

M 160

Dynamic Microphone

Order # 100.668



FEATURES

- Unique double ribbon microphone transducer
- Hypercardioid polar pattern
- Extended frequency response
- Characteristically warm and natural sound

APPLICATIONS

The M 160 is an outstanding broadcast announcer's microphone which is also effective for all types of remote and in-studio voice reproduction. In the recording studio, the M 160 is recommended as an overhead drum mic, for miking pianos, violins, saxophone and for vocals.

The non-glare black surface of the M 160 and its small dimension allow the unobtrusive use in TV or film studios. In conjunction with the M 130 dynamic double ribbon microphone the M 160 is ideal for stereo recordings in MS technique.

SUPPLIED ACCESSORIES

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

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
GST 400 Microphone stand, 3/8", height 0.90 - 1.65 m, with G 400 boom Order # 421.308
GST 500 Microphone stand, 3/8", height 0.85 - 1.60 m, with telescopic G 500 boom Order # 406.252
PS 260 Popscreen, charcoal-grey Order # 133.604
WS 260 Windscreen, charcoal-grey Order # 111.309

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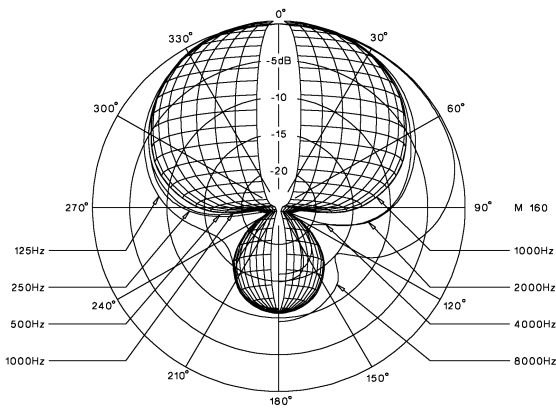
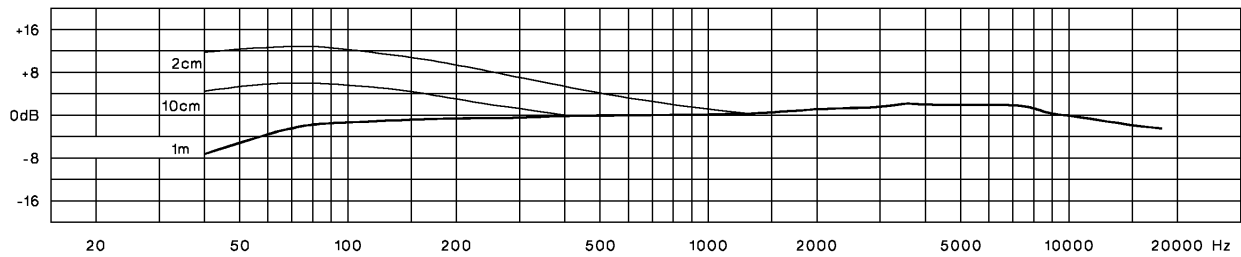
TECHNICAL SPECIFICATIONS

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°	
Open circuit voltage at 1 kHz (0 dB = 1 V/Pa)	1.0 mV/Pa $\hat{=}$ -60 dBV	
Nominal impedance	200 Ω	
Load impedance	\geq 1000 Ω	
Diaphragm	Pure aluminium	
Case/finish	Brass	
Connector	3-pin XLR male	
Dimensions	Length:	156 mm
	Shaft diameter:	23 mm
	Head diameter:	38 mm
Weight without cable	156 g	

FREQUENCY RESPONSE & POLAR PATTERN

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

Frequency response curve ± 2.5 dB 0 dB = 1.0 mV/PA



WIRING DIAGRAM

