

# CONVERGE® Pro 2 128



CONVERGE Pro 2 is the industry's most advanced professional audio DSP platform for conferencing and sound reinforcement applications. It outperforms in any size room, audio environment, and application.

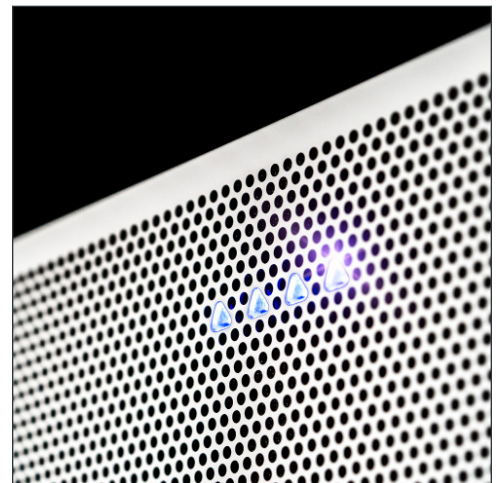
- > Built-in Native Camera Tracking for ClearOne Unite cameras and many 3rd party cameras using RS-232 and Ethernet VISCA over IP.
- > 12 mic/line inputs with AEC.
- > Built-in USB for PC-based conferencing.
- > Configure and manage entire system with New CONSOLE® software, Auto-discovery of devices, MatrixView™ for entire system, FlowView™ for visualized audio signal paths and System monitoring and troubleshooting.
- > DARE™ feedback elimination.
- > Advanced microphone gating.
- > Standalone and daisy-chained system.
- > Expansion bus "C-Link" with 150 channels.
- > Stack up units up to 144 Mic/Line inputs.
- > Reduced footprint and power consumption.
- > Next-gen Acoustic Echo Cancellation processing.
- > "P-Link" bus to connect peripheral devices.
- > Flexible control options include Touch-Panel Controller with tabletop and wall mount options, Dialer app for Windows, Mac, iOS, Android, and 3rd party control modules.
- > Acoustic Intelligence with faster convergence.
- > Distributed Echo Cancellation® on every mic input.
- > Noise Cancellation with Adaptive-Ambience.

## AUDIO CONFERENCING



### Everything you need

The 128 model mixer has 12 inputs with AEC, 8 outputs, USB audio; GPIO, RS-232, IP control interfaces; and P-Link and C-Link expansion buses.



### Easy Integration

Daisy-chain the CONVERGE Pro 2 with the BMA 360, DIALOG® 20 2-Channel Wireless Microphone System, and other peripheral devices through P-Link.

### APPLICATIONS

- PC-based Conferencing
- Unified Communications
- Sound Reinforcement
- Video codec-based Conferencing

### WORKSPACES

- Conference rooms
- Training rooms
- Lecture halls
- Courtrooms
- Telemedicine theaters
- Auditoriums
- Board rooms
- Huddle rooms

