

MPC 23

Acoustical Boundary Microphone



FEATURES

- Omnidirectional characteristic (180° coverage)
- Flat, wide frequency response
- High-quality reproduction of speech
- Unobtrusive design
- Ceiling or tabletop mounting
- Fast and easy installation

APPLICATIONS

The MPC 23 acoustical boundary microphone is designed for mounting into tabletops and ceilings. The half-spherical polar pattern is picked up in a uniform manner. The high sensitivity guarantees a constant output level even from long distance sources. Elastic bearing rings achieve mechanical isolation from the mounting surface and therefore offer effective sound isolation of the microphone.

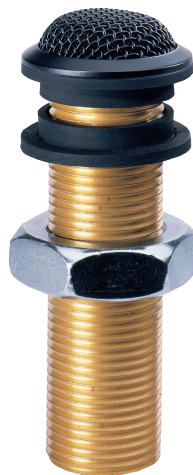
The MPC 23 is designed for applications such as tele/video conferencing, recording or amplification of round table discussions and wherever the microphone needs to be as unobtrusive as possible.

VERSIONS

MPC 23 sw	Half-spherical, black.	Order # 441.562
MPC 23 ws	white.	Order # 441.570
MPC 23 SE	silver metallic effect, microphone basket made of acuraLine® Topmesh double-layer fine meshed wire weave.	Order # 485.963

SUPPLIED ACCESSORIES

- Elastic bearing rings



MPC 23 sw



MPC 23 SE

TECHNICAL SPECIFICATIONS

Transducer type.	Condenser (back electret)
Operating principle.	Pressure
Frequency response	50 - 20,000 Hz
Polar pattern	Half-spherical
Open circuit voltage at 1 kHz (0 dB = 1 V/Pa).	16 mV/Pa
Nominal impedance	200 Ω
Load impedance	≥ 1000 Ω
Max. SPL.	124 dB SPL
Signal-to-noise ratio rel. to 1 Pa	60 dB
A-weighted equivalent SPL	26 dB
Phantom power	8 - 52 V
Consumption.	3.4 mA
Connector	3-pin XLR male
Dimensions	
Length	74/67 mm
Shaft diameter	M 20 x 1.5 thread
Head diameter	30 mm
Weight	approx. 70 g

INSTALLATION

- Mounting hole with elastic bearing rings: Ø 24 mm (15/16")
- Mounting hole with elastic bearing rings: Ø 20 mm (13/16")
- Max. table-/ceiling thickness: 57 mm (2.25")

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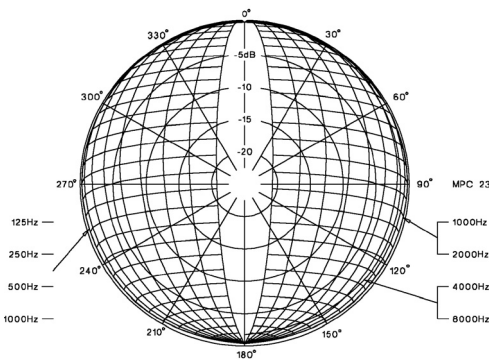
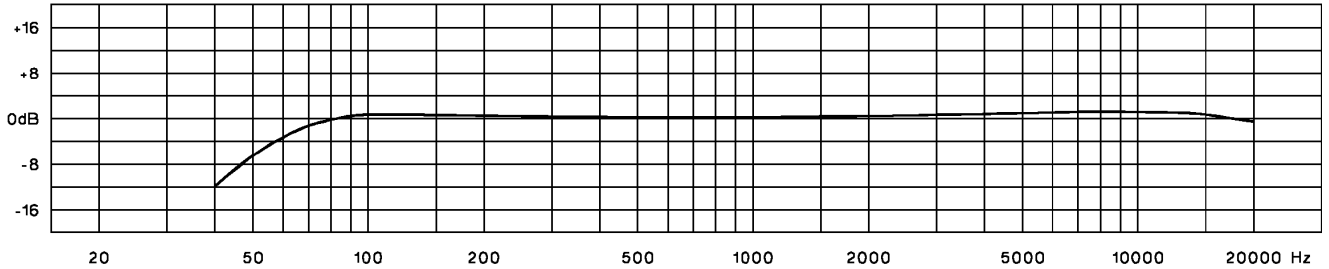
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FREQUENCY RESPONSE & POLAR PATTERN

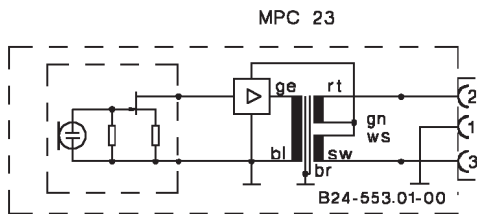
This frequency response curve (measuring tolerance ± 2.5 dB) and polar pattern correspond to a typical production sample for this microphone.

Frequency response ± 2.5 dB 0 dB = 16 mV/Pa MPC 23



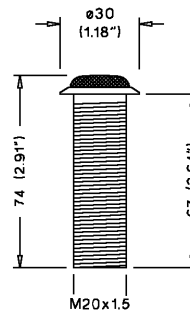
WIRING DIAGRAM

Positive pressure produces positive voltage on pin 2.



DIMENSIONS

In millimetres (inches in brackets)



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