

The Ceiling Microphone Array Dante is the newest addition to our ceiling mic lineup and most advanced tri-element, ceiling microphone array with built-in Dante audio networking interface for conferencing and sound reinforcement applications.

Flexible and easy to use, Ceiling Mic Array is 100% RF immune, optimized for speech-intelligibility, and can daisy-chain for easy installation.

It is a perfect companion to any of our Dante DSP mixers, as well as 3<sup>rd</sup> party Dante DSP mixers.



\*LEDs illuminated as an example

- + Tri-element ceiling microphone array
- + Full 360-degree coverage
- + Superior audio quality with wide bandwidth and high SNR
- + Optimized for speech-intelligibility
- + LED indicators for On/Mute
- + Up to 4 Mic arrays (12 channels) in one combined system
- + Numbered microphone elements for easy identification
- + 100% shielding for RF and other interferences
- + Sleek, unobtrusive design
- + Easily adjustable for desired height (0 feet to 7 feet)
- + White or Black color options
- + Built-in Dante audio networking interface for up to 12 channels
- + Works with ClearOne and other 3<sup>rd</sup> party Dante DSP mixers



### APPLICATIONS

Boardrooms

Conference Rooms

Huddle Rooms

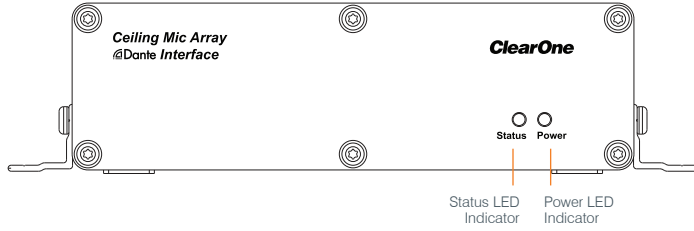
Training Rooms

Lecture Halls

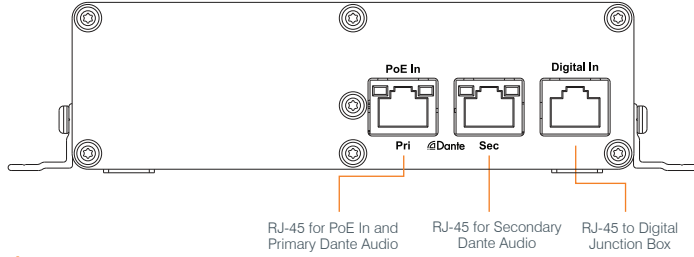
Courtrooms

Telemedicine Facilities

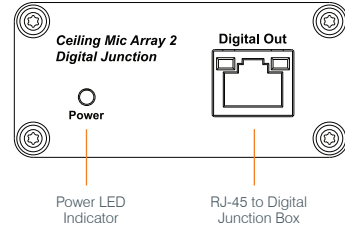
### Interface Box Front Panel



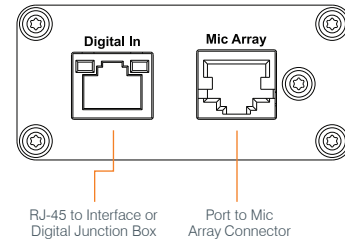
### Interface Box Back Panel



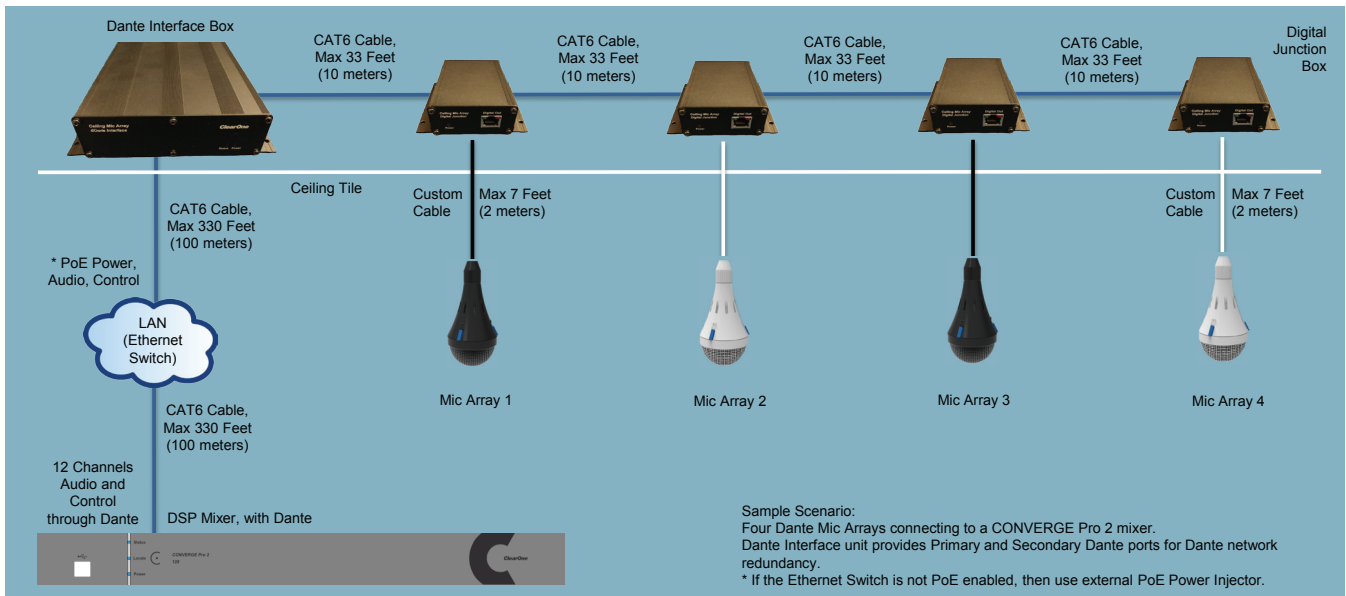
### Junction Box Front Panel



### Junction Box Back Panel

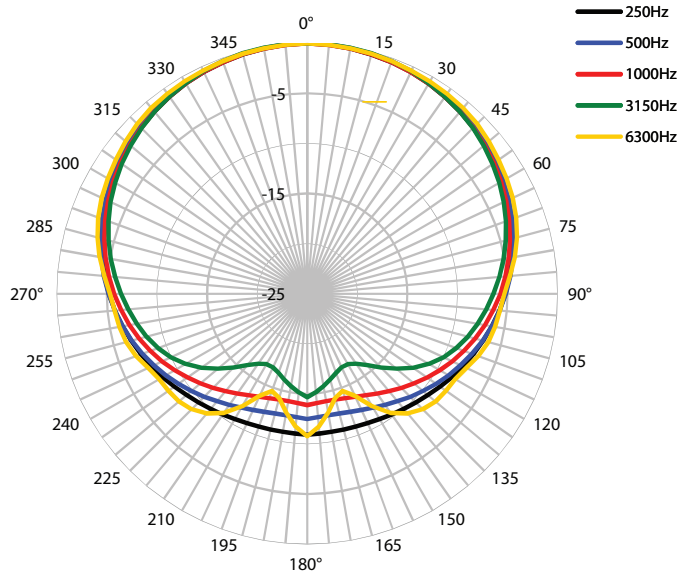


### 4 Array System



### Polar Pattern

Polar Plot  
Odeg normalized at each Hz



## PRODUCT SPECIFICATIONS

### ACOUSTIC CHARACTERISTICS

**Element:** Condenser (Electret)  
**Polar Pattern:** 3 X 120° Cardioid Patterns, covering 360°  
**Signal/Noise Ratio:** 74 dBA @ 1 kHz  
**Frequency Response:** 70 Hz – 20 kHz  
**Sensitivity:** -37dB @ 1 kHz (0 dB = 1V / Pa)  
**Max Sound Pressure Level:** 120 dB SPL  
**RF Immunity:** 100% immunity, fully balanced twisted pair throughout

### POWER & 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 CAT5 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:** 100-240V AC, 50/60Hz  
**Impedance:** 200 Ω  
**Power Consumption:** 8.5 Watts Typical with 4 Mic Capsules  
**Operating Temperature:** 41° to 104° F (5° to 40° C)