# CONVERGE® Pro 2 128

<b>PART NUMBER .....</b>	• 910-3200-001
<b>CAMERA TRACKING.....</b>	<ul style="list-style-type: none"><li>• Supported Cameras: Unite 150, Unite 200, Unite 160, Unite 260 (One Camera per DSP)</li><li>• Communication Protocol: VISCA</li><li>• Communication options: Serial (RS-232) or Ethernet (VISCA over IP)</li></ul>
<b>MIC/LINE INPUTS &amp; OUTPUTS .....</b>	<ul style="list-style-type: none"><li>• Inputs: Balanced audio inputs, 3.81 mm Black color Phoenix/Euroblock type male header, Push-on miniterminal block</li><li>• Outputs: Balanced audio outputs, 3.81 mm Black color Phoenix/Euroblock type male header, Push-on miniterminal block</li><li>• Frequency Response: 20 Hz – 22 kHz @ +4 dBu, +/- 0.5 dBu</li><li>• EIN (Equivalent Input Noise): 20 kHz BW, max gain, <math>R_s = 150 \Omega</math>, -126 dBu</li><li>• THD + N (Total Harmonic Distortion + Noise):<ul style="list-style-type: none"><li>- 20 Hz – 22 kHz @ +4 dBu, line level, 0.006 %</li><li>- 20 Hz – 22 kHz @ -56 dBu, mic level, &lt; 0.04 %</li></ul></li><li>• Dynamic Range: 20 Hz – 20 kHz @ 0 dB, &gt; 105 dB</li><li>• Crosstalk (Mic/Line): Channel to Channel, stimulus at 20 dBu to receptor at -56 dBu, 1 kHz, &lt; -98 dB</li><li>• Input Impedance: Balanced (line to ground), 2.2 k<math>\Omega</math>, 1 %</li><li>• Nominal Input Level: Adjustable -56 dB to 0 dB, 7 dB step coarse gain</li><li>• Maximum Input Level: -65 dBu to 20 dBu</li><li>• Phantom Power: 48 V, Impedance 6.81 k<math>\Omega</math></li><li>• Output Impedance: Balanced (line to ground), 95 <math>\Omega</math>, 1 %</li><li>• Output Level: 0 dBu (Nominal), 20 dBu (Max), -40 dBu (Selectable)</li></ul>
<b>USB AUDIO .....</b>	<ul style="list-style-type: none"><li>• Port Type: USB-B connector</li><li>• Audio: Digital Audio, 2 x 2 bi-directional channels</li><li>• Sample Rate: 48 kHz</li><li>• Sample Bit Depth: 24-Bit</li><li>• Compatible: USB 2.0, USB 3.0</li></ul>
<b>ETHERNET .....</b>	<ul style="list-style-type: none"><li>• Port Type: RJ-45, 10/100 Mbps Ethernet Network, Auto Negotiation</li><li>• IP address: IPv4 (IPv6 upgradeable through future s/w, f/w upgrade)</li></ul>
<b>C-LINK EXPANSION BUS .....</b>	<ul style="list-style-type: none"><li>• Ports Type: RJ-45 (Cat 5e or Cat 6)</li><li>• C-Link In &amp; Out: Proprietary Expansion Bus</li><li>• Audio: 150 Expansion channels</li><li>• Cable: Solid core, factory terminated Cat 5e or 6 cable</li><li>• Distance: Up to 80 ' (24 M)</li></ul>
<b>P-LINK PERIPHERAL BUS .....</b>	<ul style="list-style-type: none"><li>• Ports Type: RJ-45 (Cat 5e or Cat 6)</li><li>• P-Link In &amp; Out: Proprietary Peripheral Bus</li><li>• PoE In:<ul style="list-style-type: none"><li>- P-Link In Port</li><li>- PoE 802.3 af Mode B, Midspan</li><li>- Power on "spare pairs" 4, 5 and 7, 8</li><li>- Input voltage range: 48 V to 56 V</li></ul></li><li>• Audio: Up to 3 Beamforming Microphone Array 2 units + up to 3 DIALOG 20 Wireless Receiver units + Up to 3 USB Expander units + Up to 3 GPIO Expander units</li><li>• Cable: Solid core, factory terminated Cat 5e or 6 cable</li><li>• Distance: Up to 200 ' (60 M)</li></ul>
<b>RS-232 .....</b>	<ul style="list-style-type: none"><li>• Port Type: DB9 Female</li><li>• Settings: 9600/19200/38400/57600/115200 Baud; Serial Echo; Flow Control</li><li>• Support: Serial commands</li></ul>

