

## Opus 87 Condenser Microphone

Order # 459.348



### FEATURES

- Patented microphone clamp with integrated pre-amp
- Functional design
- Cardioid polar pattern for high-gain-before feedback
- Rugged construction

### APPLICATIONS

The Opus 87 is a superb condenser microphone (back electret) for miking drums. The microphone clamp with integrated pre-amp is an absolute innovation. The microphone capsule is mounted on short gooseneck allowing optimum positioning. For connection the Opus 87 is equipped with a 3-pin XLR-plug.

The microphone clamp is also available without pre-amp as MKV 87 with an integrated 3/8" thread.

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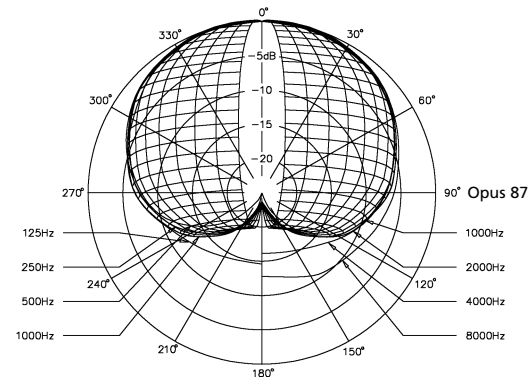
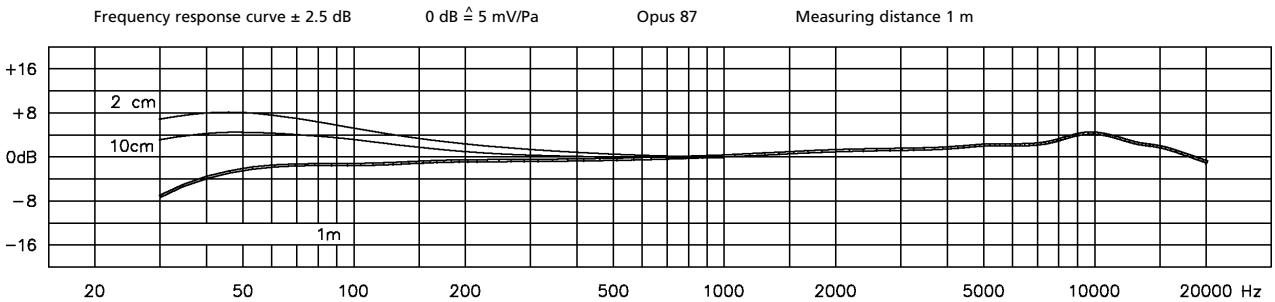
# TECHNICAL SPECIFICATIONS

(measured at 48 V phantom power)

Transducer type	Condenser (back electret)
Operating principle	Pressure gradient
Frequency response	30 - 20,000 Hz
Polar pattern	Cardioid
Open circuit voltage	5 mV/Pa = -46 dBm
Nominal impedance	200 Ω
Load impedance	> 1 kΩ
Max. SPL at f = 1 kHz	136 dB (at 48 V phantom power) 126 dB (at 12 V phantom power)
S/N ratio	64 dB
A-weighted equivalent SPL	22 dB
Supply voltage	12 - 48 V phantom (recommended phantom power: 48 V)
Current consumption	< 6 mA
Connection	3-pin XLR, male
Dimensions	
Clamp (W x H)	85 x 102 mm
Gooseneck length	72 mm
Weight incl. clamp	approx. 145 g

# FREQUENCY RESPONSE & POLAR PATTERN

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



# WIRING DIAGRAM

OPUS 87

