

MPC 66

Acoustical Boundary
Microphone



FEATURES

- Half-spherical polar pattern
- Low profile with small footprint and surface mountable
- Phantom power 12 - 48 V
- Higher gain before feedback over typical boundary microphones
- Low-cut filter eliminates low frequency rumble and unwanted surfacebound noise

APPLICATIONS

The MPC 66 is a small, unobtrusive acoustical boundary microphone with a half-spherical polar pattern, which has been designed for round-table discussions, tele/video conferencing, studio and live recording applications.

Because of its high sensitivity, the output level can be maintained even when miking from a distance. A built-in rumble filter eliminates low-frequency wind and interference noise.

VERSIONS

MPC 66 V sw	black version with built-in pre-amp and bare ends	Order # 444.340
MPC 66 V ws	white version with built-in pre-amp and bare ends	Order # 444.359
MPC 66 VC sw	black version with built-in pre-amp & male XLR connector in base plate	Order # 444.367
MPC 66 VC ws	white version with built-in pre-amp & male XLR connector in base plate	Order # 444.375
MPC 66 VJ sw	black version with built-in pre-amp & 6.35 mm (1/4") jack connector in base plate	Order # 444.383
MPC 66 VJ ws	white version with built-in pre-amp & 6.35 mm (1/4") jack connector in base plate	Order # 444.391

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TECHNICAL SPECIFICATIONS

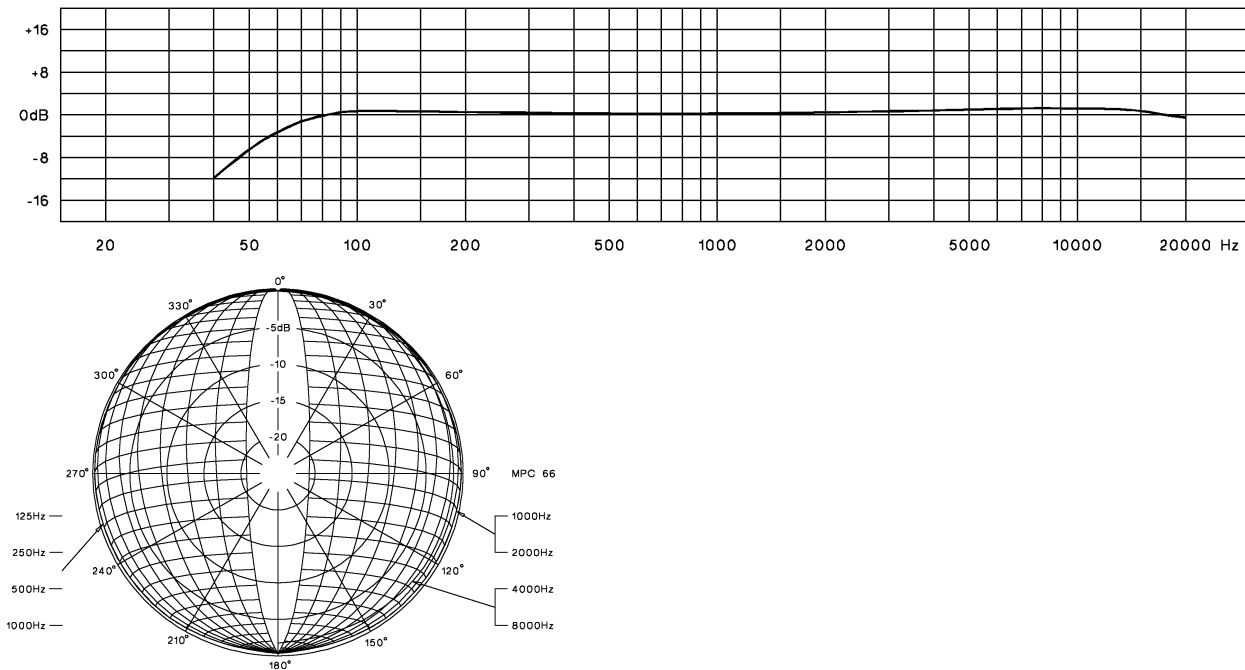
MPC 66 V, VJ, VC

Transducer type	Condenser (back electret)
Operating principle	Pressure
Frequency response	50 - 20,000 Hz
Polar pattern	Half-spherical
Open circuit voltage	18 mV/Pa
Nominal output impedance	180 Ω
Load impedance	≥ 1000 Ω
Max. SPL at 1 kHz	124 dB
Signal-to-noise ratio rel. to 1 Pa	60 dB
A-weighted equivalent SPL	25 dB
Supply voltage	8 - 52 V phantom power
Consumption	approx. 3.4 mA
Dimensions (L x W x H)	86 x 61 x 31 mm
Weight with cable	240 g (MPC 66 V), 180 g (VC), 175 g (VJ)

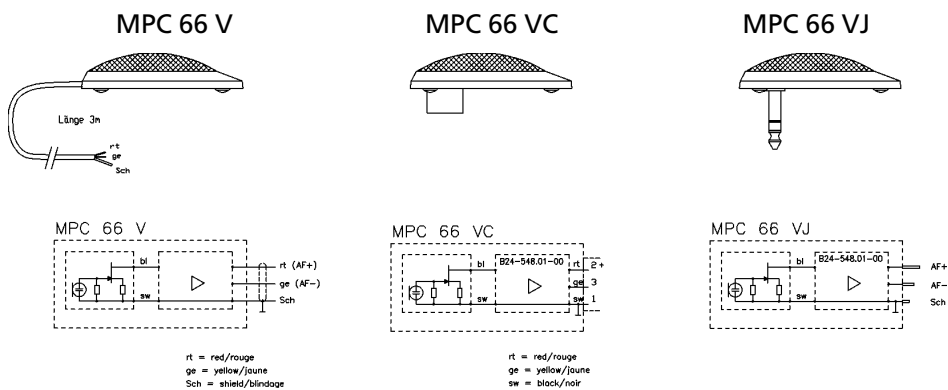
FREQUENCY RESPONSE & POLAR PATTERN

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

Frequency response ± 2.5 dB 0 dB = 18 mV/Pa



WIRING DIAGRAMS



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