

## Opus 65 Dynamic Microphone

Order # 455.342



### FEATURES

- Hypercardioid polar pattern
- High SPL capability
- Exceptional gain-before-feedback
- Superb transient response
- Rugged construction

### APPLICATIONS

The Opus 65 has been designed primarily for close miking of the kick drum, but is also eminently suitable for floor toms bass drum etc.and, with its inherent ability to withstand extremely high sound pressure levels, can also be used for close miking of musical instruments or speaker cabinets.

### SUPPLIED ACCESSORIES

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

### 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 590      Microphone stand, 3/8", with G 500 boom,  
height 34 - 60 cm, e.g. for drums . . . . . Order # 418.781

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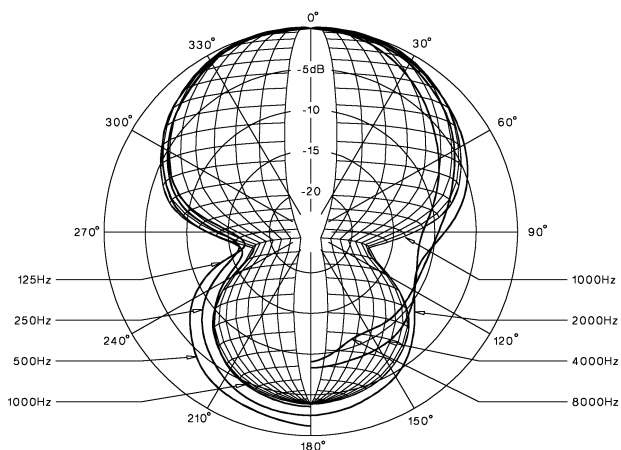
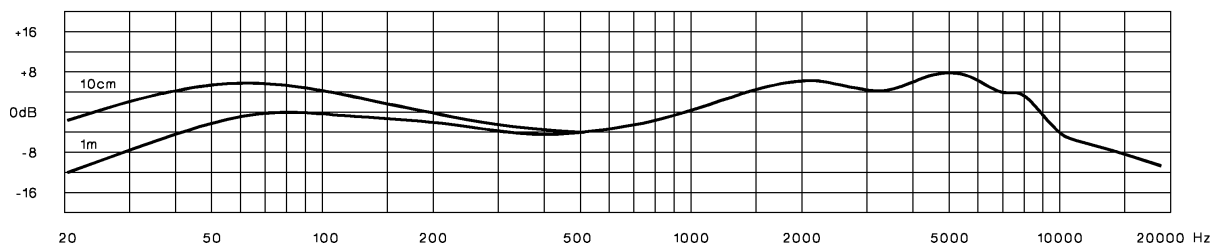
## TECHNICAL SPECIFICATIONS

Transducer type	Dynamic	
Operating principle	Pressure gradient	
Frequency response:		
Close miking	15 - 18,000 Hz	
Distant miking	40 - 16,000 Hz (measured at 1 metre)	
Polar pattern	Hypercardioid	
Side attenuation		
at 110° (1 kHz)	> 25 dB	
Open circuit voltage		
at 1 kHz	2 mV/Pa	
Magnetic field suspension	> 20 dB at 50 Hz	
Nominal output impedance	280 Ω	
Load impedance	≥ 1 kΩ	
Male connector	3-pin XLR	
Dimensions	Length: 107 mm	
	Shaft diameter: 29/24 mm	
	Head diameter: 66/60 mm	
Weight without cable	380 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.

Frequency response curve ± 2.5 dB 0 dB = 2 mV/Pa



## WIRING DIAGRAM

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

