



## Ceiling Microphone Array

The ClearOne Ceiling Microphone Array enhances any conferencing application which demands high-quality audio. Easily installed and affordable, the Ceiling Microphone Array delivers exceptional audio quality.

Featuring three wide-range microphones mounted together into a single unit array, the Ceiling Microphone Array provides the rich sound of three individual unidirectional microphones while maintaining full 360-degree coverage.



### Applications



Medium to Large conference rooms  
Boardrooms  
Overflow areas  
Training Rooms  
Courtrooms  
Distance Learning Centers  
Convention Centers and Hotels

### Features



#### Superior Audio Performance

- + Full 360-degree coverage
- + Three unidirectional elements reduce reverberation and noise
- + Design minimizes noise pickup from ceiling sources

#### Compatibility

- + Optimized to work with ClearOne mixers - CONVERGE Pro, INTERACT Pro, INTERACT Pro 8i, INTERACT AT

#### Expandability

- + Multiple\* ceiling microphone arrays can be connected to any ClearOne mixer for covering a large room space

#### Easy Setup

- + Standard CAT5 Ethernet cable runs back to the mixer
- + Designed for quick installation into drop ceiling tiles
- + Includes 12" and 24" drop down cables for varying ceiling heights

#### Minimal Visibility

- + Sleek unobtrusive design
- + Frees table area while maintaining speech quality and intelligibility
- + Compact size: 3.3" x 1.5" (83.8 mm x 38.1 mm)

\* The number of ceiling microphone arrays depends on the maximum number of microphone inputs supported by the mixer.

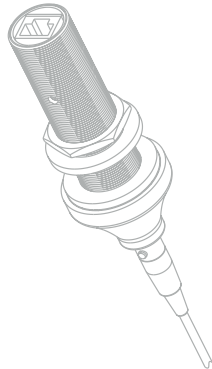


## COMPONENTS

Microphone Array



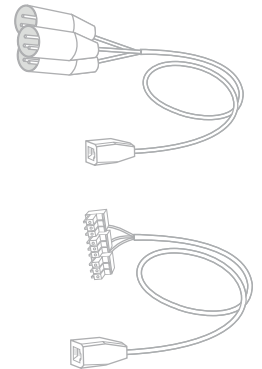
Mounting Assembly



Microphone Cable with Grommet



RJ45 Receptacle to Mixer Adapter Cables



## Functional Specifications

### ACOUSTIC CHARACTERISTICS

Polar Pattern: Cardioid  
Dynamic Range: 80 dB, 1 kHz @ max SPL  
Signal/Noise Ratio: 60 dBA, 1kHz @ 1Pa  
Frequency Response: 100 Hz - 12kHz  
Sensitivity: 114 mV/Pa

### ELECTRICAL CHARACTERISTICS

Element: Fixed-charge back plate permanently polarized condenser  
Phantom Power Requirement: 12-52 vdc, 2 mA typical  
Impedance: 200  $\Omega$

### CABLES INCLUDED

12-inch and 24-inch 4-pin mini-XLR drop-down cable  
25-foot RJ45 male to RJ45 male CAT5e  
RJ45 receptacle to mixer adapter cable

### MOUNTING

Ceiling tile pass-through mounting assembly  
Max cable length from array to mixer: 300 ft (91.44m)

### MECHANICAL

Dimensions (H x Dia)  
3.3" x 1.5"  
(83.8 mm x 38.1 mm)

### WEIGHT

2.2 lbs (1 kg)

### ENVIRONMENTAL

Operating Temperature  
-4° to 158° F (-20° to 70° C)

### WARRANTY

2-Year, From date of purchase

### PART NUMBERS

910-001-013-W - White Ceiling Microphone Array kit for CONVERGE Pro and INTERACT Pro (includes RJ45 receptacle to Mini-Phoenix mixer adapter)

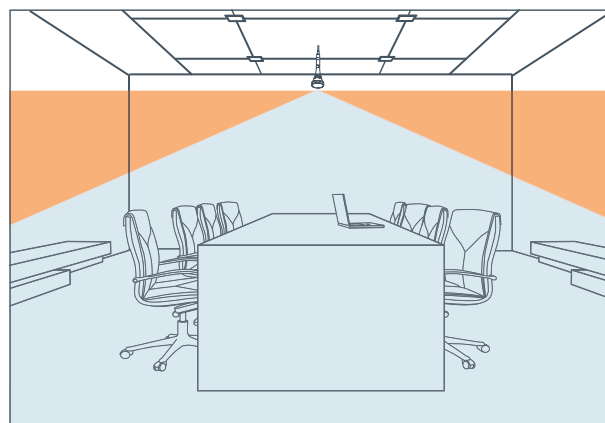
910-001-013-B - Black Ceiling Microphone Array kit for CONVERGE Pro and INTERACT Pro (includes RJ45 receptacle to Mini-Phoenix mixer adapter)

910-001-014-W - White Ceiling Microphone Array kit for INTERACT AT (includes RJ45 receptacle to XLR-M mixer adapter)

910-001-014-B - Black Ceiling Microphone Array kit for INTERACT AT (includes RJ45 receptacle to XLR-M mixer adapter)

(Each kit includes Microphone Array Module, Mounting base, 12 and 24 inch drop-down cables, 25 foot RJ45 plenum rated CAT5e cable, RJ45 receptacle to mixer adapter cable.)

### PICK-UP PATTERN



120° from array  
(Best pick-up)

180° from array  
(Good pick-up)

## ClearOne Contacts

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