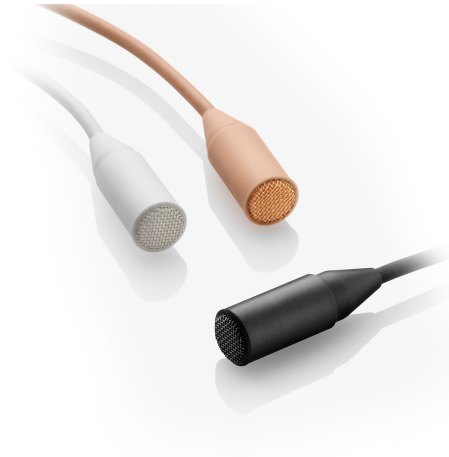


d:screet™



4071-BM, d:screet™ 4071 Omnidirectional Microphone, Low-cut, Presence Boost

Tiny mic with big and sound; increased speech intelligibility, ideal for the reporter in the studio or in the field, or film production use.

distortion and an extremely large dynamic range, they sound great no matter the application.

Order#: SC4071

The New d:screet™ 4071 Miniature Microphones are the versatile workhorses that adapts to your needs. With eminent sound quality, a large range of accessories, and adapters available for all pro wireless systems, the d:screet Miniature Mics are the obvious choice for any application requiring a big sound and a small footprint. An outstanding speech and vocal mic, the d:screet™ 4071 will make your voice heard and intelligible. Use it for all ENG/EFP and even applications which require small microphones that are resistant to moisture, extreme temperature change and humidity. When recording voices from mic placement on a performer's body, no frequency below 100 Hz is attractive. For this reason, an acoustical low-cut has been incorporated in the d:screet 4071 capsule so the built-in pre amp (and the wireless system) will have much larger headroom. Furthermore, it removes distant rumbling from cars, trains, airplanes, etc. Another and equally important consideration is that when placing a microphone on the body, especially on the chest, the frequency range of the consonants is damped, resulting in poor intelligibility. The d:screet 4071 has a built-in boost to compensate for this loss. Especially for ENG work the d:screet 4071 is perfect because almost no ENG mixer leaves any possibility for a compensation of this kind. The New d:screet™ 4071 Miniature Omnidirectional Microphones are available in four colors: black, brown, beige and white.

Key features

- Extremely rugged and reliable
- Exceptional audio quality with low noise and high sensitivity
- Adapts to all pro wireless systems
- Large selection of accessories

Industry leading sound quality

With very low noise and an extremely high sensitivity, the d:screet™ Miniature Mics offer the most clear, transparent, and natural sound available on the miniature mic market. The mics are capable of handling up to 144 dB peak before clipping, and with a linear response and low

A durable package

The d:screet™ 4071 Miniature Mics are designed to withstand the toughest of conditions. Our unique Double Vent Protection System allows for a great resistance to humidity and sweat. Our d:screet Miniature Omnidirectional Mics design features a reinforced cable relief which is built to withstand the constant twists, bends, and pulls that are part of the everyday use. With a gold treated diaphragm and microphone housing plus a kevlar reinforced cable, the d:screets are made to endure. The d:screet 4071 Miniature Omnidirectional Microphones are the reliable workhorse you can count on.

Flexibility and wireless adaptability

The d:screet™ Miniature Microphones are the versatile workhorses that adapts to your needs. With eminent sound quality, a large range of accessories, and adapters available for all pro wireless systems, the d:screet Miniature Mics are the obvious choice for any application requiring a big sound and a small footprint. The d:screet™ Miniature Microphones and accessories allow for a broad range of applications. Whether reproducing the voice or an instrument in either a film, theater, television, or other close-miking settings, the mics will not disappoint.

Related microphones

The FMK4071 film microphone kit is made for film or TV production where the microphone needs to be invisible. The EMK4071 ENG/EFP microphone kit is configured to include the mic and accessories necessary for electronic news gathering and electronic field production. The original d:screet™ 4071 Miniature Mics without the reinforced cable relief are still available upon request.

