



OPUS 69

HIGH PERFORMANCE MICROPHONE

beyerdynamic

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.

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 ± 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: 25/31 mm Head diameter: 45 mm
Weight without cable	320 g

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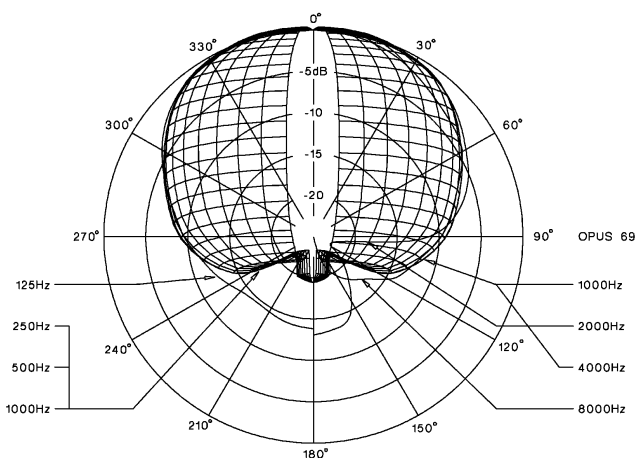
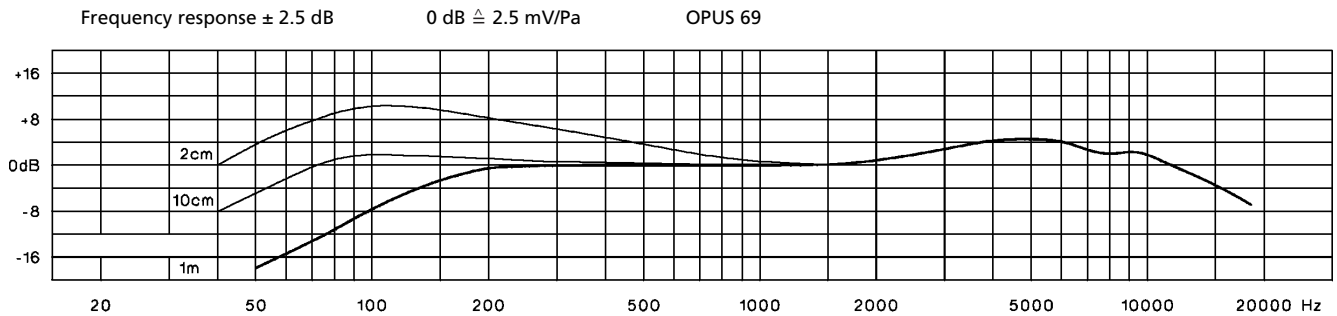
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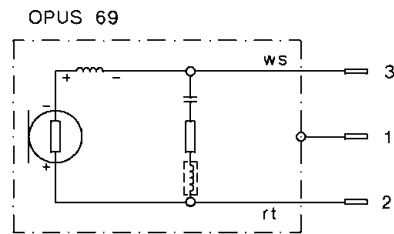
FREQUENCY RESPONSE & POLAR PATTERN

This polar pattern and frequency response curve (measuring distance ± 2.5 dB) correspond to typical machine run specifications for this microphone.



WIRING DIAGRAM

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



SUPPLIED ACCESSORIES

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

OPTIONAL ACCESSORIES

GST 500 Microphone stand, 3/8", height 0.85 - 1.60 m, with telescopic G 500 boom Order # 406.252
 PS 40 Popscreen, charcoal-grey Order # 437.972

VERSIONS

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