

# M 160

## Dynamic Double-Ribbon Microphone

Order # 730.165



### FEATURES

- Dynamic double-ribbon microphone
- Hypercardioid polar pattern
- Warm and silky sound
- High impulse fidelity and good transient response
- Handcrafted in Germany

### APPLICATION

The M 160 impresses with its flexible application options. In addition to drum and amp miking, the wide frequency response and fine-detailing sound also comes into effect on acoustic guitars, brass instruments and string instruments.

A special feature of the M 160 is its polar pattern. Due to its hypercardioid polar pattern, which is unusual for ribbon microphones, the M 160 is less susceptible to ambient noise, as it reduces background noise by 25 dB at 110° and also picks up less sound from behind. This makes it ideal primarily for the studio, but also on stage.

Together with the M 130 double-ribbon microphone (polar pattern: figure-eight), the M 160 can be used for M/S miking.

### TECHNICAL SPECIFICATIONS

Transducer type	Dynamic
Operating principle	Pressure gradient
Frequency response	40 - 18,000 Hz
Polar pattern	Hypercardioid
Rear attenuation at 1 kHz	> 25 dB at 110°
Sensitivity (0 dB = 1 V/Pa)	1.0 mV/Pa (= -60 dBV)
Nominal impedance	200 Ω
Load impedance	≥ 1000 Ω
Diaphragm	Pure aluminium
Case/finish	Brass
Connector	XLR, 3-pin, male
Dimensions:	
Length	164 mm
Shaft diameter	23 mm
Head diameter	38 mm
Weight	192 g

### SUPPLIED ACCESSORY

MA-CL 25	Microphone clamp with 3/8" internal thread, with internal diameter of 25 mm	Order # 727.954
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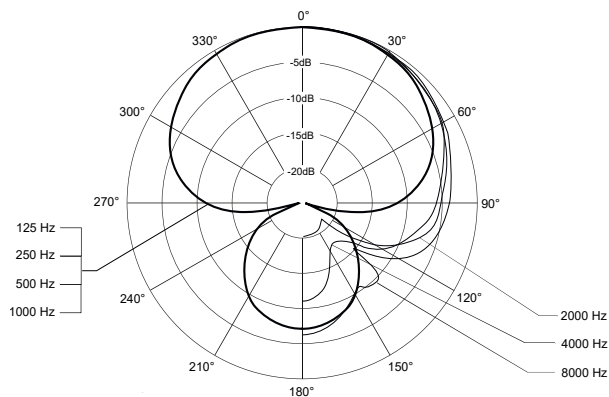
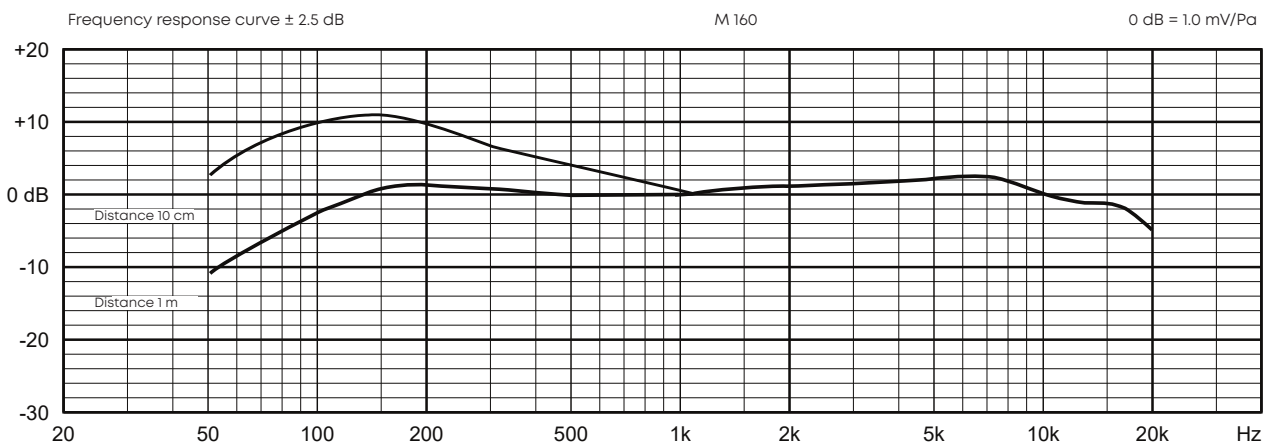
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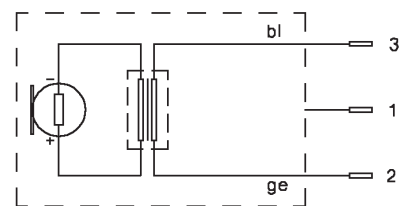
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### FREQUENCY RESPONSE & POLAR PATTERN

This polar pattern and frequency response curve correspond to a typical production sample for this microphone.



### WIRING DIAGRAM



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