

Live, broadcast, installation and field applications

d:screet™ Miniature Omnidirectional Microphones and accessories are ideal for a broad range of applications. Whether reproducing the voice or an instrument in film, theater, television, or other close-miking settings, the mics will not disappoint.



d:screet™ Miniature Omnidirectional Microphones

- SC4060 d:screet™ Miniature Omnidirectional Microphone, Hi-Sens
- SC4061 d:screet™ Miniature Omnidirectional Microphone, Lo-Sens
- SC4062 d:screet™ Miniature Omnidirectional Microphone, XLo-Sens
- SC4063 d:screet™ Miniature Omnidirectional Microphone, Lo-Sens & DC
- SC4071 d:screet™ Miniature Omnidirectional Microphone, Lo-Cut, Presence Boost

Directional characteristics:

Omnidirectional

Principle of operation:

Pressure

Cartridge type:

Pre-polarized condenser element with vertical diaphragm

Frequency range, ±2 dB:

SC4060, SC4061, SC4062, SC4063, SCO60-H, SCO61-H:
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
SC4071, SCO71-H: 100 Hz – 15 kHz with typ. 5 dB soft boost at 4 – 6 kHz

Sensitivity, nominal, ±3 dB at 1 kHz:

SC4060, SCO60-H: 20 mV/Pa; -34 dB re. 1 V/Pa
SC4061, SCO61-H, SC4063, SC4071, SCO71-H: 6 mV/Pa; -44 dB re. 1 V/Pa
SC4062: 1 mV/Pa; -60 dB re. 1 V/Pa

Equivalent noise level, A-weighted:

SC4060, SCO60-H: Typ. 23 dB(A) re. 20 µPa (max. 26 dB(A))
SC4061, SCO61-H, SC4063, SC4071, SCO71-H: Typ. 26 dB(A) re. 20 µPa (max. 28 dB(A))
SC4062: Typ. 33 dB(A) re. 20 µPa (max. 37 dB(A))

Equivalent noise level, ITU-R BS.468-4:

SC4060, SCO60-H: Typ. 35 dB (max. 38 dB)
SC4061, SCO61-H, SC4063, SC4071, SCO71-H: Typ. 38 dB (max. 40 dB)
SC4062: Typ. 45 dB (max. 49 dB)

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

SC4060, SCO60-H: 71 dB(A)
SC4061, SCO61-H, SC4063, SC4071, SCO71-H: 68 dB(A)
SC4062: 61 dB(A)

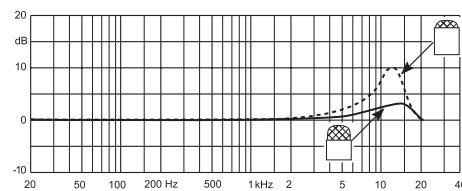
Total Harmonic Distortion (THD):

<1% up to 123 dB SPL peak; <1% up to 120 dB SPL RMS sine

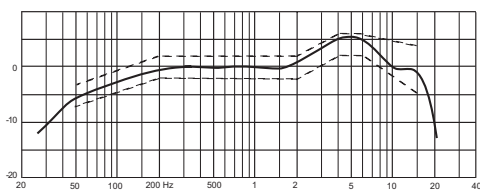
Dynamic range:

SC4060, SCO60-H: Typ. 100 dB
SC4061, SCO61-H, SC4063, SC4071, SCO71-H: Typ. 97 dB
SC4062: Typ. 90 dB

Frequency Response (all except SC4071 & SCO71-H)



Frequency Response (SC4071 & SCO71-H)



SCO60-H d:screet™ Miniature Omnidirectional Microphone, Heavy Duty, Hi-Sens

SCO61-H d:screet™ Miniature Omnidirectional Microphone, Heavy Duty, Lo-Sens

SCO71-H d:screet™ Miniature Omnidirectional Microphone, Heavy Duty, Lo-Cut, Presence Boost

Max. SPL, peak before clipping:

SC4060, SCO60-H: 134 dB
SC4061, SCO61-H, SC4071, SCO71-H: 144 dB
SC4062: 154 dB
SC4063: 138 dB

Output impedance:

