

**SMK4061, SMK4061 Stereo Mic Kit w. 4061**

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The SMK4061 Stereo Microphone Kit is a cost-effective and flexible stereo recording solution aimed at project studios and for discreet mic setup on stage. The SMK4061 combines two DPA 4061s omnidirectional miniature microphones, Lo-Sens, with a variety of mounting accessories. These include the BLM6000 Boundary Layer Mount, which can be used in conjunction with a 4061 (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 SMK4060 with a DPA4060 Miniature Omnidirectional Microphone, Hi-Sens. TEC award 2007: The SMK4061 is among the nominees chosen by MIX Magazine's Nominating Panel for 'Outstanding technical achievement - Microphone Technology / Recording'. What is in the box The DPA SMK4061 Stereo Microphone Kit contains:

- 2 x 4061 Omnidirectional Mic, Lo-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 Windscreens, Black, 5 pcs.
- 2 x MHS6001 Microphone Holder for Strings

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For more information please visit:  
[www.dpamicrophones.com](http://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:**

20 Hz - 20 kHz ±2 dB, Soft boost grid: 3 dB soft boost at 8 - 20 kHz, High boost grid: 10 dB boost at 12 kHz

**Sensitivity, nominal, ±3 dB:**

6 mV/Pa; -44.5 dB re. 1 V/Pa

**Equivalent noise level A-weighted:**

Typ. 26 dB(A) re. 20 µPa (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

**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: 48 V phantom power ±4 V.

**Color:**

Black

**Weight:**

7.5 g (0.26 oz) including cable and MicroDot connector

**Microphone length:**

12.7 mm (0.5 in)

**Cable length:**

3 m (9.8 ft)

**Cable:**

Black

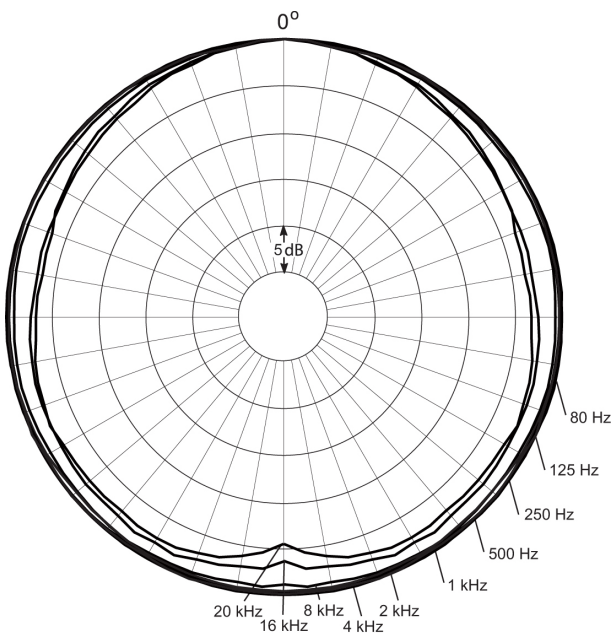
**Sensitivity selection tolerance (at 1 kHz):**

± 1.5 dB

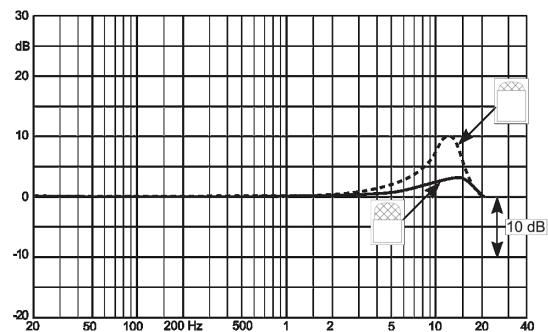
## Diagrams

### SMK4061, SMK4061 Stereo Mic Kit w. 4061

Directional Characteristics of DPA 4061 (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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