

d:fine™

Headset Microphones



d:fine™ Headset Microphones set the standard for headworn mic solutions. They are ideal for singers, public speakers, actors, musicians and broadcast professionals who insist on superior voice reproduction, comfort, easy setup and a small footprint.

d:fine™ Headset Microphones come in several colors, two patterns and several boom designs. They are also offered in single- or dual-ear mounts. d:fine™ Omnidirectional Headset Microphones are for situations where a broad

pickup pattern is essential and off-axis noise is not a problem. Directional versions offer maximum side rejection and excellent sonic focus on the subject.

For broadcast situations, d:fine™ In-Ear Broadcast Headset Microphones give uncompromising mic performance and convenient in-ear communication in one solution. As with all DPA's microphones, a full range of connectors are available for use with professional wireless systems.

Slim Omnidirectional Headset Microphone, Single-Ear

90 mm (3.5 in) or 110 mm (4.3 in) Boom



Key features

d:fine™ Slim Omnidirectional Headset Microphone offers accurate, natural speech intelligibility and very high-SPL handling making it the perfect choice for use in broadcast, live and conference applications. Users can adjust the d:fine™ Slim Omnidirectional Headset Microphone for

left or right ear placement by simply rotating the boom on the single earhook. This microphone comes with boom, cable and accessories like foam windscreens and a makeup cover.

Specifications

Directional characteristics

Omnidirectional

Frequency range, ±2 dB

20 Hz - 20 kHz with 3 dB soft boost at 8 - 15 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))

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

Typ. 68 dB(A)

Dynamic range

Typ. 97 dB

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

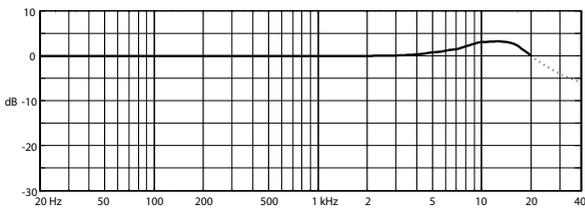
Connector

MicroDot

Cable length

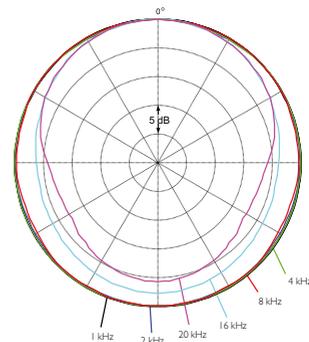
1.25 m (4.1 ft)

Frequency response



Polar pattern

Directional characteristics (normalized)



Order numbers: 90 mm (3.5 in) / 110 mm (4.3 in)

● FIOB00-M / FIOB00 ● FIOC00-M / FIOC00 ● FIOF00-M / FIOF00

Slim Omnidirectional Headset Microphone, Single-Ear

40 mm (1.57 in) Boom



Key features

This d:fine™ Slim Omnidirectional Headset Microphone comes with a short boom for low visibility. Features include high-SPL handling, excellent speech intelligibility plus a special makeup and moisture protection cap making it the perfect choice for theater and other live performance applications.

Users can adjust the d:fine™ Slim Omnidirectional Headset Microphone for left or right ear placement by simply rotating the boom on the single earhook. The mic comes with boom, cable and accessories like foam windscreens and a makeup cover.

Specifications

Directional characteristics

Omnidirectional

Frequency range, ±2 dB

20 Hz - 20 kHz with 3 dB soft boost at 8 - 15 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))

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

Typ. 68 dB(A)

Dynamic range

Typ. 97 dB

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

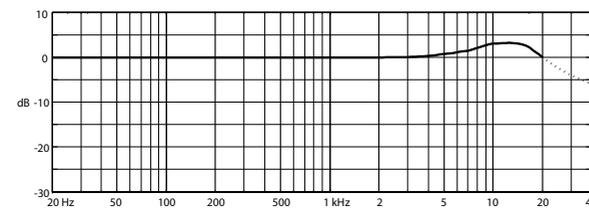
Connector

MicroDot

Cable length

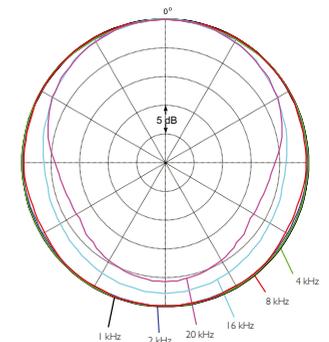
1.25 m (4.1 ft)

Frequency response



Polar pattern

Directional characteristics (normalized)



Order numbers:

● FIOB00-S ● FIOC00-S ● FIOF00-S

Slim Omnidirectional Headset Microphone, Dual-Ear

90 mm (3.5 in) or 110 mm (4.3 in) Boom



Key features

The d:fine™ Slim Omnidirectional Headset Microphone offers accurate, natural speech intelligibility and very high-SPL handling. This microphone is perfect for all applications where sound quality and mobility are required. The flexible headset and dual earhooks mean this mic will stay in position even during vigorous movement. It is easy to

change the cable and boom length. The boom can also be moved from one side to the other. The d:fine™ Slim Omnidirectional Headset Microphone comes with boom, cable and accessories like foam windscreens and a makeup cover.

