

## M 99

### Dynamic Microphone

Order # 445.394



#### FEATURES

- Hypercardioid polar pattern
- Switchable presence accentuation and equalisation for bass drum
- Extremely linear frequency response
- Rugged construction
- Integrated elastic suspension

#### APPLICATIONS

The M 99 is a dynamic moving coil microphone of studio quality. The tailored frequency response suits many applications from instrument miking to on-air broadcasting. The beyerdynamic TG-X technology used in the M 99 features a strong neodymium magnet system and a mass reduced special Mylar diaphragm to give the microphone a powerful reproduction with excellent transient characteristics.

The frequency response is extremely linear and guarantees audio quality which has until now, only been achieved by using high-quality condenser microphones.

The frequency select switch at the base of the microphone allows three settings of equalisation, linear and two optimised settings for vocals and instrument miking. A second switch is for presence accentuation. This allows further adjustment for close miking techniques or kick drum miking. The hypercardioid polar pattern helps eliminate feedback in live applications and allows a good separation between different instruments.

The microphone can operate at very high sound pressure levels without loss of sound quality and virtually no distortion.

The M 99's die cast casing is made of aircraft grade aluminium and finished with an attractive metallic varnish.

#### SUPPLIED ACCESSORIES

EA 90	Elastic suspension	Order # 452.270
ZKK 740-833	Case	Order # 504.580

#### 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
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
ST 99	Microphone stand for kick drum, small and heavy	Order # 471.917
WS 740/834	Wind screen, charcoal-grey	Order # 401.994

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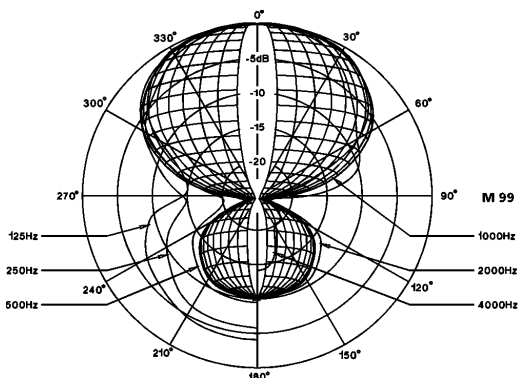
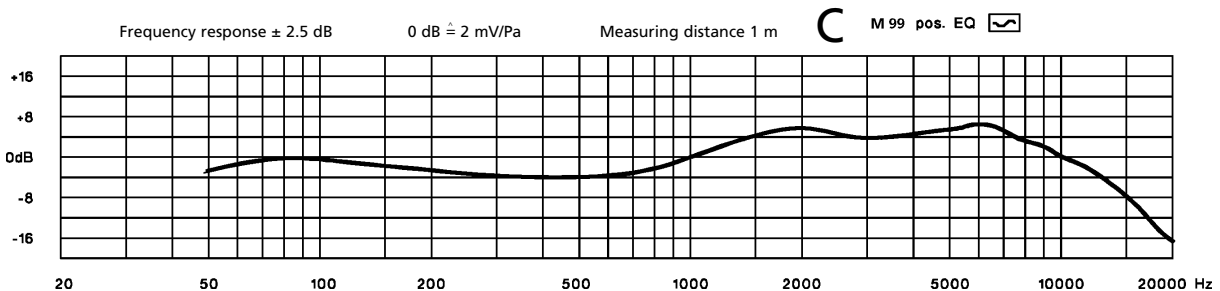
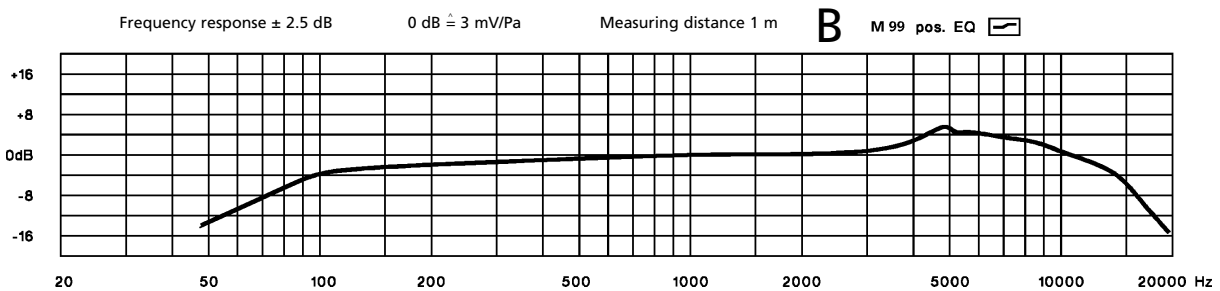
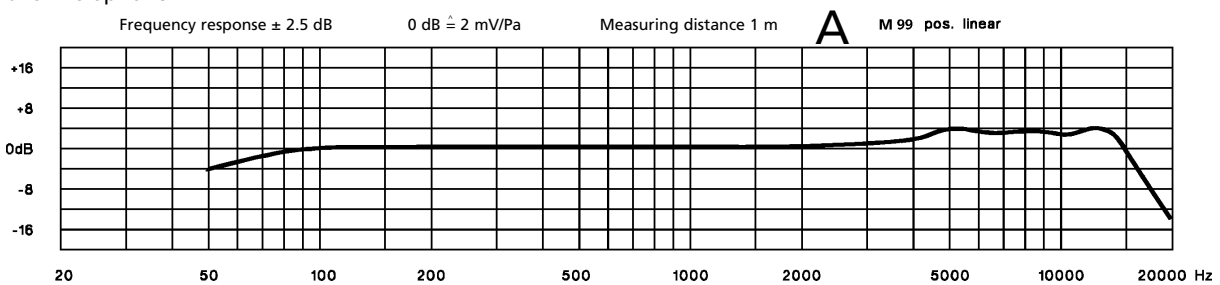
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# TECHNICAL SPECIFICATIONS

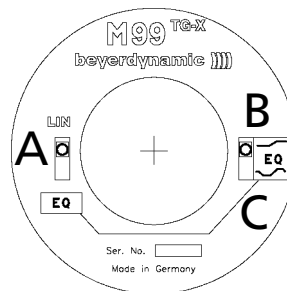
Transducer type	Dynamic	
Operating principle	Pressure gradient	
Frequency response	30 - 18,000 Hz (refer to frequency responses)	
Polar pattern	Hypercardioid	
Open circuit voltage at 1 kHz	3.0 mV/Pa / 2 mV/Pa	
Magnetic field suppression	> 20 dB at 50 Hz	
Nominal impedance	280 Ω	
Load impedance	≥ 1000 Ω	
Diaphragm	Hostaphan®	
Casing	Aluminium/die cast	
Connector	3-pin XLR male	
Dimensions	Length:	163 mm
	Shaft diameter	23/25 mm
	Head diameter	56 mm
Weight (without cable)	421 g	

# FREQUENCY RESPONSE & POLAR PATTERN

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



# BASE VIEW



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