Specifications

Principle of operation Pressure Cartridge type Pre-polarized condenser Frequency range 20 Hz - 20 kHz Trequency range, ±2 dB 20 Hz - 20 kHz, 3 dB soft boost at 5 - 20 kHz Button-hole mount: 20 Hz - 18 kHz, 5 dB soft boost at 5 - 18 kHz Sensitivity, nominal, ±3 dB at 1 kHz 20 mV/Pa; -34 dB re. 1 V/Pa Equivalent noise level, Λ-weighted Typ. 23 dB(A) re. 20 μPa (max. 26 dB(A)) Equivalent noise level, 1TU-R BS-468-4 Typ. 35 dB (max. 38 dB) S/N ratio (A-weighted), re. 1 kHz at 1 Pa (94 dB SPL) Typ. 71 dB(A) Total harmonic distortion (THD) < 1½ up to 123 dB SPL peak, < 1½ up to 120 dB SPL RMS sine Dynamic range Typ. 100 dB Max. SPL, peak before clipping 134 dB Output impedance From MicroDot: 30 - 40 Ω. From DAD6001: 100 Ω	Directional pattern Omnidirectional
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Max. SPL, peak before clipping 134 dB Output impedance	Dynamic range
Output impedance	Typ. 100 dB
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From MicroDot: 30 - 40 Ω . From DAD6001: 100 Ω	Output impedance
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6/27/2018 d:screet[™] 4160 Series Slim Omnidirectional Microphone Cable drive capability Up to 300 m (984 ft) with DAD6001-BC XLR Adapter Output balance principle Signal balanced with DAD6001-BC XLR Adapter Common mode rejection ratio (CMRR) > 60 dB from 50 Hz to 15 kHz with DAD6001-BC XLR Adapter Power supply (for full performance) Min. 5 V to max. 50 V through DPA adapter for wireless systems, 48 V phantom power ±4 V with DAD6001 XLR adapter Current consumption Typ. 1.5 mA (microphone). 3.5 mA with DAD6001-BC XLR Adapter Connector MicroDot Color Black, beige, brown or white Weight 8.5 g (0.3 oz) incl. Cable and MicroDot connector Cable length

1.8 m (5.9 ft)

Cable color

Black, beige or brown

Cable diameter

1.6 mm (0.06 in)

Polarity

Positively increasing sound pressure produces positive-going voltage at MicroDot pin (and pin 2 on DAD6001 XLR adapter)

Temperature range

-40°C to 45°C (-40°F to 113°F)

Relative humidity (RH)

Up to 90%