Specifications

Directional characteristics

Omnidirectional

Frequency range, ±2 dB

20 Hz - 20 kHz with 3 dB soft boost at 8 - 15 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))

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

Typ. 68 dB(A)

Dynamic range

Typ. 97 dB

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

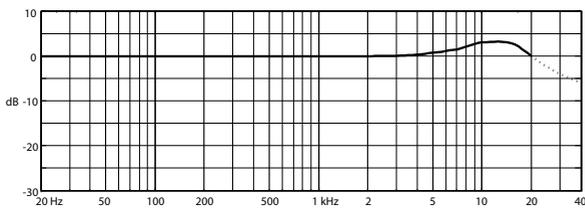
Connector

MicroDot

Cable length

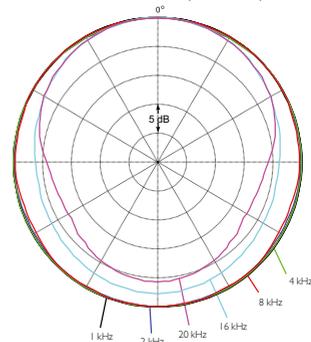
1.25 m (4.1 ft)

Frequency response



Polar pattern

Directional characteristics (normalized)



Order numbers: 90 mm (3.5 in) / 110 mm (4.3 in)

● FIOB00-M2 / FIOB00-2 ● FIOC00-M2 / FIOC00-2 ● FIOF00-M2 / FIOF00-2

Slim Directional Headset Microphone, Single-Ear

100 mm (3.9 in) or 120 mm (4.7 in) Boom



Key features

The d:fine™ Slim Directional Headset Microphone offers natural speech intelligibility and very high-SPL handling. Due to its efficient noise suppression and ease of placement, it is an excellent choice for use in auditoriums or conference rooms with elevated ambient noise. Users can adjust the

d:fine™ Slim Directional Headset Microphone for left or right ear placement by simply rotating the boom on the single earhook. The mic comes with boom, cable and accessories like foam windscreens and a makeup cover.

Specifications

Directional characteristics

Cardioid

Frequency range, ±2 dB, near field 2 to 3 cm (0.8 to 1.2 in)

100 Hz - 20 kHz with 3 dB soft boost at 8 - 20 kHz

Sensitivity, nominal, ±3 dB at 1 kHz

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

Equivalent noise level, A-weighted

Typ. 28 dB(A) re. 20 µPa (max. 30 dB(A))

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

Typ. 66 dB(A)

Dynamic range

Typ. 95 dB

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

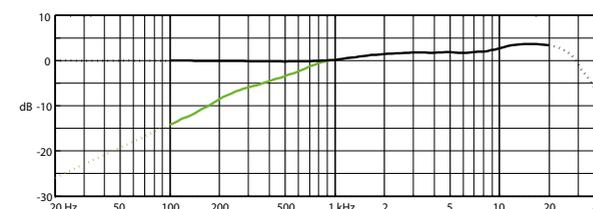
Connector

MicroDot

Cable length

1.25 m (4.1 ft)

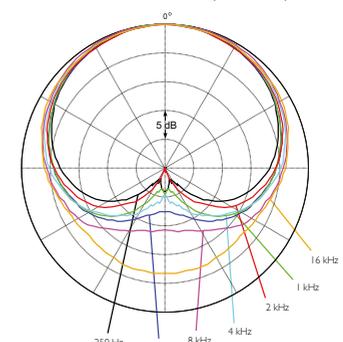
Frequency response



Black line is near field (2 - 3 cm/0.8 - 1.2 in).
Green line is far field (more than 30 cm/12 in).

Polar pattern

Directional characteristics (normalized)



Order numbers: 100 mm (3.9 in) / 120 mm (4.7 in)

● FIDB00-M / FIDB00 ● FIDC00-M / FIDC00 ● FIDF00-M / FIDF00

Slim Directional Headset Microphone, Dual-Ear

100 mm (3.9 in) or 120 mm (4.7 in) Boom



Key features

The d:fine™ Slim Directional Headset Microphone is perfect for stage performances in noisy surroundings. It offers accurate, natural speech intelligibility, suppression of background noise and very high-SPL handling. The flexible headset and the dual earhooks means this mic will stay in position even during vigorous movement. It is easy to

change the cable and boom length. The boom can also be moved from one side to the other. The d:fine™ Slim Directional Headset Microphone comes with boom, cable and accessories like foam windscreens and makeup cover.

Specifications

Directional characteristics

Cardioid

Frequency range, ±2 dB, near field 2 to 3 cm (0.8 to 1.2 in)

100 Hz - 20 kHz with 3 dB soft boost at 8 - 20 kHz

Sensitivity, nominal, ±3 dB at 1 kHz

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

Equivalent noise level, A-weighted

Typ. 28 dB(A) re. 20 µPa (max. 30 dB(A))

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

Typ. 66 dB(A)

Dynamic range

Typ. 95 dB

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

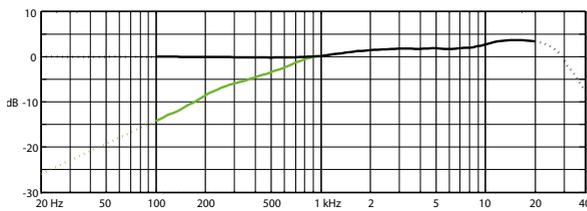
Connector

MicroDot

Cable length

1.25 m (4.1 ft)

Frequency response



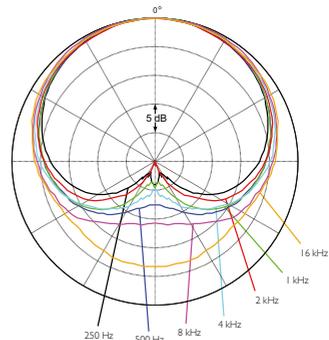
Black line is near field (2 - 3 cm/0.8 - 1.2 in).
Green line is far field (more than 30 cm/12 in).

