

Specifications

Directional pattern

Omnidirectional

Principle of operation

Pressure

Cartridge type

Pre-polarized condenser

Frequency range

20 Hz - 20 kHz

Frequency range, ± 2 dB

100 Hz - 15 kHz with typ. 5 dB soft boost at 4 - 6 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 μ Pa (max. 28 dB(A))

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

Typ. 38 dB (max. 40 dB)

S/N ratio (A-weighted), 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 Ω

Cable drive capability

Up to 300 m (984 ft)

Power supply (for full performance)

For wireless systems: Min. 5 V - max. 50 V through DPA adapter. With DAD600I-BC/DAD6024/DAD4099: 48 V phantom power ± 4 V for full performance

Connector

MicroDot

Color

Black, beige or white

Weight

7.5 g (0.26 oz) incl. Cable and MicroDot connector

Microphone diameter

5.4 mm (0.21 in)

Microphone length

17 mm (0.67 in)

Cable length

1.8 m (5.9 ft)

Polarity

Positively increasing sound pressure produces positive going voltage on MicroDot pin

Temperature range

-40 °C to 45 °C (-40 °F to 113 °F)
