

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.

ClearOne



CLUTTER-FREE
CONFERENCING
WITH FULL
360-DEGREE
MICROPHONE
COVERAGE

APPLICATIONS

- + Medium to Large Conference Rooms
- + Boardrooms
- + Overflow areas
- + Training Rooms
- + Courtrooms
- + Distance Learning Centers
- + Convention Centers and Hotels

ADVANTAGES

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" (8.38 cm x 3.81 cm)

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

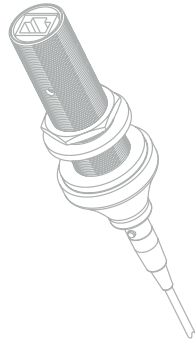


> COMPONENTS

Microphone Array



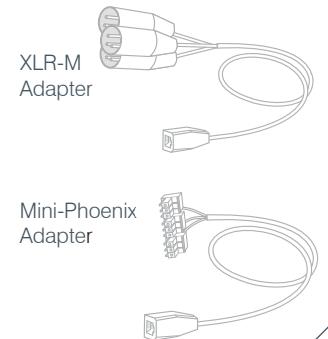
Mounting Assembly



Microphone Cable with Grommet



RJ45 Receptacle to Mixer Adapter Cables



> 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 - 12 kHz
 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 (91.44 m)

Physical Dimensions

Microphone Array Length: 3.3 in (8.38 cm)
 Microphone Array Diameter: 1.5 in (3.81 cm)
 Weight: < 2.2 lb (1 kg)

Environmental

Operating range: -4° F - 158° F (-20° C - 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)

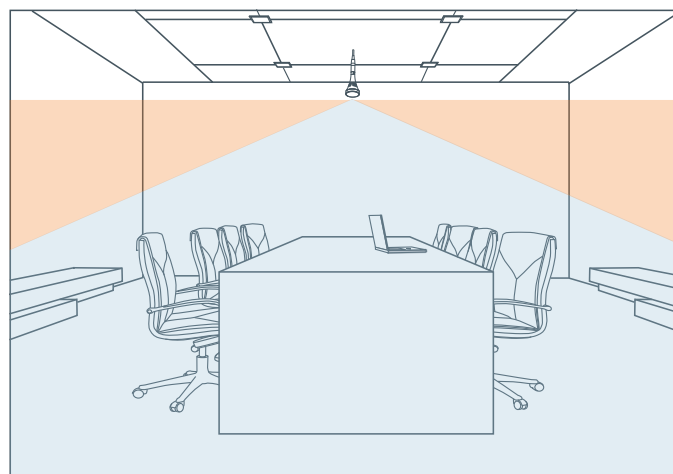
910-001-013-B - Black Ceiling Microphone Array kit for CONVERGE Pro and INTERACT Pro (includes RJ45 receptacle to Mini-Phoenix mixer adapter)

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 RJ-45 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 LOCATIONS

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