

4067-B, 4067 Omnidirectional, Lo-Sens & DC



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clean and transparent sound quality extra low sensitivity available in black and beige, left and right mounting

The 4067 is a flexible miniature microphone solution, that features very easy and fast adjustment possibilities. The headband construction is unique in design, because it gives the user the choice between left and/or right mounting and color change. It is also possible to use the MMB4066 Miniature Microphone Boom, Omnidirectional, separately, in applications where the headband is not needed.

The 4067 offers a clean and transparent sound quality with lots of headroom.

Attention has been paid to the humidity problems that often occur in theatrical applications. A double vent protection system, a drop stopper on the microphone boom, together with water resistant materials inside the microphone, makes it more than difficult for the humidity to cause the headband Microphone to fail. The headband surface is matgold plated and headband earhooks are covered with a silicon hose.

The sensitivity is 1 mV/Pa to match the level of the human voice to the general input sensitivity of most wireless transmitters. If powered correctly the microphone will be able to handle sound pressure levels up to 154 dB SPL before clipping occurs.

A wide range of connection adapters makes it possible to use the 4066 with most of the professional wireless systems available plus 48 V phantom XLR connection.

4067 is delivered with three foam windscreens.

The 4067 is a low DC and extra low sensitivity version of the famous DPA 4066. The sensitivity is adjusted to 1mV/Pa and the DC offset in the FET lowered, making matching to systems delivering down to 3 V power supply possible.

Please note that the microphone comes with 1 High Boost and 1 Soft Boost Miniature Grid.

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: 50 Hz-20 kHz, 3 dB soft boost at 8-20 kHz, lo-cut -10 dB at 20 Hz, High boost grid: 50 Hz-20 kHz ± 2 dB, 10 dB boost at 12 kHz, lo-cut -10 dB at 20 Hz

Sensitivity, nominal, ± 3 dB:

1 mV/Pa; -60 dB re. 1 V/Pa

Equivalent noise level A-weighted:

Typ. 31 dB(A) re. 20 μ Pa (max. 35 dB(A))

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

Typ. 42 dB (max. 44 dB)

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

63 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. 92 dB

Max. SPL, peak before clipping:

154 dB

Output impedance:

30 - 40 Ohm

Cabeldrive capability:

Up to 300 m (984 ft)

Power supply:

Min 3 V - max 50 V through DPA adaptor

Connector:

MicroDot

Weight:

14 g (0.49 oz) incl. cable and MicroDot connector

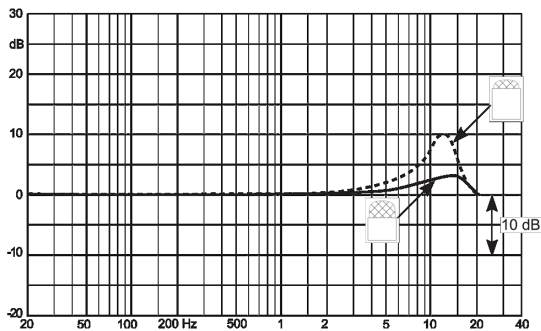
Cable length:

1.2 m (3.9 ft)

Diagrams

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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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Headquarters:
DPA Microphones A/S
Gydevang 42- 44
DK-3450 Allerød, Denmark
Tel: +45 4814 2828
Fax: +45 4814 2700
info@dpamicrophones.com
www.dpamicrophones.com

United States:
DPA Microphones, Inc.
2432 N. Main St., Suite 200
Longmont, CO 80501, USA
Tel: +1 303- 485-1025
Fax: +1 303- 485-6470
info-usa@dpamicrophones.com
www.dpamicrophones.com