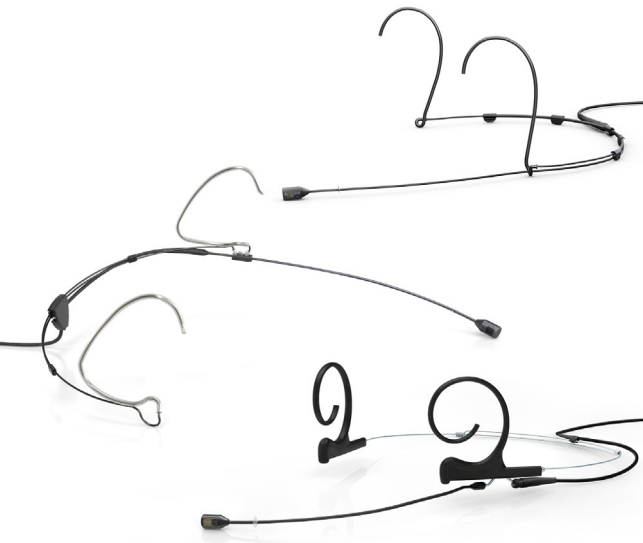


## Specifications

4088 CORE Directional Headset Microphones

4288 CORE Directional Headset Microphones

4488 CORE Directional Headset Microphones



core  
by DPA

[dpamicrophones.com/headset](http://dpamicrophones.com/headset)

### Service & repair

If you are not satisfied with the characteristics exhibited by this product, please go to [www.dpamicrophones.com/service](http://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.

# Specifications

## Directional characteristics

Cardioid

## Principle of operation

Pressure gradient

## Frequency

20 Hz - 20 kHz

## Effective frequency range, $\pm 2$ dB,

### Near field 2-3 cm (0.8 - 1.2 in)

100 Hz - 20 kHz (4 - 6 dB soft boost at 15 kHz)

## Sensitivity, nominal, $\pm 3$ dB at 1 kHz

6 mV/Pa; -44 dB re. 1 V/Pa

## Equivalent noise level, A-weighted

Typ. 26 dB(A) re. 20  $\mu$ Pa (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

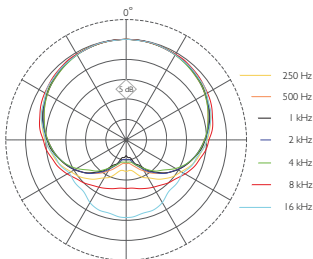
1.6 mm (0.06 in)

## Temperature range

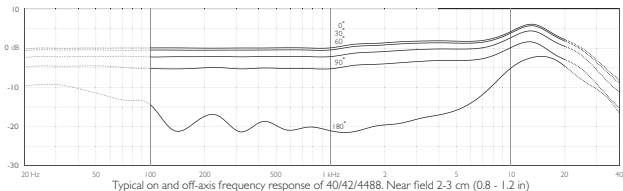
-40°C to 45°C (-40°F to 113°F)

## Relative humidity (RH)

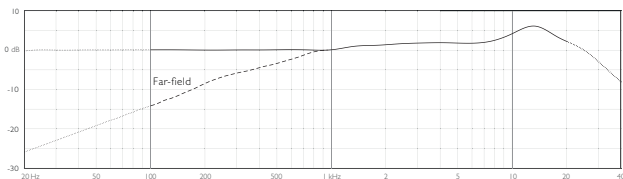
Up to 90%



Typical directional characteristics of 40/42/4488



Typical on and off-axis frequency response of 40/42/4488. Near field 2-3 cm (0.8 - 1.2 in)



Typical frequency response of 40/42/4488 in near field (2-3 cm / 0.8 - 1.2 in) and far field (> 1 m / > 40 in)