

Opus 69 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 69 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 69	Dynamic microphone, supercardioid	Order # 455.350
Opus 69 S	same as above, but with ON/OFF switch.	Order # 457.205

SUPPLIED ACCESSORIES

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

BMC 05 FM BLK	Microphone cable XLR-XLR, 5 m long.	Order # 434.787
BMC 10 FM BLK	Microphone cable XLR-XLR, 10 m long.	Order # 434.795
SMC 05 FJ BLK	Microphone cable XLR-Jack, 5 m long	Order # 434.809
SMC 10 FJ BLK	Microphone cable XLR-Jack, 10 m long	Order # 434.817
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 0.85 - 1.60 m, with telescopic G 500 boom	Order # 406.252
PS 20/40	Pop screen, charcoal-grey	Order # 437.972

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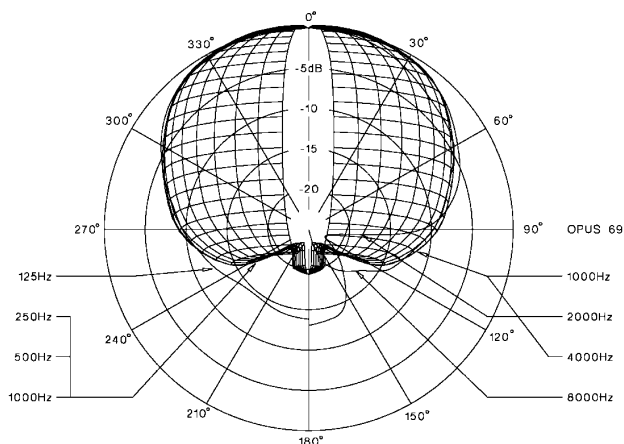
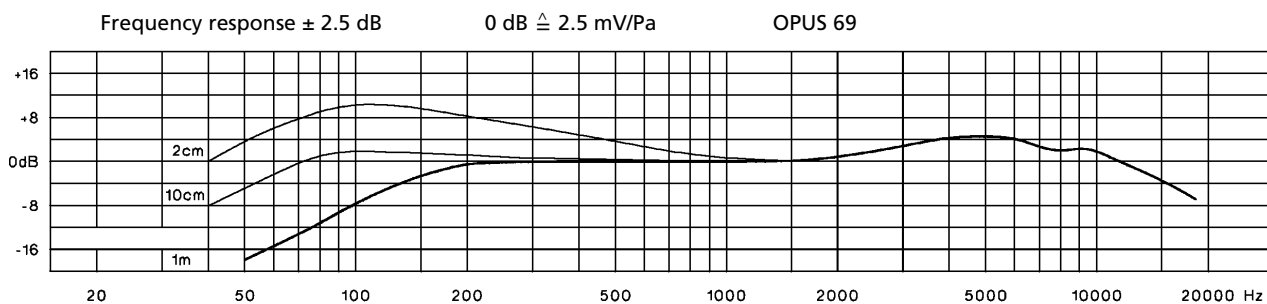
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TECHNICAL SPECIFICATIONS

Transducer type	Dynamic		
Operating principle	Pressure gradient		
Frequency response			
Close miking	35 - 16,000 Hz		
Distant miking	95 - 14,000 Hz (measured at 1 metre)		
Polar pattern	Supercardioid		
Rear attenuation at 1 kHz	> 22 dB at 140°		
Open circuit voltage			
at 1 kHz (0 dB = 1V/Pa)	2.5 mV/Pa \pm 1,5 dB $\hat{=}$ -52 dBV		
Magnetic field suppression	> 20 dB at 50 Hz		
Nominal output impedance	290 Ω		
Load impedance	\geq 1000 Ω		
Diaphragm	Hostaphan®		
Connection	3-pin XLR male		
Dimensions	Length:	180 mm	
	Shaft diameter:	25/31mm	
	Head diameter:	45 mm	
Weight without cable	320 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.



WIRING DIAGRAM

Positive pressure produces positive voltage on red lead / pin 2 (+).

