

SMK4060, SMK4060 Stereo Mic Kit w. 4060

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The SMK4060 Stereo Microphone Kit is a cost-effective and flexible stereo recording solution aimed at project studios and for discreet mic setup on stage. The SMK4060 combines two DPA 4060s omnidirectional miniature microphones, Hi-Sens, with a variety of mounting accessories. These include the BLM6000 Boundary Layer Mount, which can be used in conjunction with a 4060 (or any of DPA's miniature mics) to place the mic on a reflective boundary such as a floor, wall, ceiling, piano lid etc, enabling them to capture the ambient sound of the area. The sound captured from this "pressure zone" has higher sensitivity, clarity and intelligibility compared to the sound captured from the "free air" and serves as a kind of acoustical zoom. Also included in the kit is among others the DMM0007 soft rubber holder. This allows all kinds of instruments, from acoustic guitar through grand piano to drums, to be mounted in the best-sounding position, using special non-marking adhesive discs. Also available as SMK4061 with a DPA4061 Miniature Omnidirectional Microphone, Lo-Sens.

What is in the box
The DPA SMK4060 Stereo Microphone Kit contains:
2 x 4060 Omnidirectional Mic, Hi-Sens, Black, 3 meter cable
2 x BLM6000-B Boundary Layer Mount, Black
2 x DAD6001-BC MicroDot to 3-pin XLR (P48) w. Belt Clip
1 x DMM0007 Universal Surface Mount, 5 pcs.
2 x DMM0011-B Magnet Mount, Black
1 x DUA0560 Windscreen, Black, 5 pcs.
2 x MHS6001 Microphone Holder for Strings

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 ±2 dB, 10 dB boost at 12 kHz

Sensitivity, nominal, ±3 dB:

20 mV/Pa; -34 dB re. 1 V/Pa

Equivalent noise level A-weighted:

Typ. 23 dB(A) re. 20 µPa (max. 26 dB(A))

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

Typ. 35 dB (max. 38 dB)

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

71 dB(A)

Total harmonic distortion (THD):

<1% THD up to 123 dB SPL peak

Dynamic range:

Typ. 100 dB

Max. SPL, peak before clipping:

134 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: 48 V phantom power ±4 V.

Connector:

MicroDot

Weight:

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

Microphone length:

12.7 mm (0.5 in)

Cable length:

3 m (9.4 ft)

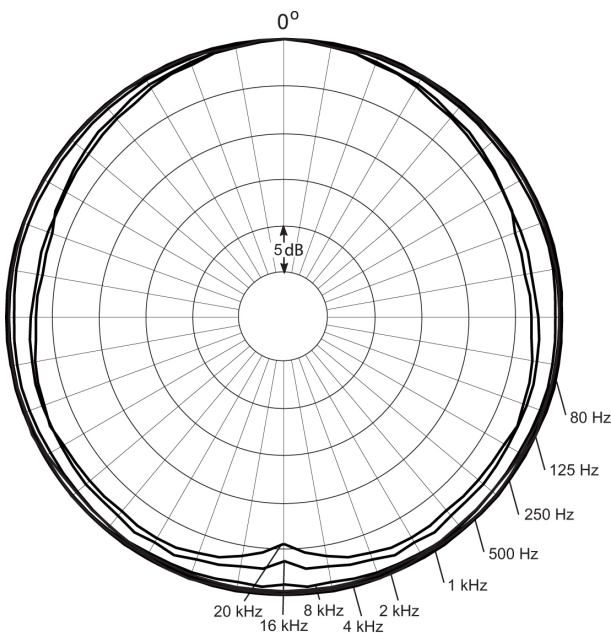
Sensitivity selection tolerance (at 1 kHz):

± 1.5 dB

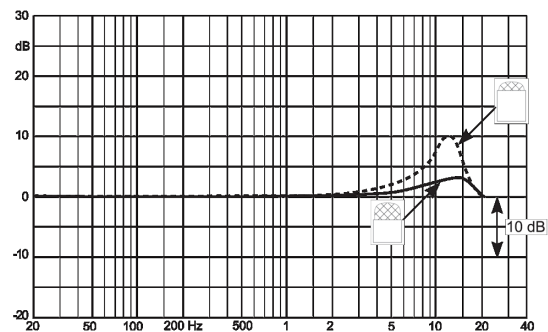
Diagrams

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Directional Characteristics of DPA 4060 (normalized)



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.



Changes in specifications if you supply less than 48V Phantom power

	48 V	42 V	36 V	32 V	24 V	18 V	12 V	9 V
Noise (dB(A))	26	26	26	26	26	26	26	N/A
SPL limit (dB)	142	142	142	142	136	126	134	N/A
V RMS	3	3	3	2.8	2.5	1.8	0.6	N/A

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