Order numbers: 100 mm (3.9 in) / 120 mm (4.7 in)

● FIDB00-M2 / FIDB00-2 ● FIDC00-M2 / FIDC00-2 ● FIDF00-M2 / FIDF00-2

Polar pattern

Directional characteristics (normalized)



66 Single-Ear Omnidirectional Headset Microphone

90 mm (3.5 in) and 110 mm (4.3 in) Boom



Key features

The d:fine™ 66 Single-Ear Omnidirectional Headset Microphone features a single ear mount that can be oriented on the speaker's left or right side. It comes in black, brown or beige with two boom lengths. The capsule is DPA's legacy d:fine™ 4066, which offers transparent operation with high headroom and output optimized for

the input sensitivity of most wireless transmitters. The d:fine™ 66 Omnidirectional Headset Microphone is designed to be humidity resistant and comes with a soft boost grid and five windscreens. An optional high boost grid is available.

Specifications

Directional characteristics

Omnidirectional

Frequency range, ±2 dB

Soft boost grid: 20 Hz - 20 kHz, 3 dB soft boost at 8 - 20 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))

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

68 dB(A)

Dynamic range

Typ. 97 dB

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

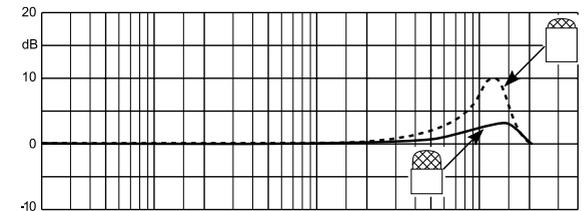
Connector

MicroDot

Cable length

1.25 m (4.1 ft)

Frequency response



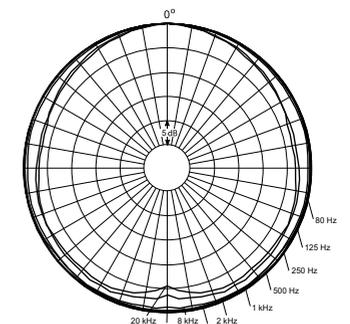
Dotted line is with high boost grid and solid line with soft boost grid.

Order numbers: 90 mm (3.5 in) / 110 mm (4.3 in)

● FIO66B00-M / FIO66B00 ● FIO66C00-M / FIO66C00 ● FIO66F00-M / FIO66F00

Polar pattern

Directional characteristics (normalized)



66 Dual-Ear Omnidirectional Headset Microphone

90 mm (3.5 in) or 110 mm (4.3 in) Boom



Key features

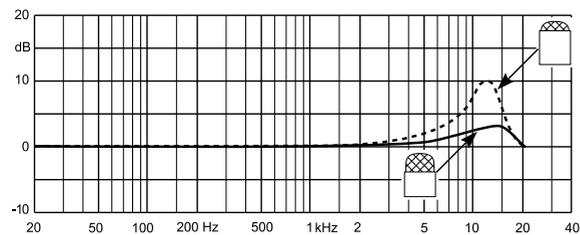
Perfect for performers in motion, the d:fine™ 66 Dual-Ear Omnidirectional Headset Microphone uses a sturdy, comfortable dual-ear headset that is available in black, brown or beige. The d:fine™ 4066 Omnidirectional Capsule is optimized for high speech intelligibility, low distortion and humidity

resistance and can be mounted on different boom lengths. Designed for professional use, the connector splits the cable from the microphone boom allowing for quick swapping of broken cables and/or wireless connectors. An optional high boost grid is available.

Specifications

Directional characteristics Omnidirectional	Dynamic range Typ. 97 dB
Frequency range, ±2 dB Soft boost grid: 20 Hz – 20 kHz, 3 dB soft boost at 8 – 20 kHz	Max. SPL, peak before clipping 144 dB
Sensitivity, nominal, ±3 dB at 1 kHz 6 mV/Pa; -44 dB re. 1 V/Pa	Power supply (for full performance) Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter
Equivalent noise level, A-weighted Typ. 26 dB(A) re. 20 µPa (max. 28 dB(A))	Connector MicroDot
S/N ratio, re. 1 kHz at 1 Pa (94 dB SPL) 68 dB (A)	Cable length 1.25 m (4.1 ft)

Frequency response



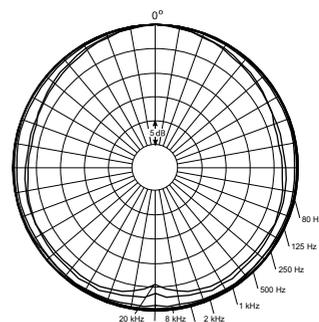
Dotted line is with high boost grid (optional) and solid line with soft boost grid.

Order numbers: 90 mm (3.5 in) / 110 mm (4.3 in)

- FIO66B00-M2 / FIO66B00-2
- FIO66C00-M2 / FIO66C00-2
- FIO66F00-M2 / FIO66F00-2

Polar pattern

Directional characteristics (normalized)



88 Single-Ear Directional Headset Microphone

100 mm (3.9 in) or 120 mm (4.7 in) Boom



Key features

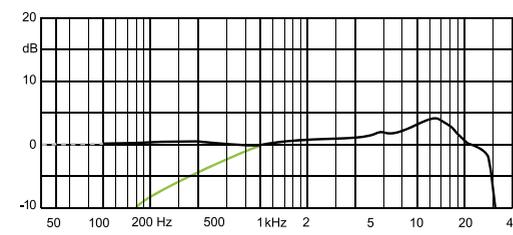
The d:fine™ 88 Single-Ear Directional Headset Microphone is the perfect choice when off-axis noise is a challenge. It comes in black, brown or beige, offering supreme comfort and a low profile. By rotating the boom, the d:fine™ 88 Single-Ear Directional Headset

Microphone can be oriented on the performer's left or right side. The capsule is optimized for natural, open vocal reproduction and it comes in two boom lengths. The headset features a pre-mounted makeup and moisture filter and three foam windscreens.

