

M 58

Dynamic Microphone

Order # 403.660



FEATURES

- High output moving coil transducer
- Internal shockmount reduces handling noise
- Extended frequency response with rising high-end for maximum intelligibility
- Rugged construction
- Non-reflective Nextel® finish
- Weight-balanced, slim-profile design

APPLICATIONS

The M 58 has been specifically designed to satisfy the demands of electric news gathering (ENG) and electronic field production (EFP) applications.

Its sophisticated internal shockmount dramatically reduces handling noise, while the microphone's frequency response has been tailored to provide broadcasters with a very accurate and intelligible sound.

The M 58's weight-balanced design provides journalists with a high degree of comfort during lengthy interviews. Its rugged construction enables the microphone to withstand physical and environmental punishment typically encountered during field production operations. The M 58's slim profile and non-reflective Nextel® finish result in a low profile on camera.

SUPPLIED ACCESSORIES

WS 58	Windscreen, charcoal-grey	Order # 404.632
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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
MKV 6	Microphone clamp (clothes peg style clip) for shaft diameters of 19 - 32 mm	Order # 407.208
MKV 8	Microphone clamp with 3/8" internal thread, for shaft diameters of 22 - 32 mm .	Order # 407.216

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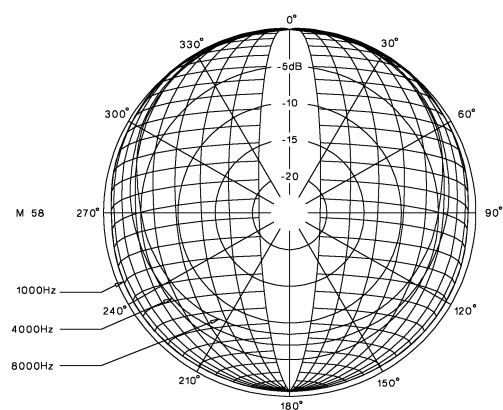
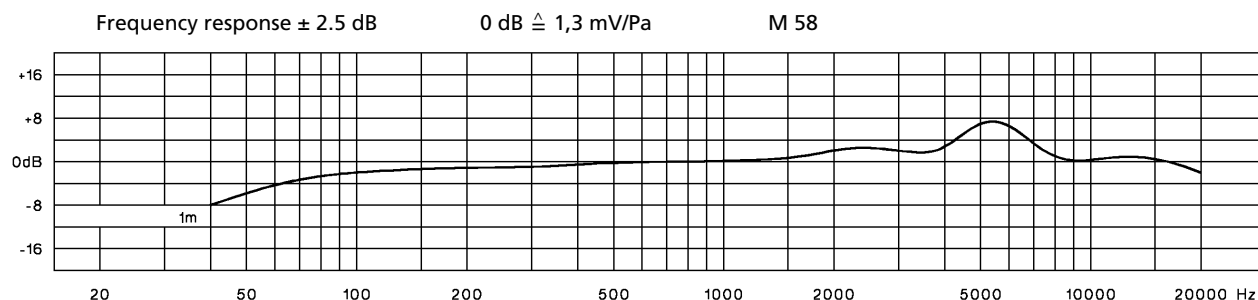
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TECHNICAL SPECIFICATIONS

Transducer type	Dynamic moving coil
Operating principle	Pressure gradient
Frequency response	40 - 20,000 Hz
Polar pattern	Omnidirectional
Open circuit voltage	
at 1 kHz (0 dB = 1 V/Pa)	1.3 mV/Pa $\hat{=}$ -58 dBV
Nominal impedance	200 Ω
Load impedance	$\geq 200 \Omega$
Diaphragm	Makrofol®
Casing	Aluminium
Connection	3-pin XLR male
Dimensions	Length: 260 mm
	Shaft diameter: 23 mm
	Head diameter: 40 mm
Weight w/out cable	256 g

FREQUENCY RESPONSE & POLAR PATTERN

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



WIRING DIAGRAM

Positive pressure produces positive voltage on red lead (+).

