

ClearOne 930-6200-103-W-D Specs

Acoustic Characteristics

Element: Condenser (Electret)
Polar Pattern: 3 x 120° Cardioid Patterns, Covering 360°
Signal/Noise Ratio: 74 dBA at 1 kHz
Frequency Response: 70 Hz to 20 kHz
Sensitivity: -37 dB at 1 kHz (0 dB = 1 V / Pa)
Max Sound Pressure Level: 120 dB SPL
RF Immunity: 100% Immunity, Fully Balanced Twisted Pair Throughout

Power and Thermal

Power Type: PoE
Port Type: RJ-45
Power Source: PoE power injector, PoE Ethernet Network Switch
PoE In: IEEE 802.3af CLASS III, Mode A or B Modes, A and B Refer to Whether Power Can Be Supplied over Data Pairs in the Cat 5 cable. Mode A Means Power Can Be Supplied by either Spare or Data Pairs, and Mode B Means Power Can Only Be Supplied by Spare Pairs
Mains Voltage: 100-240 VAC, 50/60 Hz
Impedance: 200 Ohms
Power Consumption: 8.5 W Typical with 4 Mic Capsules
Operating Temperature: 41 to 104°F / 5 to 40°C

Cables

Junction to Interface/Junction Box: RJ45 Cat 5e/6 24 AWG (Max 33' / 10.1 m)
Interface Box to Network Switch: RJ45 CAT5e/CAT6 24 AWG (330' / 100.6 m)
Network Switch to Dante DSP Mixer: RJ45 Cat 5e/6 24 AWG (330' / 100.6 m)
Junction Box to Mic Capsule: Proprietary Mic Array Cable (7' / 2.1 m)

LED

Mic Capsule - Mute (Red/Blue = GPIO Controlled)

Dante Interface
Power and Status (On = Red/Blue, Off = Not Illuminated)

Dante RJ45s (Green = Connected, Yellow = Connectivity Status)
Digital-In RJ45 (Green = Connected, Red = Error)

Digital Junction
Power (On = Blue, Off = Not Illuminated)
Digital-In/Out RJ45 (Green = Connected, Red = Error)

Compliance

FCC, IC, CE, RoHs, WEEE, UL2043 (Plenum Rated)

Dimensions (W x D x H)

Mic Capsule: 1.7 x 1.7 x 86.6" / 43.2 x 43.2 x 2,199.6 mm
Digital Dante Interface: 6.8 x 6.7 x 1.7" / 2.1 x 2 x 0.5 mm
Digital Junction: 4 x 3.7 x 1.4" / 101.6 x 94 x 35.6 mm

Weight

Mic Capsule: 6 oz / 170.1 g
Digital Dante Interface: 21.6 oz / 612.3 g
Digital Junction: 7.2 oz / 204.1 g
