

# ClearOne 930-6200-412-B-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

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## 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

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## 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)

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## 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)

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Compliance

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

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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

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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

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