Specifications

Directional characteristics Cardioid	Max. SPL, peak before clipping 144 dB
Frequency range, ±2 dB, Near field 2-3 cm 100 Hz – 20 kHz (4 – 6 dB soft boost at 15 kHz)	Power supply (for full performance) Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter
Sensitivity, nominal, ±3 dB at 1 kHz 6 mV/Pa; 44 dB re. 1 V/Pa	Connector MicroDot
Equivalent noise level, A-weighted Typ. 28 dB(A) re. 20 µPa (max. 30 dB(A))	Cable length 1.25 m (4.1 ft)
S/N ratio, re. 1 kHz at 1 Pa (94 dB SPL) 66 dB (A)	
Dynamic range Typ. 97 dB	

Frequency response



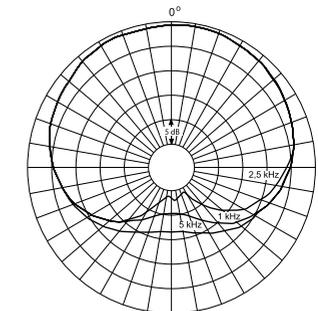
Black line is near field (2 – 3 cm/0.8 – 1.2 in).
Green line is far field (more than 30 cm/12 in).

Order numbers: 100 mm (3.9 in) / 120 mm (4.7 in)

- FID88B00-M / FID88B00
- FID88C00-M / FID88C00
- FID88F00-M / FID88F00

Polar pattern

Directional characteristics (normalized)



88 Dual-Ear Directional Headset Microphone

100 mm (3.9 in) or 120 mm (4.7 in) Boom



Key features

Designed for use on high energy performers in challenging acoustical environments, the d:fine™ 88 Dual-Ear Directional Headset Microphone features DPA's signature d:fine™ 4088 Directional Capsule, which offers clear and natural voice reproduction and excellent

off-axis rejection in high-SPL situations. The boom can be oriented on the left or right and comes in black, brown or beige. The package comes with three windscreens and a cable clip for anchoring to the performer's clothing or costume.

Specifications

Directional characteristics

Cardioid

Frequency range, ±2 dB, Near field 2-3 cm

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

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

68 dB (A)

Dynamic range

Typ. 97 dB

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

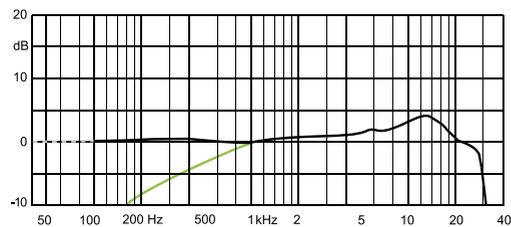
Connector

MicroDot

Cable length

1.25 m (4.1 ft)

Frequency response



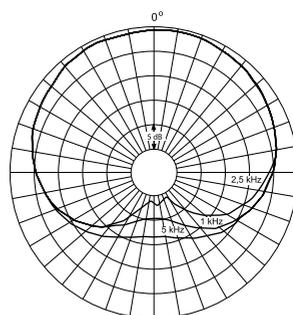
Black line is near field (2 – 3 cm/0.8 – 1.2 in).
Green line is far field (more than 30 cm/12 in).

Order numbers: 100 mm (3.9 in) / 120 mm (4.7 in)

● FID88B00-M2 / FID88B00-2 ● FID88C00-M2 / FID88C00-2 ● FID88F00-M2 / FID88F00-2

Polar pattern

Directional characteristics (normalized)



Slim In-Ear Broadcast Headset Microphone, Omnidirectional, Single-Ear Mount, Single In-Ear



Key features

d:fine™ Headset Microphones deliver the clearest, most transparent and natural vocal sound available on the headset market. d:fine™ Slim In-Ear Broadcast Headset Microphones combine this outstanding microphone quality with convenient in-ear communication.

The Single-Ear Mount, Single In-Ear construction fits any ear. Our spring steel construction integrates the cable within the earhook for fast, easy mounting and amazing comfort. Simply rotate the boom to adjust for left or right ear placement.

Specifications

Directional characteristics

Omnidirectional

Frequency range, ±2 dB

20 Hz - 20 kHz with 3 dB soft boost at 8 - 15 kHz

Microphone 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))

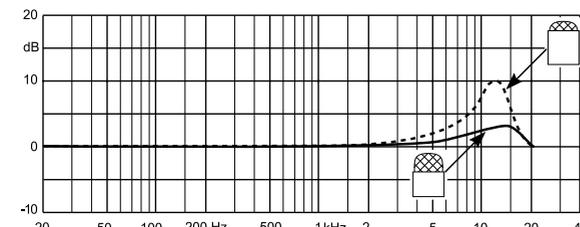
Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

Frequency response



Dotted line is with high boost grid (optional) and solid line with soft boost grid.

