



4061-BM, 4061 Omnidirectional, Lo-Sens

Tiny mic with neutral sound character and great detail; large dynamic range, low noise, fits numerous transmitters.

DPA 4061 is acoustically identical with the 4060, but the sensitivity is adjusted to match some of the more sensitive transmitters on the market. For a wireless microphone, choose between our adapter system or a hardwired connector.

The 4061 is available in four colors: black, brown, beige and white.

Applications

Excellent speech and vocal mics, the DPA miniatures are used by musicals and theaters worldwide. They are also great live and studio microphones for acoustic string instruments.

Accessories

Two different protection grids are supplied and by changing these grids you can acoustically modify the microphone according to placement (chest, head etc.) Additionally, a wide range of accessories is available, such as windscreens, clips and holders, extension cables, and power supplies.

Wireless microphones

With a wide range of connection adapters you can use DPA miniature microphones with all professional wireless systems plus 48 V Phantom.

DPA has specific adapters for AKG, Audio Ltd., Audio-Technica, Beyerdynamic, Electro-Voice, Lectrosonics, Micron, Mipro, Pastega, Telex ProStar, Ramsa, Samson, Sennheiser, Shure, Sony, Toa, Vega and other systems. Each adapter for your cordless microphone is guaranteed to perfectly mate to your system of choice.

Specifications

Offering great detail and resolution, the 4061s have a neutral sonic character and are very natural sounding. The 4061 has a very low noise floor, impressive sensitivity and can handle high SPLs. For full technical specs, please click the Specifications tab above.

Related microphones

The DPA 4060, 4062 and 4063 are acoustically identical to the 4061 but have different SPL handling or sensitivity. The 4061 is also included in stereo and instrument microphone kit solutions.

For more information please visit:
www.dpamicrophones.com

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Directional characteristics:

Omnidirectional

Principle of operation:

Pressure

Cartridge type:

Pre-polarized condenser element with vertical diaphragm

Frequency range, ± 2 dB:

Soft boost grid: 20 Hz – 20 kHz, 3 dB soft boost at 8 – 20 kHz. High boost grid: 20 Hz – 20 kHz, 10 dB boost at 12 kHz.

Sensitivity, nominal, ± 3 dB at 1 kHz:

6 mV/Pa; -44 dB re. 1 V/Pa

Equivalent noise level A-weighted:

Typ. 26 dB(A) re. 20 μ Pa (max. 28 dB(A))

Equiv. noise level ITU-R BS.468-4:

Typ. 38 dB (max. 40 dB)

S/N ratio, re. 1 kHz at 1 Pa (94 dB SPL):

68 dB(A)

Total harmonic distortion (THD):

< 1 % THD up to 123 dB SPL peak; < 1 % THD up to 120 dB SPL RMS sine

Dynamic range:

Typ. 97 dB

Max. SPL, peak before clipping:

144 dB

Output impedance:

30 – 40 ohm

Cable drive capability:

Up to 300 m (984 ft)

Power supply:

For wireless systems: Min. 5 V – max. 50 V through DPA adapter. With DAD6001-BC/DAD6024/DAD4099: 48 V phantom power ± 4 V for full performance.

Connector:

MicroDot

Color:

Black, beige, brown or white

Microphone weight:

7.5 g (0.26 oz) incl. cable and MicroDot connector

Microphone diameter:

5.4 mm (0.21 in)

Microphone length:

Max. 12.7 mm (0.5 in)

Cable length:

1.8 m (5.9 ft)

Cable diameter:

1.6 mm (0.06 in)

Polarity:

Positively increasing sound pressure produces positive going voltage on MicroDot pin

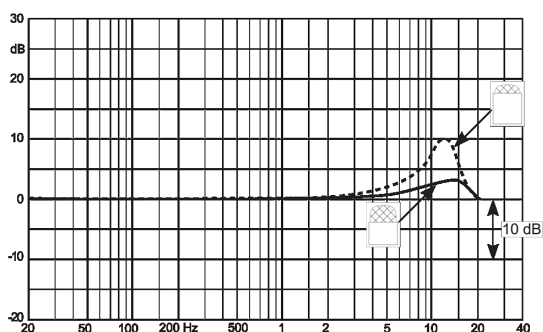
Operating temperature range:

-10 to 45°C (14 to 113°F)

Diagrams

4061-BM, 4061 Omnidirectional, Lo-Sens

On-axis frequency response of Miniature Microphones. Dotted line is with high boost grid and solid line with soft boost grid.



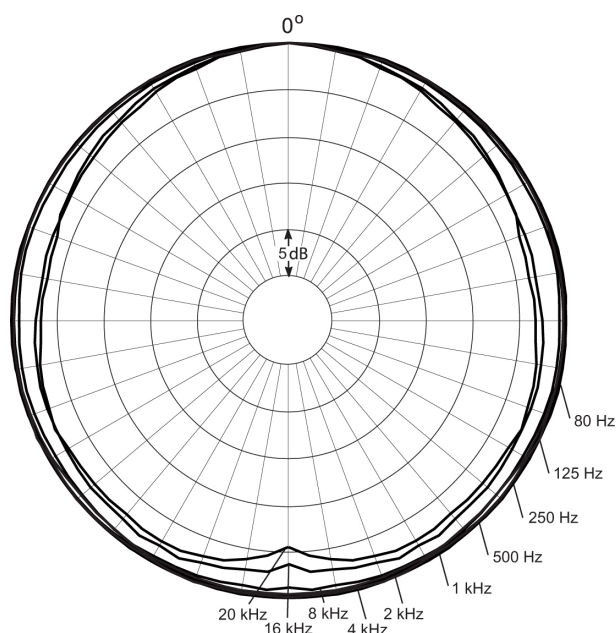
On-axis frequency response of Miniature Microphones. Dotted line is with high boost grid and solid line with soft boost grid.



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Directional Characteristics of DPA 4061 (normalized)



Directional Characteristics of DPA 4061 (normalized)