30 – 40 Ω

Cable drive capability:

Up to 300 m (984 ft)

Power supply:

For wireless systems: Min. 5 V to max. 50 V through DPA adapter
With DPA XLR adapter: 48 V phantom power ±4 V

Connector:

MicroDot

Microphone weight:

SC4060, SC4061, SC4062, SC4063:
7.5 g (0.26 oz) incl. cable and MicroDot connector
SC4071: 9 g (0.32 oz) incl. cable and MicroDot connector
SCO60-H, SCO61-H: 13 g (0.46 oz) incl. cable and MicroDot connector
SCO71-H: 14 g (0.49 oz) incl. cable and MicroDot connector

Microphone diameter:

SC4060, SCO60-H, SC4061, SCO61-H, SC4062, SC4063: 5.4 mm (0.21 in)
SC4071, SCO71-H: 5.4 mm (0.2 in)

Microphone length:

SC4060, SCO60-H, SC4061, SCO61-H, SC4062, SC4063: 12.7 mm (0.5 in)
SC4071, SCO71-H: 17 mm (0.67 in)

Cable length:

1.8 m (6 ft)

Cable diameter:

SC4060, SC4061, SC4062, SC4063, SC4071: 1.6 mm (0.06 in)
SCO60-H, SCO61-H, SCO71-H: 2.2 mm (0.09 in)

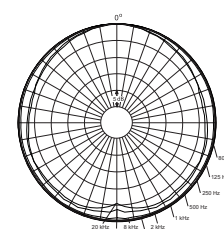
Color:

SC4060, SC4061: Black, beige, brown, white
SC4062, SCO60-H, SCO61-H, SCO71-H: Black, beige
SC4063, SC4071: Black, beige, white

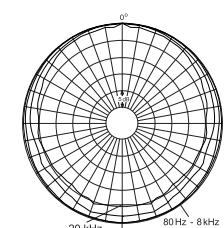
Polarity:

Positively increasing sound pressure produces positive going voltage on MicroDot pin

Polar Pattern (normalized, all except SC4071 & SCO71-H)



Polar Pattern (normalized, SC4071 & SCO71-H)



The versatile workhorse

d:screet™ Miniature Omnidirectional Microphones

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

GET CLOSER TO INVISIBLE SOUND

d:screet™ Miniature Omnidirectional Microphones are the versatile workhorses that adapt to your needs. The mics feature a reinforced cable relief that makes them the most robust miniature mics available on the market. With eminent sound quality and a large range of accessories and adapters available for all pro wireless systems, d:screet™ Miniature Omnidirectional Microphones are the obvious choice for any application requiring a big sound and a small footprint.

dpamicrophones.com





d:screet™

A durable package

d:screet™ Miniature Omnidirectional Microphones are designed to withstand the toughest of conditions. Their unique Double Vent Protection System offers great resistance to humidity and sweat and the reinforced cable relief is built to withstand the constant twists, bends and pulls that are part of everyday use. With a gold-treated diaphragm and microphone housing plus a kevlar reinforced cable, the d:screet™ series is made to endure.

The d:screet™ Miniature Microphone series is the reliable workhorse you can count on.

d:screet™

Heavy Duty

When strong isn't strong enough and when invisibility is of less importance, we offer d:screet™ Heavy Duty microphones, which feature stainless steel housing, heavy duty cable relief and thicker 2.2 mm cable.



d:screet™

Flexibility and adaptability

With a wide selection of accessories and adapters, d:screet™ Miniature Omnidirectional Microphones are suited for any task. The variety of mounting accessories allows for easy and stylish microphone placement no matter your miking needs and our line of adapters makes the d:screet™ line compatible with all pro wireless systems.



Industry leading sound quality

With very low noise and an extremely high sensitivity, d:screet™ Miniature Omnidirectional Microphones offer the most clear, transparent and natural sound available on the miniature mic market. These mics are capable of handling up to 154 dB peak before clipping. And with a linear response, low distortion and an extremely large dynamic range, they sound great no matter the application.

