

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

EA 19/25 Elastic suspension for shaft
diameter of 19 - 25 mm,
with MKV 11 microphone
clamp Order # 407.194

GST 500 Microphone stand, 3/8",
height 0.85 - 1.60 m,
with telescopic G 500 boom. Order # 406.252

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 XLR, 3-pin, male

Dimensions:

Length 156 mm

Shaft diameter 23 mm

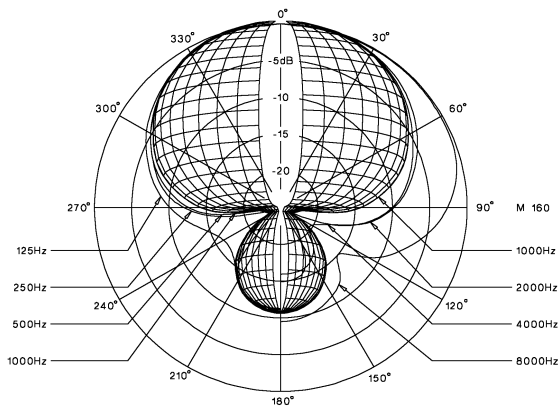
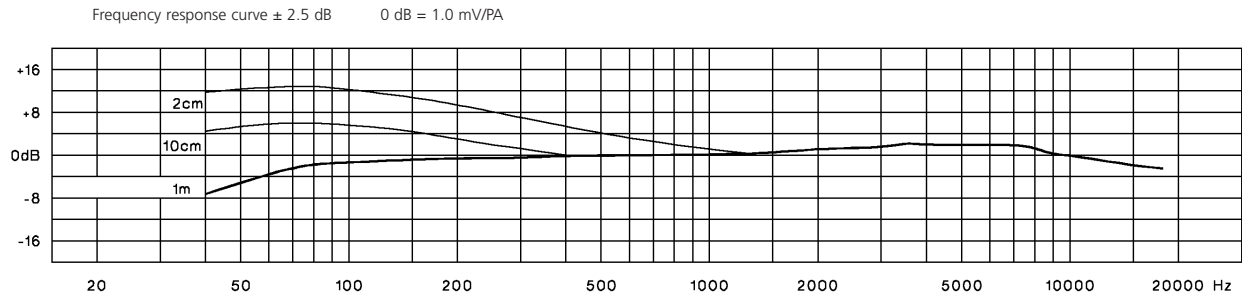
Head diameter 38 mm

Weight without cable 156 g

M 160

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.



WIRING DIAGRAM

