

ClearOne[®]

Ceiling Microphone Array Dante™

Quick-Start Guide



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PRODUCT OVERVIEW

The Ceiling Microphone Array (CMA) 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, the CMA is 100% RF immune, optimized for speech-intelligibility, and can daisy-chain for easy installation.

PARTS

The Dante CMA comes with the following parts:

- Mic Array
- Junction Box & 30 ft. CAT6 cable
- Interface Box
(PoE* Power Injector or Ethernet Switch not included)



The mic array is made up of 3 components:



TOOLS REQUIRED

A drill with a 7/8" saw bit



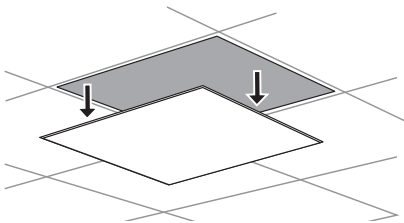
CEILING MIC ARRAY DANTE

MICROPHONE ARRAY PLACEMENT

Determine placement of an array by its pickup pattern and room characteristics. Adjusting drop-down height from 0 to 7 ft. determines how close an array is to users, and how far its pickup pattern extends.

INSTALLATION

1. Drop the ceiling tile where you are installing the microphone array.



2. Place the Junction Box in the space above the suspended ceiling where you want to place the microphone array, and the Interface Box in an adjacent space in the open ceiling.
3. If mounting the boxes, secure screws. You must supply your own screws appropriate to your mounting structure.

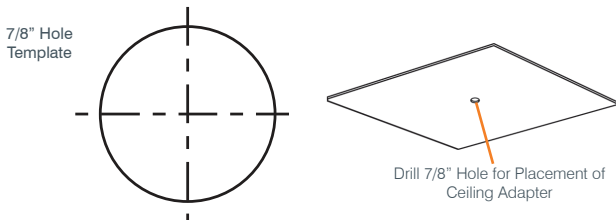
NOTE: Mount ears are pre-installed on both boxes, with holes sized for M3 or #6 size screws.

IMPORTANT: Installer is responsible for making sure structure can support the weight of all equipment. Reinforce ceiling structure as necessary.

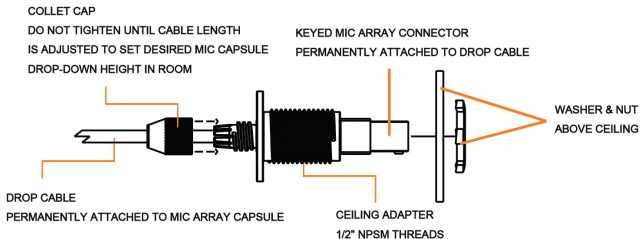
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- The holes in the mounts may also be used to attach a $\varnothing 3\text{mm}$ ($\varnothing 1/8''$) safety cable. You must supply your own safety cable.
- Run the 30 ft. CAT6 cable (included) from Junction Box to Junction Box, and Junction Box to Interface Box.
- Drill a $7/8''$ hole in the removed ceiling tile for mic cable pass-through.



- Place the ceiling adapter in the hole, and pass the drop cable through.
- Tighten the washer snugly into place against the ceiling adapter.
- Adjust the length of drop-down for the cable as needed.
- Slide the collet cap up to the ceiling adapter, and tighten snugly.

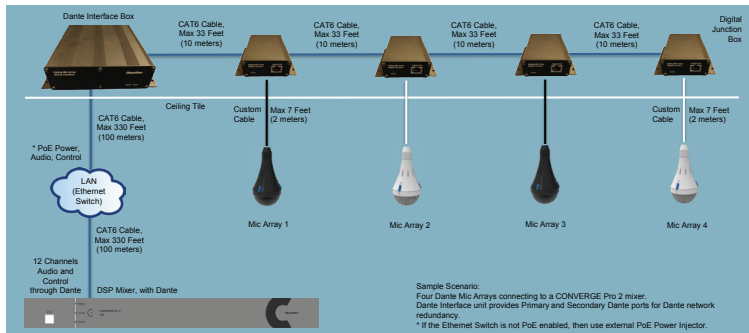


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11. Connect the CMA cable to the Junction Box.
12. Run the CAT5e/6 cable from the Interface Box location to the Network Switch. You must supply your own CAT5e/6 cable.
13. Put the tile(s) back into place.



14. Connect Network Switch to the DSP mixer with a CAT5e/6 cable.



COMPLIANCE

CE

This product complies with the requirements of the European Community Directive.

PLENUM

This product meets the UL 2043 plenum-rating standard. This certifies that the product has adequate fire resistance and low smoke-emission characteristics to be mounted and operated in a building's environmental air spaces, such as above suspended ceilings in an office environment.

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