Order numbers:

● FIOB00-IE1-B ● FIOF00-IE1-B

Connectors

Microphone: MicroDot

In-Ear: 3.5 mm Stereo Mini-Jack

(Single In-Ear: Signal: Tip, Dual In-Ear: Left: Tip, Right: Ring)

Headphones

Type

Dynamic earplug with two sizes of ear adapters

Sensitivity

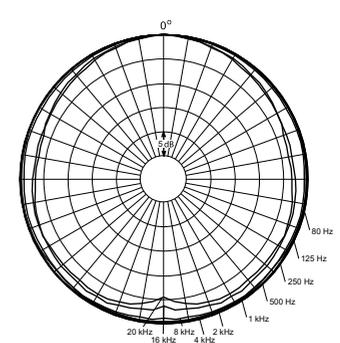
107 dB/V

Nominal impedance

18 Ω

Polar pattern

Directional characteristics (normalized)



Slim In-Ear Broadcast Headset Microphone, Directional, Single-Ear Mount, Single In-Ear



Key features

d:fine™ Headset Microphones deliver the clearest, most transparent and natural vocal sound available on the headset market. d:fine™ Slim In-Ear Broadcast Headset Microphones combine this outstanding microphone quality with convenient in-ear communication.

The Single-Ear Mount, Single In-Ear construction fits any ear. Our spring steel construction integrates the cable within the earhook for fast, easy mounting and amazing comfort. Simply rotate the boom to adjust for left or right ear placement.

Specifications

Directional characteristics

Directional

Frequency range, ±2 dB:

100 Hz - 20 kHz with 3 dB soft boost at 8 - 20 kHz

Microphone Sensitivity, nominal, ±3 dB at 1 kHz

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

Equivalent noise level, A-weighted

Typ. 28 dB(A) re. 20 µPa (max. 30 dB(A)).

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

Connectors

Microphone: MicroDot

In-Ear: 3.5 mm Stereo Mini-Jack

(Single In-Ear: Signal: Tip. Dual In-Ear: Left: Tip, Right: Ring)

Headphones

Type

Dynamic earplug with two sizes of ear adapters

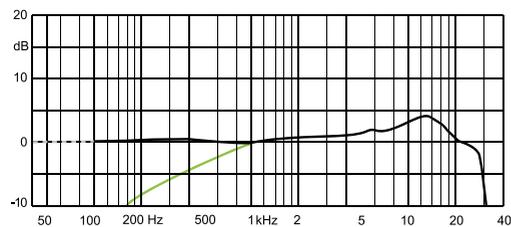
Sensitivity

107 dB/V

Nominal impedance

18 Ω

Frequency response

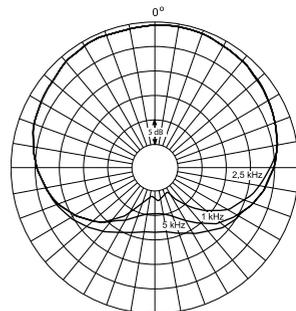


Black line is near field (2 – 3 cm/0.8 – 1.2 in).
Green line is far field (more than 30 cm/12 in).

Order numbers:

● FIDB00-1E1-B ● FIDF00-1E1-B

Polar pattern
Directional characteristics (normalized)



Slim In-Ear Broadcast Headset Microphone, Omnidirectional, Dual-Ear Mount, Single In-Ear



Key features

d:fine™ Headset Microphones deliver the clearest, most transparent and natural vocal sound available on the headset market. d:fine™ Slim In-Ear Broadcast Headset Microphones combine this outstanding microphone quality with convenient in-ear communication.

The Dual-Ear Mount, Single In-Ear provides great mounting stability. Our spring steel construction integrates the cable within the earhook for fast, easy mounting and amazing comfort.

Specifications

Directional characteristics

Omnidirectional

Frequency range, ±2 dB

d:fine Omni: 20 Hz - 20 kHz with 3 dB soft boost at 8 - 15 kHz

Microphone 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)).

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

Connectors

Microphone: MicroDot

In-Ear: 3.5 mm Stereo Mini-Jack

(Single In-Ear: Signal: Tip. Dual In-Ear: Left: Tip, Right: Ring)

Headphones

Type

Dynamic earplug with two sizes of ear adapters

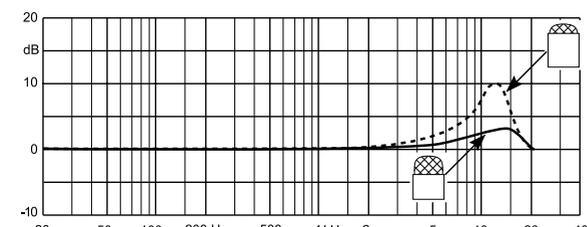
Sensitivity

107 dB/V

Nominal impedance

18 Ω

Frequency response

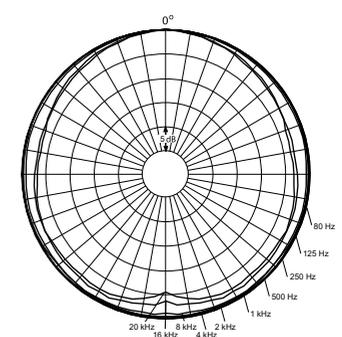


Dotted line is with high boost grid (optional) and solid line with soft boost grid.

Order numbers:

● FIOB00-2-1E1-B ● FIOF00-2-1E1-B

Polar pattern
Directional characteristics (normalized)



66 Omni In-Ear Broadcast Headset, Dual-Ear Mount, Single In-Ear



Key features

d:fine™ Headset Microphones deliver the clearest, most transparent and natural vocal sound available on the headset market. d:fine™ In-Ear Broadcast Headset Microphones combine this outstanding microphone quality with convenient in-ear communication.

The Dual-Ear Mount, Single In-Ear provides great mounting stability. Our spring steel construction integrates the cable within the earhook for fast, easy mounting and amazing comfort.

