



M 69 TG

# M 69

## HYPERCARDIOID MOVING COIL MICROPHONE

Version	Order #
M 69 N(C) Dynamic microphone	437.085
M 69 TG TourGroup™ version	437.093

### FEATURES

- Hypercardioid polar pattern
- Wide range frequency response
- Excellent sensitivity
- Low feedback

### APPLICATIONS

The M 69 is a professional dynamic microphone with a wide frequency response and can be used in studio or live applications.

In live situations its excellent hypercardioid pickup pattern guarantees high gain before feedback by comparison to other microphones. The M 69 is well suited for sound contractors for use in churches or as an announcers microphones. In the studio its uses are wide varied but can be particularly recommended for the recording of guitars, brass and woodwind.

The TourGroup™ version (M 69 TG) has a reinforced basket to withstand rough handling when being used for more demanding applications.

### TECHNICAL SPECIFICATIONS

Transducer type . . . . .	Dynamic moving coil
Operating principle . . . . .	Pressure gradient
Frequency response . . . . .	50 - 16,000 Hz
Polar pattern . . . . .	Hypercardioid
Rear attenuation at 1 kHz . . . . .	23 dB at 120°
Open circuit voltage at 1 kHz (0 dB $\hat{=}$ 1 V/Pa) . . . . .	2.9 mV/Pa
Magnetic field suppression . . . . .	> 20 dB $\hat{=}$ 50 Hz
Nominal impedance . . . . .	200 $\Omega$
Load impedance . . . . .	$\geq$ 1000 $\Omega$
Diaphragm . . . . .	Hostaphan®
Casing . . . . .	Brass
Connection . . . . .	3-pin XLR male
Dimensions . . . . .	Length: 182 mm
	Shaft diameter: 25.5 mm
	Head diameter: 48.5 mm
Weight w/out cable . . . . .	320 g

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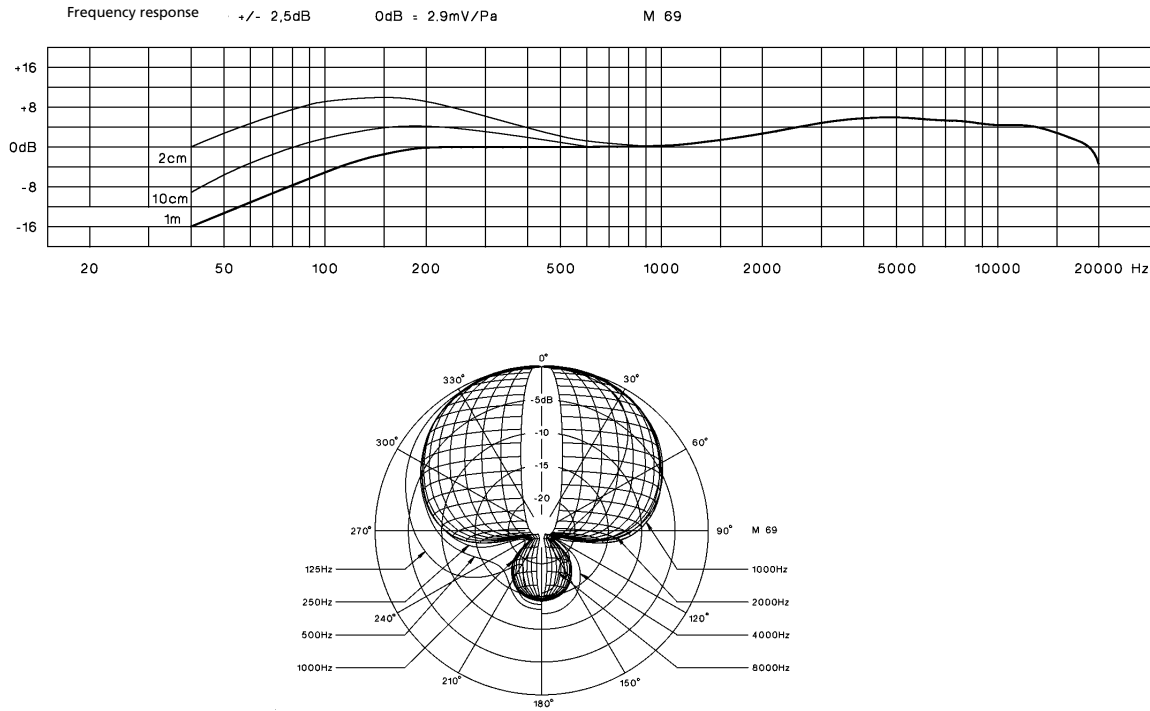
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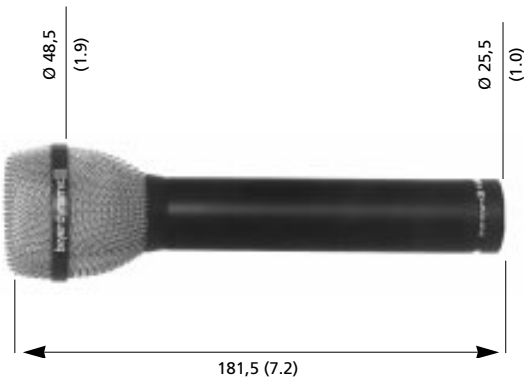
## FREQUENCY RESPONSE & POLAR PATTERN

This polar pattern and frequency response curve (measuring distance 1m) correspond to typical production run specifications for this microphone.



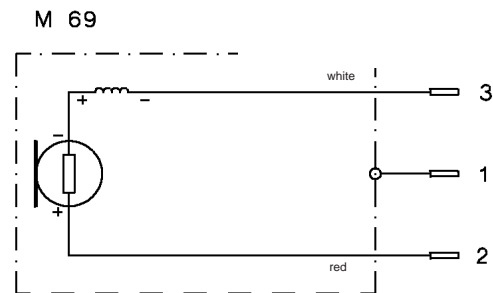
## MEASUREMENTS

In millimetres (inches in brackets)



## WIRING DIAGRAM

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



## SUPPLIED ACCESSORIES

- Black, padded protective zipper bag
- MKV 8 Microphone clamp with 3/8" internal thread, for shaft diameters of 22 - 32 mm .. Order # 407.216

## OPTIONAL ACCESSORIES

- Highly flexible cables with industry standard jack and XLR connectors.
- MKV 6 Microphone clamp (clothes peg style clip) for shaft diameters of 19 - 32 mm ..... Order # 407.208
- PS 88 Popscreen, charcoal-grey ..... Order # 111.414
- WS 59 Wind shield, charcoal-grey ..... Order # 419.087

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