

## Opus 39 Dynamic Microphone



### FEATURES

- Supercardioid polar pattern
- Excellent isolation from unwanted sound
- Flat, wide range frequency response for uncoloured sound reproduction
- Rugged construction

### APPLICATIONS

The Opus 39 is a high quality dynamic vocal microphone recommended for hand-held or stand-mounted use by gigging vocalists. It features extremely high gain-before-feedback characteristics, and its ability to withstand high sound pressure levels make it suitable for close miking of musical instruments or speaker cabinets.

### VERSIONS

Opus 39	Dynamic microphone, supercardioid, incl. MKV 8 mic clamp . . . . .	Order # 463.426
Opus 39 S	same as above, but with ON/OFF-switch . . . . .	Order # 463.434

### SUPPLIED ACCESSORIES

MKV 108	Microphone clamp for stands with 3/8" or 5/8" thread . . . . .	Order # 465.429
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### OPTIONAL ACCESSORIES

GST 400	Microphone stand 3/8", height 0.90-1.65 m with G 400 boom . . . . .	Order # 421.294
GST 500	Microphone stand 3/8", height 0.80-1.60 m with extensible G 500 boom. . . . .	Order # 406.252
PS 20/40	Pop screen, charcoal-grey . . . . .	Order # 437.972
BMC 05 FM BLK	Microphone cable XLR-XLR, length 5 m . . . . .	Order # 434.787
BMC 10 FM BLK	Microphone cable XLR-XLR, length 10 m . . . . .	Order # 434.795
SMC 05 FJ BLK	Microphone cable XLR-Jack, length 5 m . . . . .	Order # 434.809
SMC 10 FJ BLK	Microphone cable XLR-Jack, length 10 m . . . . .	Order # 434.817

#### Germany

Theresienstr. 8  
D-74072 Heilbronn  
Tel. +49 (0)71 31 / 6 17-0  
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 / 258 258  
Fax +44 (0)1444 / 258 444  
E-mail: sales@beyerdynamic.co.uk  
Internet: www.beyerdynamic.co.uk

## TECHNICAL SPECIFICATIONS

Transducer type .....	Dynamic
Operating principle .....	Pressure gradient
Frequency response:	
Close miking .....	50 - 16,000 Hz
Distant miking .....	100 - 14,000 Hz (measured at 1 m)
Polar pattern .....	Supercardioid
Rear attenuation at 1 kHz .....	> 20 dB at 135°
Open circuit voltage at 1 kHz .....	2.4 mV/Pa
Nominal impedance .....	600 Ω
Load impedance .....	1 kΩ
Connection .....	3-pin XLR male
Dimensions .....	Length: 179 mm
	Shaft diameter: 25/33 mm
	Head diameter: 45 mm
Weight without cable .....	310 g

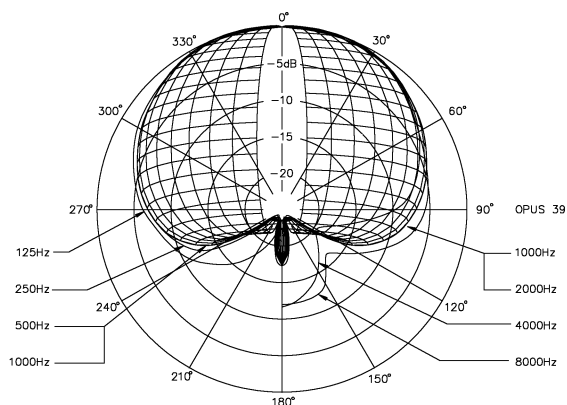
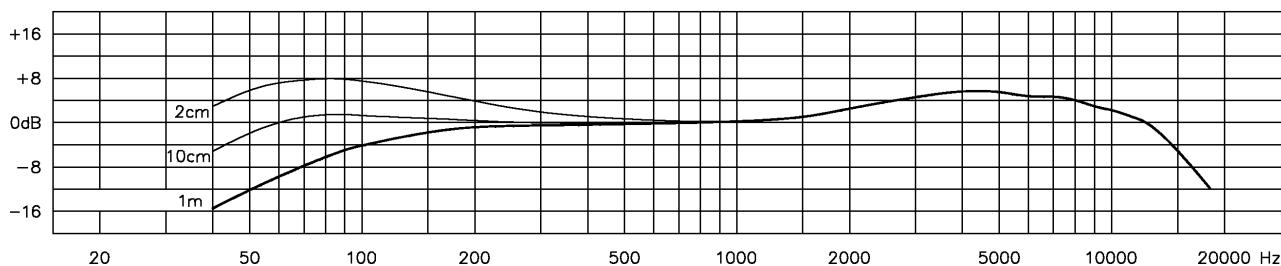
## FREQUENCY RESPONSE & POLAR PATTERN

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

Frequency response  $\pm 2.5$  dB

0 dB  $\triangleq$  2.4 mV/Pa

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## WIRING DIAGRAM

Positive pressure produces positive voltage on pin 2.