Specifications

Directional characteristics

Omnidirectional

Frequency range, ±2 dB

20 Hz - 20 kHz with 3 dB soft boost at 8 - 20 kHz

Microphone 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))

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

Connectors

Microphone: MicroDot

In-Ear: 3.5 mm Stereo Mini-Jack

(Single In-Ear: Signal: Tip. Dual In-Ear: Left: Tip, Right: Ring)

Headphones

Type

Dynamic earplug with two sizes of ear adapters

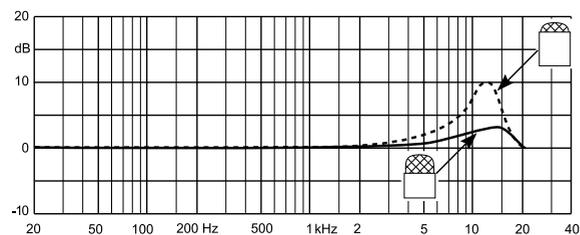
Sensitivity

107 dB/V

Nominal impedance

18 Ω

Frequency response



Dotted line is with high boost grid (optional) and solid line with soft boost grid.

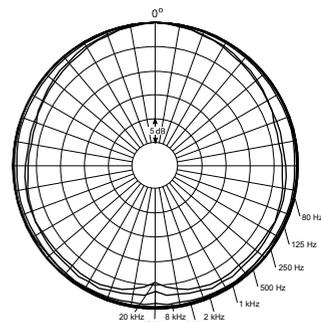
Order numbers:

● FIO66B00-2-IE1-B

● FIO66F00-2-IE1-B

Polar pattern

Directional characteristics (normalized)



Slim In-Ear Broadcast Headset Microphone, Directional, Dual-Ear Mount, Single In-Ear



Key features

d:fine™ Headset Microphones deliver the clearest, most transparent and natural vocal sound available on the headset market. d:fine™ Slim In-Ear Broadcast Headset Microphones combine this outstanding microphone quality with convenient in-ear communication.

The Dual-Ear Mount, Single In-Ear provides great mounting stability. Our spring steel construction integrates the cable within the earhook for fast, easy mounting and amazing comfort. Perfect for use in auditoriums or conference rooms with noisy surroundings.

Specifications

Directional characteristics

Directional

Frequency range, ±2 dB

100 Hz - 20 kHz with 3 dB soft boost at 8 - 20 kHz

Microphone Sensitivity, nominal, ±3 dB at 1 kHz

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

Equivalent noise level, A-weighted

Typ. 28 dB(A) re. 20 µPa (max. 30 dB(A))

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

Connectors

Microphone: MicroDot

In-Ear: 3.5 mm Stereo Mini-Jack

(Single In-Ear: Signal: Tip. Dual In-Ear: Left: Tip, Right: Ring)

Headphones

Type

Dynamic earplug with two sizes of ear adapters

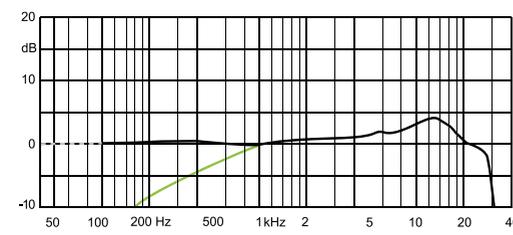
Sensitivity

107 dB/V

Nominal impedance

18 Ω

Frequency response



Black line is near field (2 - 3 cm/0.8 - 1.2 in).
Green line is far field (more than 30 cm/12 in).

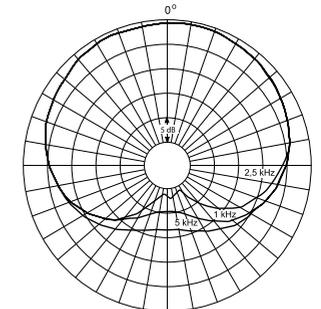
Order numbers:

● FIDB00-2-IE1-B

● FIDF00-2-IE1-B

Polar pattern

Directional characteristics (normalized)



88 Directional In-Ear Broadcast Headset, Dual-Ear Mount, Single In-Ear



Key features

d:fine™ Headset Microphones deliver the clearest, most transparent and natural vocal sound available on the headset market. d:fine™ In-Ear Broadcast Headset Microphones combine this outstanding microphone quality with convenient in-ear communication.

The Dual-Ear Mount, Single In-Ear provides great mounting stability. Our spring steel construction integrates the cable within the earhook for fast, easy mounting and amazing comfort. Features DPA's signature d:fine™ 4088 Directional Capsule for clear, natural voice reproduction and excellent off-axis rejection in high SPL situations.

Specifications

Directional characteristics

Omnidirectional

Frequency range, ±2 dB

100 Hz - 20 kHz with 4-6 dB soft boost at 1.5 kHz

Microphone Sensitivity, nominal, ±3 dB at 1 kHz

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

Equivalent noise level, A-weighted

Typ. 28 dB(A) re. 20 µPa (max. 30 dB(A))

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

Connectors

Microphone: MicroDot

In-Ear: 3.5 mm Stereo Mini-Jack

(Single In-Ear: Signal: Tip. Dual In-Ear: Left: Tip, Right: Ring)

Headphones

Type

Dynamic earplug with two sizes of ear adapters

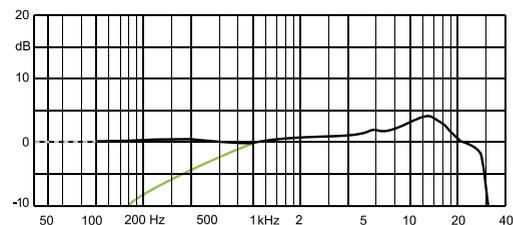
Sensitivity

107 dB/V

Nominal impedance

18 Ω

Frequency response



Black line is near field (2 – 3 cm/0.8 – 1.2 in).
Green line is far field (more than 30 cm/12 in).

