

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

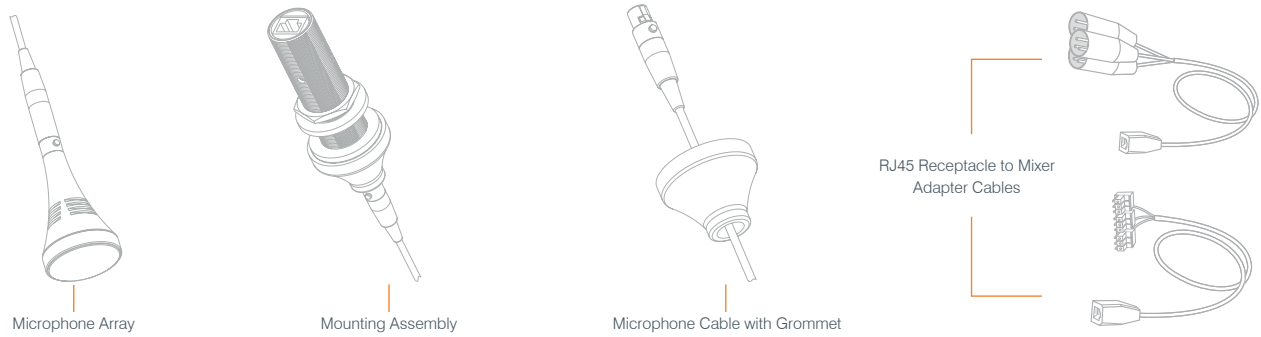
Features

- Interference Protection**
 - + RF hardened and shielded for immunity from interference
- 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



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 Ω

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

(W x D xH): 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)

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)

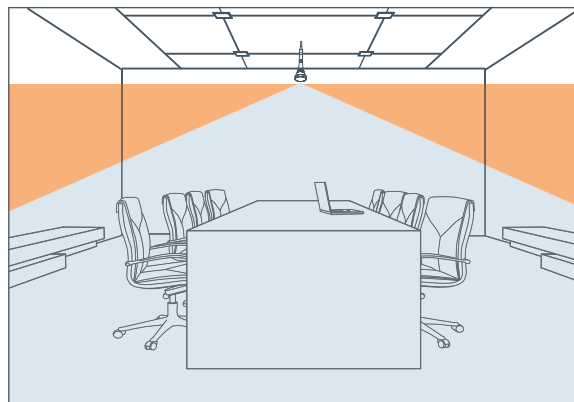
910-001-013-B - Black Ceiling Microphone Array kit for CONVERGE Pro and INTERACT Pro (includes RJ45 receptacle to Mini-Phoenix mixer adapter)

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)

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