

## Opus 53 Condenser Microphone

Order # 460.303



### FEATURES

- Cardioid polar pattern
- High SPL capability
- Plastic casing strengthened with carbon fibres
- Rugged construction
- Slim design

### APPLICATIONS

The Opus 53 is a high-quality condenser microphone at a reasonable price. It consists of a lightweight, but rugged, plastic casing strengthened with carbon fibres. Its small and short design allow flexible and unobtrusive positioning. The frequency response has been optimised for universal miking of instruments. In particular it is suitable for miking drums such as snare or hi-hat. But it is also a great microphone for miking brass and woodwind instruments as well as guitars and other string instruments.

### SUPPLIED ACCESSORY

MKV 109      Microphone clamp for shaft 19 - 21 mm . . . . . Order # 466.824

### OPTIONAL ACCESSORIES

BMC 05 FM BLK    Standard microphone cable XLR-XLR, 5 m long . . . . . Order # 434.787  
BMC 10 FM BLK    Standard microphone cable XLR-XLR, 10 m long . . . . . Order # 434.795  
SMC 05 FJ BLK    Standard microphone cable XLR-Jack, 5 m long . . . . . Order # 434.809  
SMC 10 FJ BLK    Standard microphone cable XLR-Jack, 10 m long . . . . . Order # 434.817

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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 $\hat{=}$ -46 dBV
Nominal impedance	200 $\Omega$
Load impedance	> 1 k $\Omega$
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 plug, male
Weight	36 g

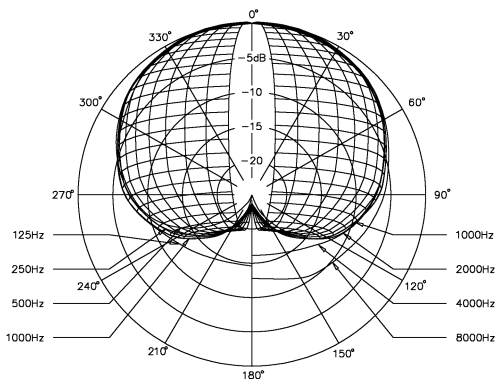
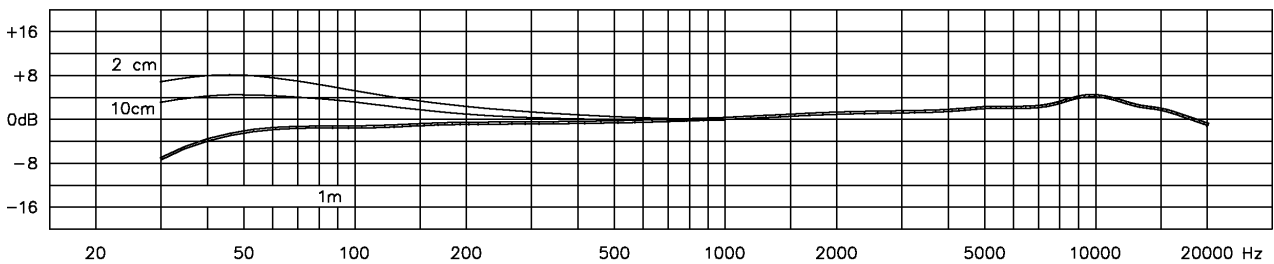
## FREQUENCY RESPONSE & POLAR PATTERN

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

Frequency response curve  $\pm 2.5$  dB

0 dB = 5 mV/Pa

Opus 53



## WIRING DIAGRAM

