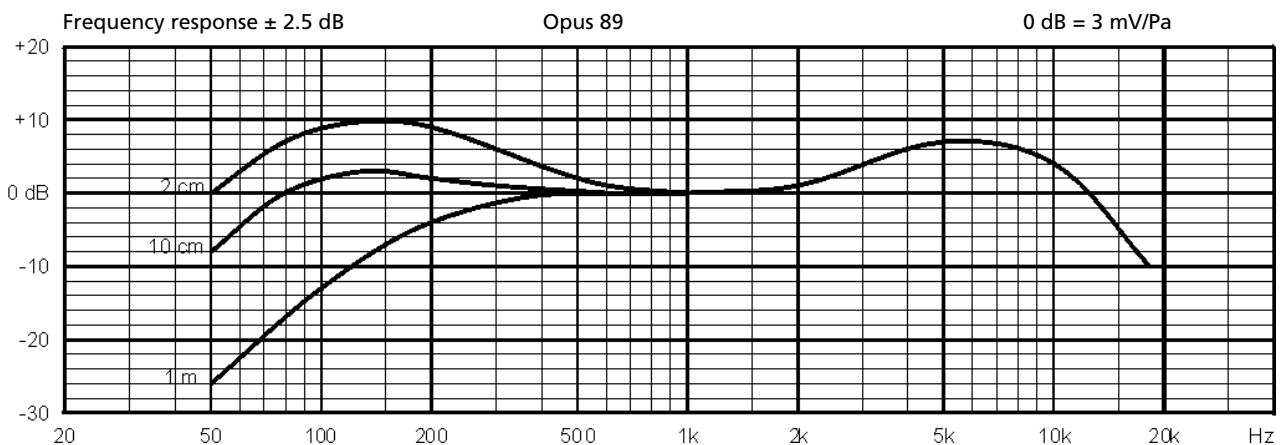
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TECHNICAL SPECIFICATIONS

Transducer type	Dynamic	
Operating principle	Pressure gradient	
Frequency response		
Close miking	35 - 18,000 Hz	
Distant miking	125 - 18,000 Hz (measured at 1 metre)	
Polar pattern	Hypercardioid	
Rear attenuation at 1 kHz	> 25 dB at 110°	
Open circuit voltage		
at 1 kHz (0 dB = 1V/Pa)	3 mV/Pa = -50 dB	
Magnetic field suppression	> 20 dB at 50 Hz	
Nominal output impedance	280 Ω	
Load impedance	≥ 1000 Ω	
Diaphragm	Macrolon®	
Case/finish	Die casting, black mat	
Connection	3-pin XLR male	
Dimensions	Length:	205 mm
	Head diameter:	50 mm
Weight without cable	345 g	

FREQUENCY RESPONSE & POLAR PATTERN

This polar pattern and frequency response curve (measuring distance ± 2.5 dB) correspond to a typical production sample for this microphone.



WIRING DIAGRAM

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

Opus 89

