

4066-C, 4066 Omnidirectional Headband



4066-C, 4066 Omnidirectional Headband

The 4066 is a flexible miniature microphone solution, that features very easy and fast adjustment possibilities.

www.dpamicrophones.com

use it for both left and right mountingresistant to humidityworks with all professional wireless systemsavailable in three colors: black, beige and brown

The 4066 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 colour change. It is also possible to use the MMB4066 Miniature Microphone Boom, Omnidirectional, separately, in applications where the headband is not needed.

The 4066 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 6 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 144 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.

4066 is delivered with 5 foam windscreens.

This is the chosen headband for theaters on Broadway and West End.

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

For more information please visit:

4066-C, 4066 Omnidirectional Headband

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

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 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% 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:

Min. 5 V - max. 50 V through DPA adapter

Connector:

MicroDot

Microphone weight:

14 g (0.5 oz) incl. cable and MicroDot

Microphone length:

12.7 mm (0.5 in)

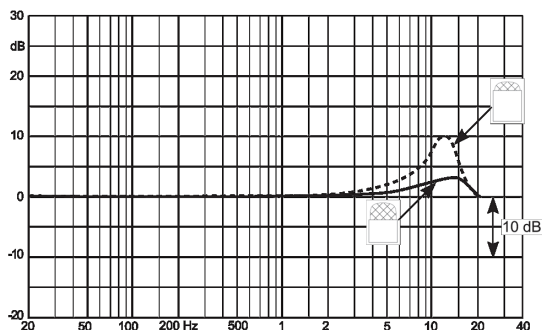
Cable length:

1.2 m (3.9 ft)

Diagrams

4066-C, 4066 Omnidirectional Headband

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.



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