# CONVERGE® Pro 2 128

<b>GPIO</b> .....	<ul style="list-style-type: none"><li>• Port Type: 5.08 mm Green color Phoenix/Euroblock type male header</li><li>• Support: Control, Status, Variable Voltage Control</li><li>• Power Pin: 5 VDC @ 350 mA Power Source</li><li>• Pin 1 to 4:<ul style="list-style-type: none"><li>- Open Collector Outputs: 40 VDC @ 250 mA</li><li>- Active Outputs (Source/Sink): 5 VDC @ 25 mA</li><li>- Logic Inputs: 40.2 kΩ pull up</li><li>- Variable Voltage Control Inputs: 5VDC max</li></ul></li><li>• Ground Pin: GND</li></ul>
<b>USB CONTROL</b> .....	<ul style="list-style-type: none"><li>• Port Type: USB-B connector</li><li>• Location: Front Panel</li><li>• Compatible: USB 2.0, USB 3.0</li></ul>
<b>LEDs</b> .....	<ul style="list-style-type: none"><li>• Location: Front Panel</li><li>• Status LED:<ul style="list-style-type: none"><li>- Off: Unit still initializing</li><li>- Blue - Fast Blinking: Stack Syncing in progress</li><li>- Blue - Slow Blinking: Unit not configured</li><li>- Blue - Solid: Configured unit</li><li>- Red - Fast Blinking: Stack Sync error</li></ul></li><li>• Locate LED: Blue - Blinking: Unit "Locate" command received</li><li>• Power LED: Blue - Solid: Unit is powered on</li></ul>
<b>TOUCH SENSOR</b> .....	<ul style="list-style-type: none"><li>• Sensor Type: Capacitive Touch Button</li><li>• Location: Front Panel</li></ul>
<b>POWER &amp; THERMAL</b> .....	<ul style="list-style-type: none"><li>• Port Type: AC Inlet</li><li>• Mains Voltage: 100-240 VAC, 50/60 Hz</li><li>• Power Consumption: 50 Watts Typical</li><li>• Thermal: 170 BTU/Hr Typical</li><li>• Operating Temperature: 14 °F (-10 °C) to 104 °F (40 °C) Ambient Temperature</li></ul>
<b>DIMENSION &amp; WEIGHT</b> .....	<ul style="list-style-type: none"><li>• RU size: 1 RU</li><li>• Width x Depth x Height:<ul style="list-style-type: none"><li>- Without rack-ears: 17 x 10.7 x 1.7 " (431 x 273 x 44 mm)</li><li>- With rack-ears: 19 x 10.7 x 1.7 " (483 x 273 x 44 mm)</li></ul></li><li>• Unit Weight: 9.3 lbs (4.2 Kg) (Approximately)</li><li>• Shipping Weight: 13.8 lbs (6.3 Kg) (Approximately)</li></ul>

# CONVERGE® Pro 2 128

- PACKAGE .....
- Power Cord: 6 ' (1.8 M), Grounded, Qty 1
  - Input Connectors: Terminal Block Connector, 4 Position (Orange), Qty 12
  - Output Connectors: Terminal Block Connector, 3 Position (Black), Qty 8
  - GPIO Connector: Terminal Block Connector, 6 Position (Green), Qty 1
  - C-Link Cable: RJ-45 To RJ-45 Cable, 18 " (45.7 cm), Qty 1
  - USB Cable: USB Type A to Type B, 6 ' (1.8 M), Qty 1
  - Rack Ears: Pre-installed, Qty 2
  - Screw/Washer Kit: Rack Decor, Qty 4

## SALES AND INQUIRIES

Headquarters	US & Canada	International	Sales	Tech Support
5225 Wiley Post Way Suite 500 Salt Lake City, UT 84116	Tel: +1.801.975.7200	Tel: +1.801.975.7200	Tel: +1.801.975.7200 sales@clearone.com	Tel: +1.801.974.3760 audiotechsupport@clearone.com

# UNITE® 160 4K Camera



Professional grade 4K USB PTZ camera for conference rooms, web conferencing UC applications and more.

- > 4K Ultra HD video, 12x optical zoom, capability to capture all participants in the room.
- > Transforms any meeting room into a professional grade video collaboration room.
- > Control the camera's functions via IR remote, RS-232, or UVC protocol.
- > Super-high SNR with advanced 2D and 3D noise reduction.
- > Compatible with popular applications such as Zoom, WebEx, Google® Meet™, and more.

