



MPC 22

ACOUSTICAL BOUNDARY MICROPHONE

MPC 22 sw (black) Order # 441.589
MPC 22 ws (white) Order # 441.597

FEATURES

- Aimable half-cardioid polar pattern
- High gain-before-feedback
- Flat, wide range frequency response
- High-quality reproduction of speech
- Unobtrusive design
- Ceiling or tabletop mounting
- Fast and easy installation

APPLICATIONS

The acoustical boundary microphone MPC 22 is designed for mounting into tabletops and ceilings. The half-cardioid polar pattern is aimable and assures high-gain-before feedback. 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 22 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.

TECHNICAL SPECIFICATIONS

Transducer type	Condenser (Back electret)
Frequency response	50 - 20,000 Hz
Polar pattern	Half-cardioid
Open circuit voltage	14 mV/Pa $\pm$ -37 dBV
EIA G_m output	-129 dB
Nominal output impedance	200 Ω
Load impedance	$\geq 1000 \Omega$
Signal-to-noise ratio rel. to 1 Pa	60 dB
Equivalent noise level, A-weighted	26 dB
Supply voltage	8 - 52 V phantom
Consumption	3.4 mA
Weight	approx. 70 g
Connector	XLR (male)

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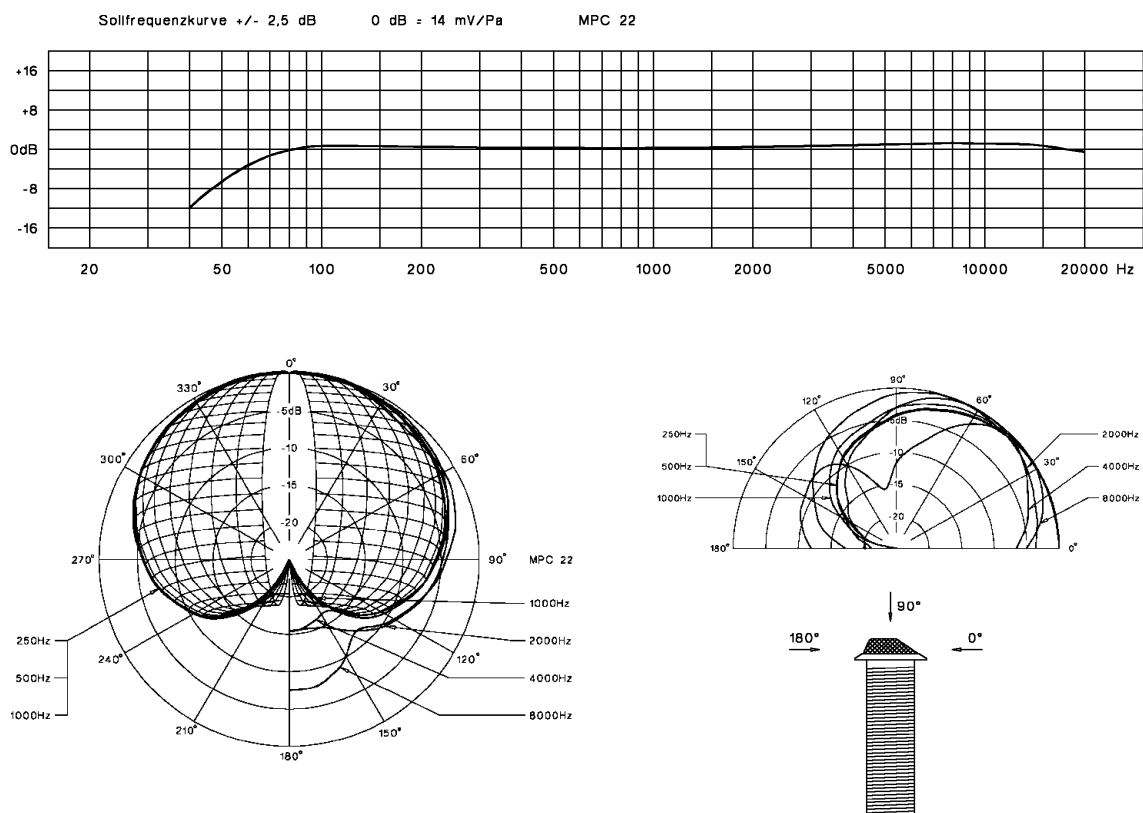
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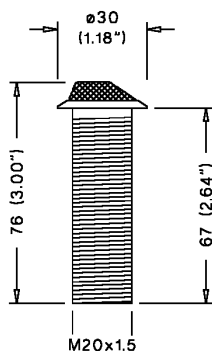
FREQUENCY RESPONSE & POLAR PATTERN

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



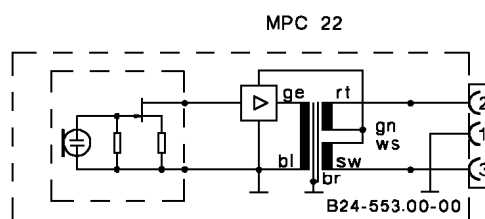
MEASUREMENTS

In millimetres (inches in brackets)



WIRING DIAGRAM

Positive pressure produces positive voltage on pin 2.



SUPPLIED ACCESSORIES

- Elastic bearing rings

INSTALLATION

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

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