



# MCE 60

## LAVALIER CONDENSER MICROPHONE

**beyerdynamic**

### FEATURES

- Extended frequency response
- Extremely small, unobtrusive design
- Omnidirectional polar pattern
- High sensitivity
- Light weight
- Battery or phantom powered

### APPLICATIONS

The MCE 60 has been designed for unobtrusive miking of speech and vocals. Therefore, it is suitable for film, TV and theatre applications. Its omnidirectional polar pattern reduces popping and its construction eliminates handling noise.

The microphone attaches via a microphone clip to clothing. Due to its small size, it can easily be concealed in the hair or in makeup for theatre applications.

In addition to the use with amplifiers and recorders, this microphone is well suited for the connection to beyerdynamic's wireless systems.

### TECHNICAL SPECIFICATIONS

#### with CVU 16 power supply unit

Transducer type.....	Condenser (back electret)
Operating principle.....	Pressure
Frequency response.....	25 - 20,000 Hz
Polar pattern.....	Omnidirectional
Open circuit voltage at 1 kHz.....	30 mV
Nominal impedance.....	≤ 1 kohm
Load impedance.....	≥ 10 kohms
Max. SPL at 1 kHz.....	120 dB
S/N ratio rel. to 1 Pa.....	approx. 60 dB
A-weighted equivalent SPL.....	approx. 26 dB
Supply voltage.....	1.5 to 10 V
Dimensions.....	Length: 12.3 mm Head diameter: 7 mm
Weight without cable.....	1.5 g

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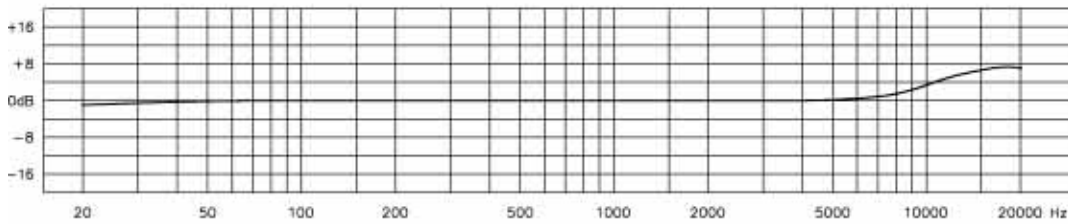
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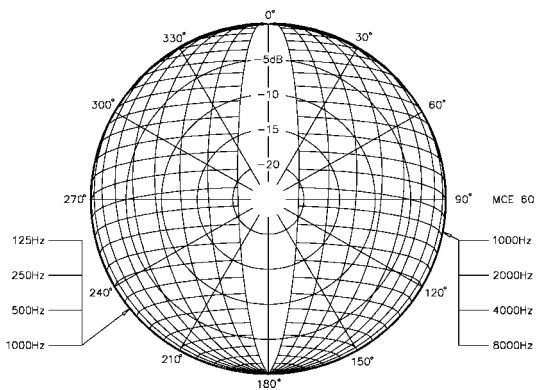
## FREQUENCY RESPONSE & POLAR PATTERN

This frequency response curve (measuring tolerance  $\pm 2.5$  dB) and polar patterns correspond to typical production run specifications for this microphone.

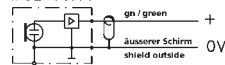
Frequency response  $\pm 2.5$  dB    0 dB  $\hat{=}$  30 mV/Pa    MCE 60



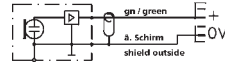
## WIRING DIAGRAM



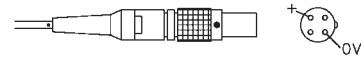
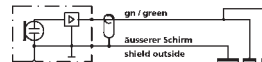
MCE 60.09



MCE 60.16



MCE 60.100



## VERSIONS

MCE 60.09	bare-ended cable	Order # 463.051
MCE 60.16	with 4-pin LEMO-plug	Order # 463.078
MCE 60.16 Set	same as above, but with CVU 16 power supply	Order # 463.086
MCE 60.100	with mini jack plug (3.5 mm)	Order # 463.094

Photos are non-contractual. Contents subject to change without notice. Printed in Germany.