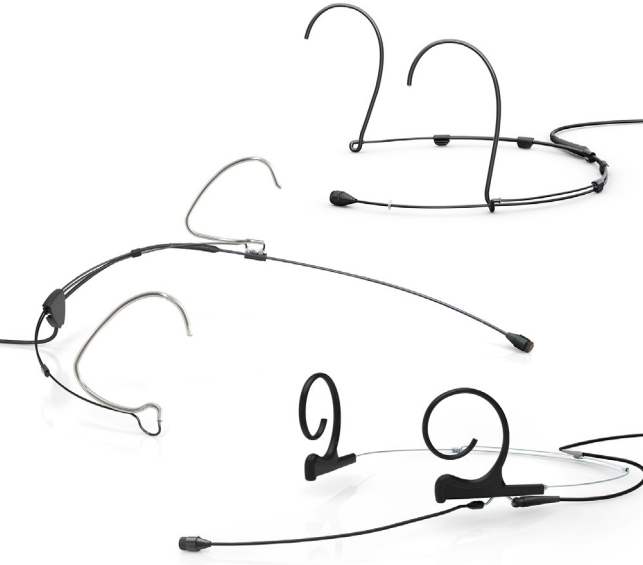
Specifications

4066 CORE Omnidirectional Headset Microphones
4266 CORE Omnidirectional Headset Microphones
4466 CORE Omnidirectional Headset Microphones



core by DPA

dpamicrophones.com/headset

Service & repair
If you are not satisfied with the characteristics exhibited by this product, please go to www.dpamicrophones.com/service for instructions.

Warranty
DPA Headset Mics are covered by a two-year limited warranty.

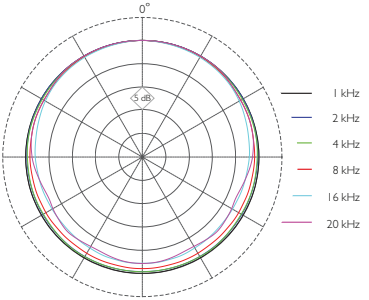
CE marking
This product conforms to all relevant directives approved by the European Commission.

DPI-66-QG

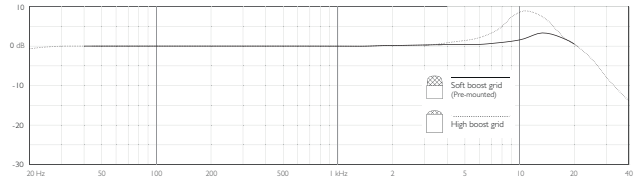
Specifications

Directional pattern
Omnidirectional
Principle of operation
Pressure
Frequency
20 Hz - 20 kHz
Effective frequency range, ±2 dB
Soft boost grid: 40 Hz - 20 kHz, 3 dB soft boost at 8 - 20 kHz. High boost grid: 40 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 µPa (max. 28 dB(A))
Equivalent noise level, ITU-R BS.468-4
Typ. 38 dB (max. 40 dB)
Distortion, THD < 1%
134 dB SPL RMS, 137 dB SPL peak
Dynamic range
Typ. 111 dB

Max. SPL, THD 10%
144 dB SPL peak
Power supply (for full performance)
For wireless systems: Min. 5 V - max. 10 V through DPA adapter. With DAD6001-BC: P48 (Phantom Power).
Will work from 12 V
Current consumption
Typ. 1.5 mA (microphone). 3.5 mA with DAD6001-BC XLR Adapter
Connector
MicroDot
Color
Black, beige, brown
Cable diameter
1.6 mm (0.06 in)
Temperature range
-40°C to 45°C (-40°F to 113°F)
Relative humidity (RH)
Up to 90%



Typical directional characteristics of a 40/42/4466 CORE Headset Microphone



Typical on-axis frequency response of a 40/42/4466 CORE Headset Microphone