



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.

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
Nominal impedance	280 Ω
Load impedance	$\geq 1000 \Omega$
Connector	3-pin XLR
Length	163 mm
Head diameter	56 mm
Weight	421 g (without cable)

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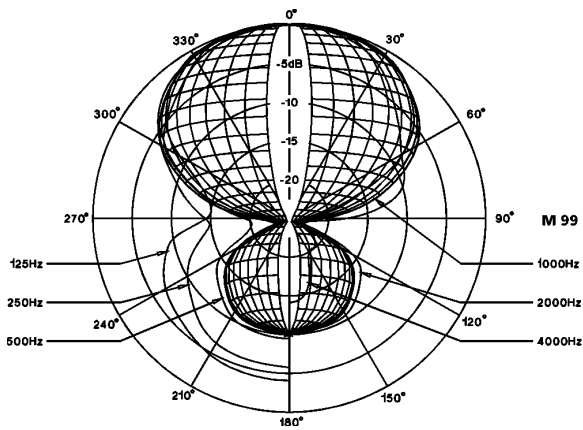
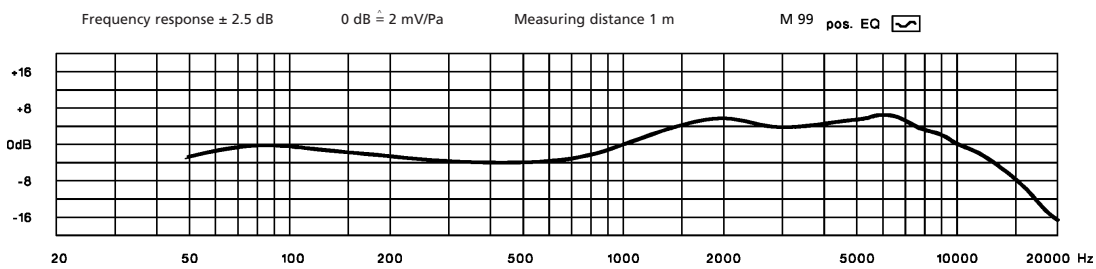
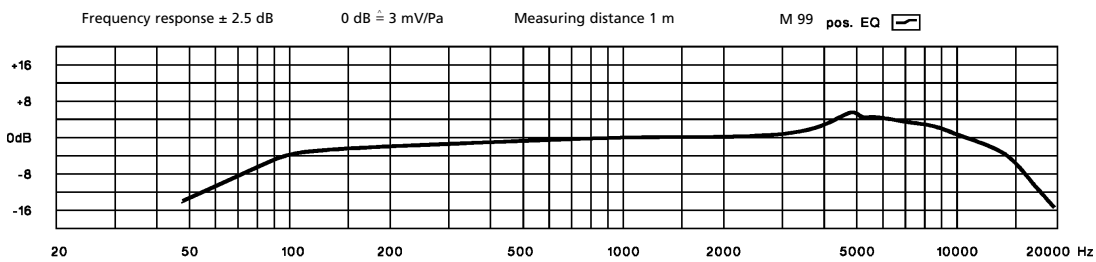
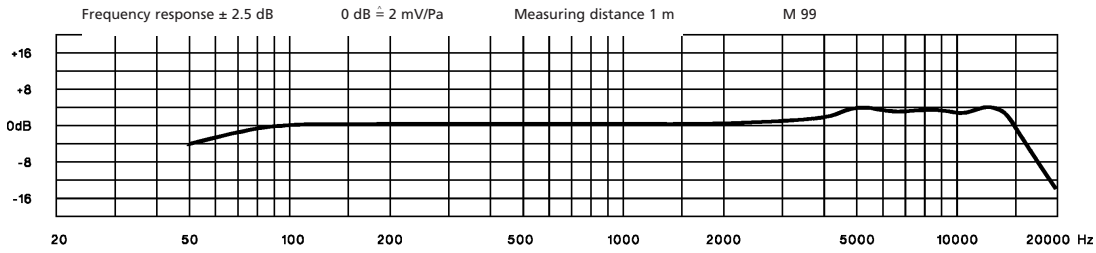
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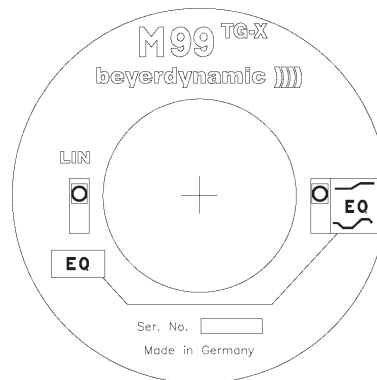
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FREQUENCY RESPONSE & POLAR PATTERN

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



BASE VIEW



SUPPLIED ACCESSORIES

- EA 90 Elastic suspension

OPTIONAL ACCESSORIES

- Highly flexible cables with industry standard Neutrik jack and XLR connectors
- Various stands

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