## APPLICATIONS:

- Camera Tracking for Lecture Capture
- Web Conferencing
- Unified Communications

## WORKSPACES:

- Conference Rooms
- Executive Offices
- Training Centers
- Classrooms



## Smart Face Tracking or Auto Framing

AI processing optionally tracks an individual or frames an entire group for perfect framing and focus.



## Multiple Control Options

Control the camera via the IR remote, or through UVC and UAC protocols.

*Elevate Your Collaboration*



## Different Tracking Modes

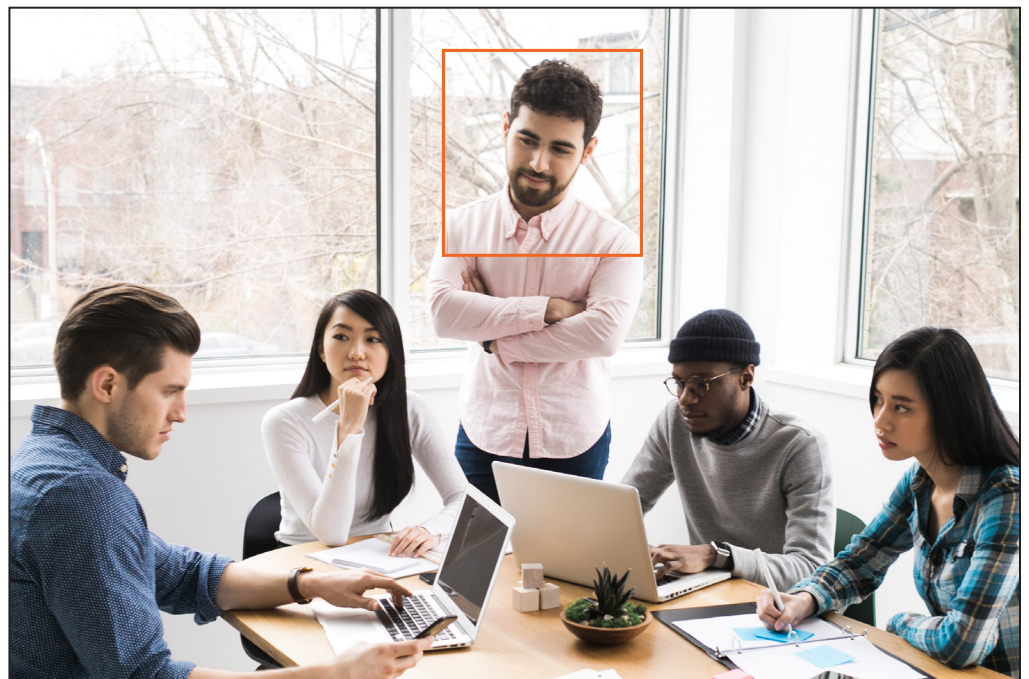


### Auto Framing

Detects participant or group participants and automatically frames the image.

### Smart Face Tracking

Ideal to follow only the person who is moving. The moving person being tracked doesn't have to be the speaker. It is possible to change the person during the connection.



# UNITE® 160 4K Camera

**Camera**

- Video System:
  - 2160p30
  - 1080p30
  - 1080p25
  - 720p30
  - 720p25
- Sensor: 1/2.5 inch, CMOS
- Effective Pixels: 8.51 Million
- Scanning Mode: Progressive
- Lens: 12x maximum zoom, Focal length: 4.4 mm - 52.8 mm, F1.8 - F2.6
- Minimal Illumination: 0.5 Lux @ (F1.8, AGC ON)
- Shutter: 1/30s – 1/10000s
- White Balance: Automatic, indoor, outdoor, one-button, manual, specified color
- Backlight Compensation: Supported
- Digital Noise Reduction: 2D & 3D
- Video S/N: ≥55dB
- Horizontal Angle of View: 71° – 8.2°
- Vertical Angle of View: 42.7° – 4.5°
- Horizontal Rotation Range: ±170°
- Vertical Rotation Range: -30° – +90°
- Pan Speed Range: 2.7° – 35.7°/s
- Tilt Speed Range: 2.7° – 31.5°/s
- H & V Flip: Supported
- Image Freezing: Supported
- Number of Presets: 255
- Flexible Installation: Standard mount, upside-down mount

