

## DPA d:screet™ SC4061

### Miniature Omnidirectional Microphone



The DPA d:screet™ SC4061 Miniature Omni mic is a long-standing versatile workhorse that adapts to nearly any recording situation and now features a reinforced cable relief that makes the d:screet SC4061 robust and durable, while maintaining a very small footprint.

True to form, the industry leading DPA d:screet SC4061 microphone has very low self noise, offering the most clear, transparent and natural sound available from any miniature microphone. The SC4061 is capable of handling 144 dB peak before clipping, and with a linear response and low distortion and an extremely large dynamic range, they handle almost any situation with ease.

The d:screet Miniature Omnidirectional mics and accessories are designed for a broad range of applications. Whether reproducing a voice or instrument for film, theatre, television, video or any other close-miking situations, these DPA mics will not disappoint.

DPA have equipped the d:screet SC4061 with their unique Double Vent Protection system allowing for greater resistance to humidity and sweat. These new 4061 miniature mics also have a new reinforced cable relief, built to withstand the constant bends, twists and pulls that are inevitable in everyday use.

To add to the durability, the d:screet SC4061 cable is reinforced with kevlar and the diaphragm and microphone capsule housing are both gold treated, meaning the new SC4061 is made to endure.

### Specifications:

Directional characteristics: Omnidirectional

Principle of operation: Pressure

Cartridge type: Pre-polarised condenser element with vertical diaphragm

Frequency range,  $\pm 2$ dB: Soft boost grid: 20Hz - 20kHz, 3dB soft boost at 8 - 20 kHz; High boost grid: 20Hz - 20kHz, 10dB boost at 12kHz

Sensitivity, nominal,  $\pm 3$  dB at 1kHz: 20mV/Pa; -44dB re. 1 V/Pa

Equivalent noise level, A-weighted: Typ. 20dB(A) re. 20  $\mu$ Pa (max. 28 dB(A))

Equivalent noise level, ITU-R BS, 468-4: Typ. 38dB (Max 40dB)

S/N Ratio, re. 1kHz at 1Pa(94 dB SPL): 68dB(A)

Total Harmonic Distortion (THD): <1% up to 123dB SPL peak; <1% up to 120dB SPL RMS sine

Dynamic range: Typ. 97dB

Max. SPL, peak before clipping: 144dB

Output impedance: 30 - 40 $\Omega$

Cable Drive capability: Up to 300 m (984 ft)

Power supply:

Wireless systems: Min 5V to max. 50V through DPA adapter.

With DPA XLR adapter: 48V phantom power  $\pm 4$ V.

Connector: MicroDot

Microphone weight: 7.5g incl. cable and MicroDot connector

Microphone diameter: 5.4mm (0.21in)

Microphone length: 12.7mm (0.5in)

Cable length: 1.8m (6ft)

Cable diameter: 1.6mm (0.06in)

Colours available: Black, Beige, Brown and White

Polarity: Polarity increasing sound pressure produces positive going voltage on MicroDot pin.