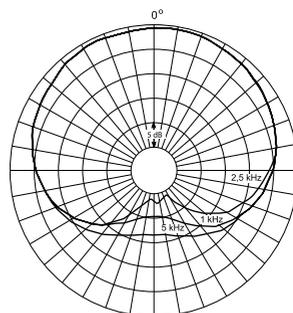
Order numbers:

● FID88B00-2-IE1-B

● FID88F00-2-IE1-B

Polar pattern

Directional characteristics (normalized)



Slim In-Ear Broadcast Headset Microphone, Omnidirectional, Dual-Ear Mount, Dual In-Ear



Key features

d:fine™ Headset Microphones deliver the clearest, most transparent and natural vocal sound available on the headset market. d:fine™ Slim In-Ear Broadcast Headset Microphones combine this outstanding microphone quality with convenient in-ear communication.

The Dual-Ear Mount, Dual In-Ear allows for two-channel monitoring from producers or for stereo stage monitoring. Our spring steel construction integrates the cable within the earhook for fast, easy mounting and amazing comfort for any ear size.

Specifications

Directional characteristics

Omnidirectional

Frequency range, ±2 dB

d:fine Omni: 20 Hz - 20 kHz with 3 dB soft boost at 8 - 15 kHz

Microphone 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))

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

Connectors

Microphone: MicroDot

In-Ear: 3.5 mm Stereo Mini-Jack

(Single In-Ear: Signal: Tip. Dual In-Ear: Left: Tip, Right: Ring)

Headphones

Type

Dynamic earplug with two sizes of ear adapters

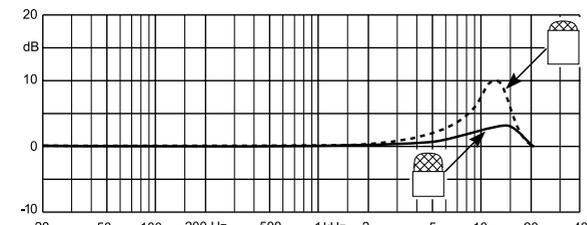
Sensitivity

107 dB/V

Nominal impedance

18 Ω

Frequency response



Dotted line is with high boost grid (optional) and solid line with soft boost grid.

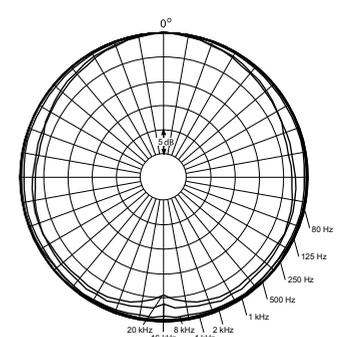
Order numbers:

● FIOB00-2-IE2-B

● FIOF00-2-IE2-B

Polar pattern

Directional characteristics (normalized)



66 Omnidirectional In-Ear Broadcast Headset, Dual-Ear Mount, Dual In-Ear



Key features

d:fine™ Headset Microphones deliver the clearest, most transparent and natural vocal sound available on the headset market. d:fine™ In-Ear Broadcast Headset Microphones combine this outstanding microphone quality with convenient in-ear communication.

The Dual-Ear Mount, Dual In-Ear allows for two-channel monitoring from producers or for stereo stage monitoring. Our spring steel construction integrates the cable within the earhook for fast, easy mounting and amazing comfort for any ear size.

Specifications

Directional characteristics

Omnidirectional

Frequency range, ±2 dB

20 Hz - 20 kHz with 3 dB soft boost at 8 - 20 kHz

Microphone 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))

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD600I-BC XLR adapter

Connectors

Microphone: MicroDot

In-Ear: 3.5 mm Stereo Mini-Jack

(Single In-Ear: Signal: Tip. Dual In-Ear: Left: Tip, Right: Ring)

Headphones

Type

Dynamic earplug with two sizes of ear adapters

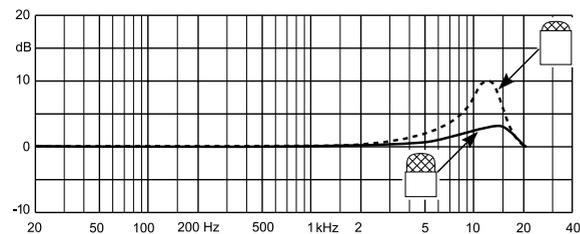
Sensitivity

107 dB/V

Nominal impedance

18 Ω

Frequency response



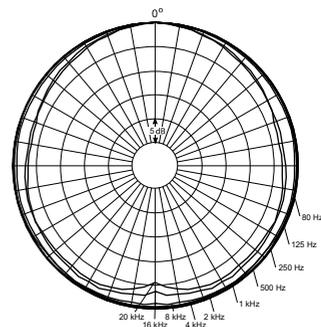
Dotted line is with high boost grid (optional) and solid line with soft boost grid.

Order number:

● FIO66F00-IE2-B

Polar pattern

Directional characteristics (normalized)



Slim In-Ear Broadcast Headset Microphone, Directional, Dual-Ear Mount, Dual In-Ear



Key features

d:fine™ Headset Microphones deliver the clearest, most transparent and natural vocal sound available on the headset market. d:fine™ Slim In-Ear Broadcast Headset Microphones combine this outstanding microphone quality with convenient in-ear communication.

