

## MCE 55

### Condenser Microphone



#### FEATURES

- High performance miniature condenser microphone (omnidirectional)
- Splash-proof capsule design
- Extended frequency response
- Absolute studio quality
- High sensitivity
- Extremely small, unobtrusive design

#### APPLICATIONS

The MCE 55 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.

#### VERSIONS

MCE 55.09 BLK	Mini condenser clip-on microphone, omnidirectional, bare-ended cable, black. . .	Order # 475.572
MCE 55.09 SC	same as above, but beige coloured . . . . .	Order # 475.558
MCE 55.18 BLK	Mini condenser clip-on microphone, omnidirectional, cable with 4-pin mini XLR plug, black . . . . .	Order # 475.408
MCE 55.18 SC	same as above, but beige coloured . . . . .	Order # 475.416

#### SUPPLIED ACCESSORY

MKV 55 BLK	Microphone clip, black, for MCE 55 . . . . .	Order # 470.511
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#### OPTIONAL ACCESSORIES

CV 18	Phantom power adapter for the .18 version . . . . .	Order # 475.378
WS 55	Wind screen for Opus 55 Mk II and MCE 55 . . . . .	Order # 468.975

#### Germany

Theresienstr. 8  
D-74072 Heilbronn  
Tel. +49 (0)71 31 / 6 17-0  
Fax +49 (0)71 31 / 617-224  
E-mail: info@beyerdynamic.de  
Internet: www.beyerdynamic.de

#### United States

56 Central Ave.  
Farmingdale, NY 11735  
Tel. +1 (631) 293-3200  
Fax +1 (631) 293-3288  
E-mail: salesUSA@beyerdynamic-usa.com  
Internet: www.beyerdynamic-usa.com

#### Great Britain

17 Albert Drive  
Burgess Hill RH15 9TN  
Tel. +44 (0)1444 / 258 258  
Fax +44 (0)1444 / 258 444  
E-mail: sales@beyerdynamic.co.uk  
Internet: www.beyerdynamic.co.uk

## TECHNICAL SPECIFICATIONS

### MCE 55.18

Transducer type.....	Condenser (electret)
Operating principle.....	Pressure
Frequency response.....	20 - 20,000 Hz
Polar pattern.....	Omnidirectional
Open circuit voltage at 1 kHz.....	4.5 mV
Nominal impedance.....	1 k $\Omega$
Max. SPL.....	130 dB SPL
S/N ratio rel. to 1 Pa.....	56 dB
Supply voltage.....	1.5 to 9 V
Dimensions.....	Head diameter: 5.2 mm
	Length: 12.7 mm
	Cable length: 1.2 m

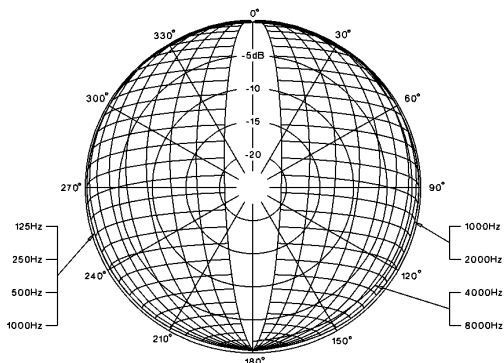
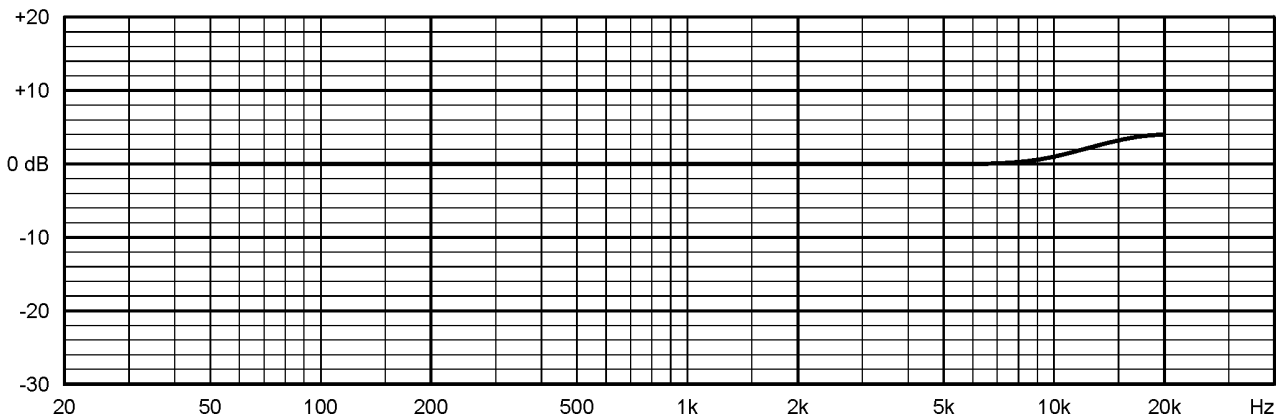
### Weight

<b>without</b> cable / plug.....	1 g
<b>with</b> cable / plug.....	9 g
Clip.....	3 g

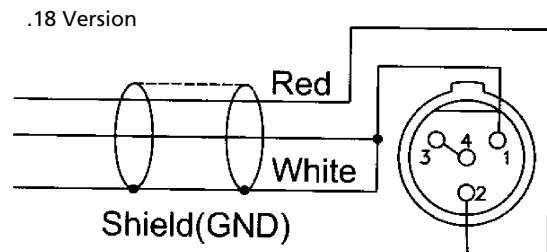
## FREQUENCY RESPONSE & POLAR PATTERN

This frequency response curve (measuring tolerance  $\pm 3$  dB) and polar pattern correspond to a typical production sample for this microphone.

Frequency response  $\pm 3$  dB      0 dB  $\hat{=}$  4.5 mV/Pa      MCE 55



## WIRING DIAGRAM



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