### CABLES

**Junction to Interface/Junction Box:** RJ45 CAT5e/CAT6 24AWG (max 33 ft)  
**Interface Box to Network Switch:** RJ45 CAT5e/CAT6 24AWG (max 330 feet)  
**Network Switch to Dante DSP Mixer:** RJ45 CAT5e/CAT6 24AWG (max 330 feet)  
**Junction Box to Mic Capsule:** Proprietary Mic Array cable (max 7 ft)

### LED

Component	Indicator
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)

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

### MECHANICAL

#### Dimensions (W x D x H)

- Mic Capsule: 1.7" x 1.7" x 86.6" (42 mm x 42 mm x 2200 mm)
- Digital Dante Interface: 6.8" x 6.7" x 1.7" (172 mm x 169 mm x 43 mm)
- Digital Junction: 4" x 3.7" x 1.4" (102 mm x 93 mm x 35 mm)

#### Weight

- Mic Capsule: 6 oz (170 g)
- Digital Dante Interface: 21.6 oz (612 g)
- Digital Junction: 7.2 oz (204 g)

### MIC ARRAY COLOR FINISH

White or Black

### COMPLIANCE

FCC, IC, CE, RoHs, WEEE, UL2043 (plenum rated)

### INDIVIDUAL SKUS

S. No.	Part Number	Product Name
1	910-6200-101-W	White Mic Capsule with 7ft drop-down cable
2	910-6200-101-B	Black Mic Capsule with 7ft drop-down cable
3	910-6200-104	Digital Junction (1 per Mic Capsule)
4	910-6200-105-D	Dante Interface (1 per 4 Junction Boxes)

### BUNDLED SKUS

S. No.	Bundle Type	Bundle Part No.	Bundle Product No.	Bundle Product Name					
				Qty	Part No.	Product Name			
1	Ceiling Mic Array Dante White Bundles	930-6200-103-W-DD	Ceiling Mic Array Dante (1 Array = 3 Channels, White)	1	910-6200-101-W	Mic Capsule - White			
				1	910-6200-104	Digital Junction			
				1	910-6200-105-D	Dante Interface			
2		Ceiling Mic Array Dante White Bundles	930-6200-206-W-DD	Ceiling Mic Array Dante (2 Arrays = 6 Channels, White)	2	910-6200-101-W	Mic Capsule - White		
					2	910-6200-104	Digital Junction		
					1	910-6200-105-D	Dante Interface		
3			Ceiling Mic Array Dante White Bundles	930-6200-309-W-DD	Ceiling Mic Array Dante (3 Arrays = 9 Channels, White)	3	910-6200-101-W	Mic Capsule - White	
						3	910-6200-104	Digital Junction	
						1	910-6200-105-D	Dante Interface	
4				Ceiling Mic Array Dante White Bundles	930-6200-412-W-DD	Ceiling Mic Array Dante (4 Arrays = 12 Channels, White)	4	910-6200-101-W	Mic Capsule - White
							4	910-6200-104	Digital Junction
							1	910-6200-105-D	Dante Interface
5	Ceiling Mic Array Dante Black Bundles	930-6200-103-B-DD	Ceiling Mic Array Dante (1 Array = 3 Channels, Black)	1	910-6200-101-B	Mic Capsule - Black			
				1	910-6200-104	Digital Junction			
				1	910-6200-105-D	Dante Interface			
6		Ceiling Mic Array Dante Black Bundles	930-6200-206-B-DD	Ceiling Mic Array Dante (2 Arrays = 6 Channels, Black)	2	910-6200-101-B	Mic Capsule - Black		
					2	910-6200-104	Digital Junction		
					1	910-6200-105-D	Dante Interface		
7			Ceiling Mic Array Dante Black Bundles	930-6200-309-B-DD	Ceiling Mic Array Dante (3 Arrays = 9 Channels, Black)	3	910-6200-101-B	Mic Capsule - Black	
						3	910-6200-104	Digital Junction	
						1	910-6200-105-D	Dante Interface	
8				Ceiling Mic Array Dante Black Bundles	930-6200-412-B-DD	Ceiling Mic Array Dante (4 Arrays = 12 Channels, Black)	4	910-6200-101-B	Mic Capsule - Black
							4	910-6200-104	Digital Junction
							1	910-6200-105-D	Dante Interface

## SALES AND INQUIRIES

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