For more information please visit:  
[www.dpamicrophones.com](http://www.dpamicrophones.com)

# 4071-BM, d:screet™ 4071 Omnidirectional Microphone, Low-cut, Presence Boost

## Directional characteristics:

Omnidirectional

## Principle of operation:

Pressure

## Cartridge type:

Pre-polarized condenser element with vertical diaphragm

## Frequency range, ± 2 dB:

100 Hz – 15 kHz with typ. 5 dB soft boost at 4 – 6 kHz

## Sensitivity, nominal, ±3 dB:

6 mV/Pa ved 1 kHz; -44.4 dB re. 1 V/Pa

## Equivalent noise level A-weighted:

Typ. 26 dB(A) re. 20 µPa (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 % THD up to 123 dB SPL peak; < 1 % up to 120 dB SPL RMS sine

## 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:

For wireless systems: Min. 5 V – max. 50 V through DPA adapter. With DAD6001-BC/DAD6024/DAD4099: 48 V phantom power ±4 V for full performance.

## Connector:

MicroDot

## Color:

Black, beige or white

## Microphone weight:

9 g (0.32 oz) incl. cable and MicroDot connector

## Microphone diameter:

5.4 mm (0.2 in)

## Microphone length:

17 mm (0.67 in)

## Cable length:

1.8 m (5.9 ft)

## Cable diameter:

1.6 mm (0.06 in)

## Polarity:

Positively increasing sound pressure produces positive going voltage on MicroDot pin

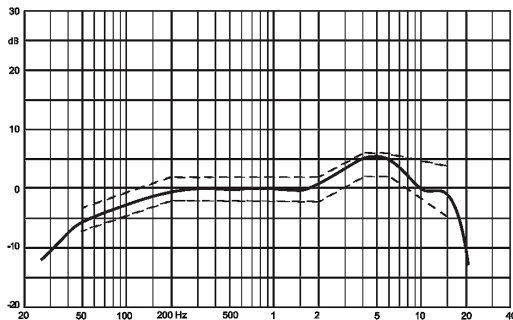
## Operating temperature range:

-10 to 45°C (14 to 113°F)

## Diagrams

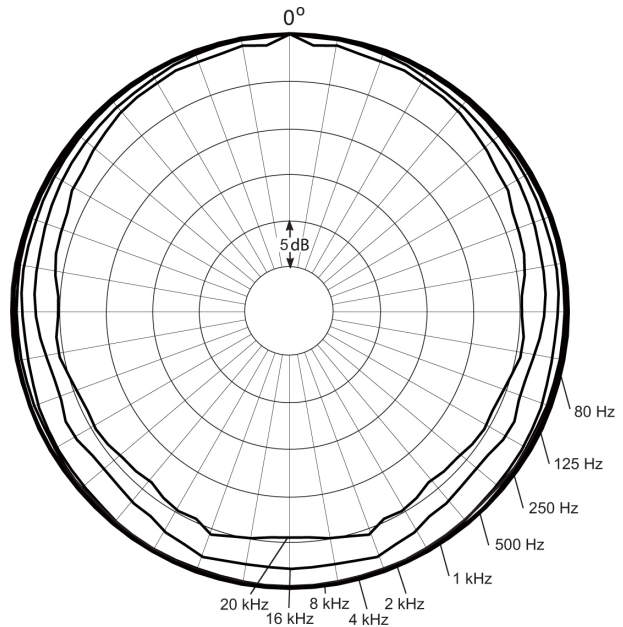
### 4071-BM, d:screet™ 4071 Omnidirectional Microphone, Low-cut, Presence Boost

On-axis frequency response of DPA 4071-BM



On-axis frequency response of DPA 4071-BM

Directional Characteristics of DPA 4071



Directional Characteristics of DPA 4071



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