The Beamforming Microphone Array is the Pro-Audio industry’s first professional-grade microphone array with beamforming and adaptive steering technology and ClearOne’s next-generation Acoustic Echo Cancellation. The ultra-sleek design fits into any conferencing environment and delivers the clearest audio pickup available with adaptive acoustic processing.

**Applications**
- Board Room
- Conference Room
- Training Center
- Courtroom
- House of Worship
- Telepresence

**Features**
- Beamforming & adaptive steering technology
- Next-generation Acoustic Echo Cancellation
- 24 microphone elements
- Mono and stereo modes for diverse applications
- Flexible mounting for ceiling, wall and tabletop
- Works with CONVERGE® Pro products: 880, 840T, 880T, 880TA
- Expandable for larger room applications by daisy-chaining up to three arrays per CONVERGE® Pro unit
- Adaptive acoustic processing automatically adjusts to room configuration for best possible audio pickup
- Replaces up to 10 traditional microphones, with twice the pickup range
**Functional Specifications**

**AUDIO**

**ACOUSTIC CHARACTERISTICS:**
- 24 microphones
- Auto voice tracking
- Polar Pattern: Custom
- Frequency Response: 150Hz - 16kHz
- Signal to Noise Ratio: >70 dB
- AEC Tail time: 128 ms
- Noise Cancellation: 6 - 15 dB adjustable

**AUTO MIXER PARAMETERS:**
- Number of Open Microphones (NOM)
- First mic priority mode
- Last mic mode
- Maximum number of mics mode
- Ambient level
- Gate threshold adjust
- Off attenuation adjust
- Hold time
- Decay rate

**POWER**

**POE**
- IEEE 802.3AF-2003
- CAT-5 cable or higher
- 6 watts average power consumption

**EXPANSION BUS IN/OUT**
- Proprietary Network
- RJ-45 (2)
- Solid core Category 5e or Category 6 cable, factory terminated, for 200 feet maximum length between any two devices connected through Expansion bus

**USB**
- Not currently supported. Available for future use

**RS232**
- Commands through CONVERGE Pro

**CONFIGURATION & ADMINISTRATION SOFTWARE:**
- CONVERGE Console (4.x)

**WEIGHT**
- 4.4 lbs (2.0kg)

**MECHANICAL**

**DIMENSION (WxHxD)**
- 30” x 1” x 5.75” (762mm x 25.4mm x 146mm)

**MOUNTING**
- Ceiling mount kit (12", 24", 36", and 48" suspension column)
- Wall mount kit
- Table mount

**ENVIRONMENTAL**

**OPERATING TEMPERATURE**
- 14°F/-10°C to 122°F/50°C ambient temperature

**INSTALLATION**

**OPTIMUM MOUNTING HEIGHT:**
- About 8’ - 10’ ceiling

**OPTIMUM COVERAGE DISTANCE:**
- About 6 - 10 traditional cardioid mics
- About 2 - 3 ClearOne ceiling mic array
- About 8’ - 10 radius

**SUPPORTED CONVERGE PRO**
- CONVERGE Pro 840T
- CONVERGE Pro 880
- CONVERGE Pro 880T
- CONVERGE Pro 880TA

*Maximum 3 Beamforming microphone array per each supported CONVERGE Pro unit and maximum 16 units in one stack

**PART NUMBERS**
- 910-001-003: White Beamforming Microphone Array
- 910-001-003-B: Black Beamforming Microphone Array
- 910-001-004: PoE Power Supply & Cables Kit for BFM Array
- 910-001-005-B: White Ceiling Mount kit with 12” suspension column
- 910-001-005-12-B: Black Ceiling Mount kit with 12” suspension column
- 910-001-005-24: White Ceiling Mount kit with 24” suspension column
- 910-001-005-24-B: Black Ceiling Mount kit with 24” suspension column
- 910-001-005-36: White Ceiling Mount kit with 36” suspension column
- 910-001-005-36-B: Black Ceiling Mount kit with 36” suspension column
- 910-001-006: White Wall Mount kit for BFM Array
- 910-001-006-B: Black Wall Mount kit for BFM Array