The Dual-Ear Mount, Dual In-Ear allows for two-channel monitoring from producers or for stereo stage monitoring. Our spring steel construction integrates the cable within the earhook for fast, easy mounting and amazing comfort for any ear size.

Specifications

Directional characteristics

Directional

Frequency range, ±2 dB

100 Hz - 20 kHz with 3 dB soft boost at 8 - 20 kHz

Microphone Sensitivity, nominal, ±3 dB at 1 kHz

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

Equivalent noise level, A-weighted:

Typ. 28 dB(A) re. 20 µPa (max. 30 dB(A))

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD600I-BC XLR adapter

Connectors

Microphone: MicroDot

In-Ear: 3.5 mm Stereo Mini-Jack

(Single In-Ear: Signal: Tip. Dual In-Ear: Left: Tip, Right: Ring)

Headphones

Type

Dynamic earplug with two sizes of ear adapters

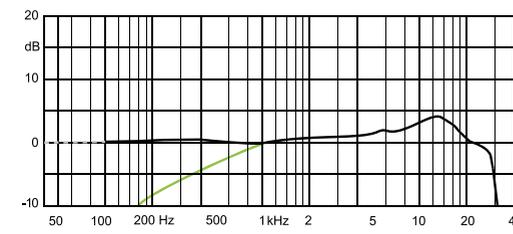
Sensitivity

107 dB/V

Nominal impedance

18 Ω

Frequency response



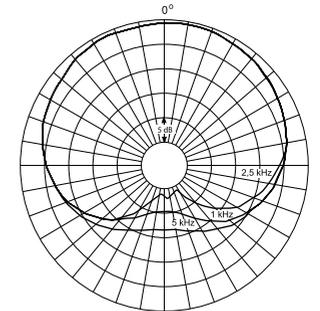
Black line is near field (2 – 3 cm/0.8 – 1.2 in).
Green line is far field (more than 30 cm/12 in).

Order numbers:

● FIDB00-2-IE2-B ● FIDF00-2-IE2-B

Polar pattern

Directional characteristics (normalized)



88 Directional In-Ear Broadcast Headset, Dual-Ear Mount, Dual In-Ear



Key features

d:fine™ Headset Microphones deliver the clearest, most transparent and natural vocal sound available on the headset market. d:fine™ In-Ear Broadcast Headset mics combine this outstanding microphone quality with convenient in-ear communication. The Dual-Ear Mount, Dual In-Ear allows

for two-channel monitoring from producers or for stereo stage monitoring. With its signature d:fine™ 4088 Directional Capsule and excellent off-axis rejection in high-SPL situations, the microphone is perfect for use in auditoriums or conference rooms with noisy surroundings.

Specifications

Directional characteristics

Directional

Frequency range, ±2 dB

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

Microphone Sensitivity, nominal, ±3 dB at 1 kHz

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

Equivalent noise level, A-weighted

Typ. 28 dB(A) re. 20 µPa (max. 30 dB(A))

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

Connectors

Microphone: MicroDot

In-Ear: 3.5 mm Stereo Mini-Jack

(Single In-Ear: Signal: Tip. Dual In-Ear: Left: Tip, Right: Ring)

Headphones Type

Dynamic earplug with two sizes of ear adapters

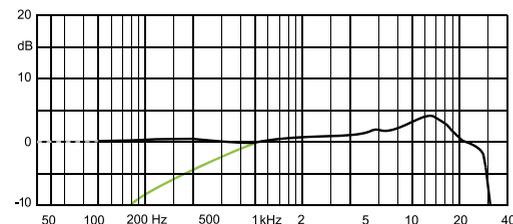
Sensitivity

107 dB/V

Nominal impedance

18 Ω

Frequency response



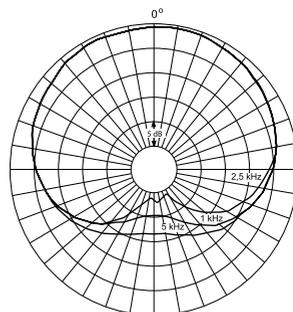
Black line is near field (2 – 3 cm/0.8 – 1.2 in).
Green line is far field (more than 30 cm/12 in).

Order number:

● FID88F00-IE2-B

Polar pattern

Directional characteristics (normalized)



4066 Omnidirectional Headset Microphone



Key features

The d:fine™ 4066 Omnidirectional Headset is flexible and easily adjustable. It offers pristine sound and plenty of headroom. For years this microphone has been the chosen headset microphone for broadcasters and in Broadway and West End theaters.

Users can expect reliable operation and consistent quality under rigorous and humid conditions no matter the position of the microphone. The mic boom can be mounted on either the right or left side.

Specifications

Directional characteristics:

Omnidirectional

Frequency range, ±2 dB:

Soft boost grid: 20 Hz – 20 kHz, 3 dB soft boost at 8 – 20 kHz

High boost grid: 20 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))

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

68 dB (A)

Dynamic range

Typ. 97 dB

Max. SPL, peak before clipping

144 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

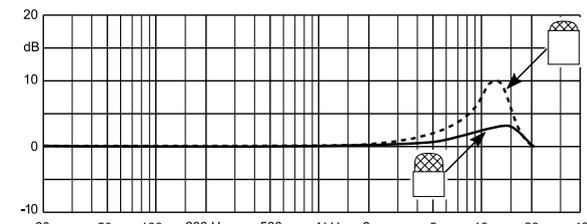
Connector

MicroDot

Cable length

1.25 m (4.1 ft)

Frequency response



Dotted line is with high boost grid (optional) and solid line with soft boost grid.

Order numbers:

● 4066-B ● 4066-C ● 4066-F

Polar pattern

Directional characteristics (normalized)