**Input/Output Interface**

- Audio Interface: 3.5 mm connector, Line In
- USB Interface: 1 way, USB 3.0, Type C Socket
- 1 x RS232: 8pin Min DIN; Max. Distance: 30 m; Protocol: VISCA/Pelco-D/Pelco-P
- 1 x RS485: 2pin phoenix port; Max. Distance: 1200 m; Protocol: VISCA/Pelco-D/Pelco-P

**USB Features**

- Operating Systems: Windows 7 and later
- Color System: YUY2 / MJPEG
- USB 2.0: 720P30 maximum  
NOTE: Use of USB 2.0 downgrades video quality. ClearOne does not recommended USB 2.0 extenders
- USB Video Communication: UVC 1.1
- Audio on USB: Supported
- UVC PTZ: Supported

**Power**

- Power Jack: JEITA type (DC In 12V)
- Input Voltage: DC 12V
- Current Consumption: 1.0A (max)
- Power Consumption: 12W (max)

**Environmental**

- Operating Temperature: 14°F–104°F (-10°C – 40°C)
- Storage Temperature: -40°F – 140°F (-40°C – 60°C)
- MTBF: >30000h

**Mechanical**

- Dimensions: 5.67" x 5.67" x 6.61" (143.88mm x 144mm x 168.25mm)
- Weight: 3.5lb (1.6Kg)

**Part Number**

- 910-2100-012

**Optional Accessories**

- 910-2100-104: Wall Mount for UNITE 150 Camera
- 910-2100-204: Ceiling Mount for UNITE 150 Camera
- 910-3200-702-30: USB 3.0 cable

**SALES AND INQUIRIES****Headquarters**

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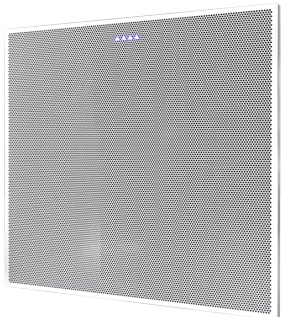
**Sales**

Tel: 801.975.7200  
sales@clearone.com

**TechSupport**

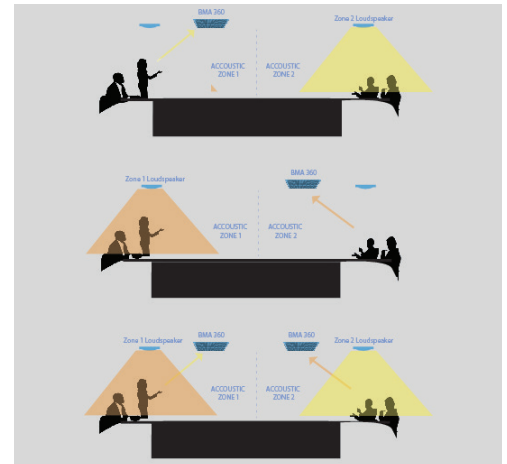
Tel: 801.974.3760  
videotechsupport@clearone.com

# BMA 360



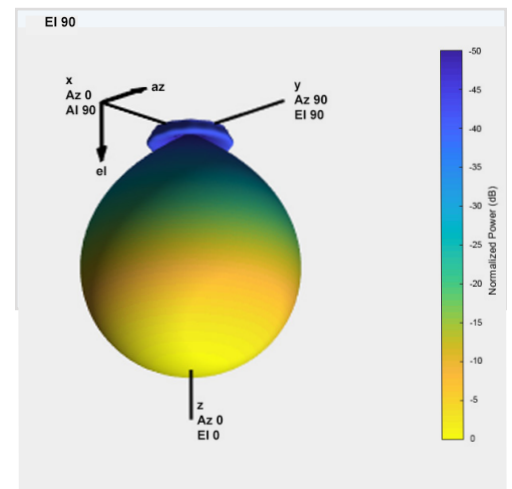
The patented BMA 360 is the world's most technologically advanced ceiling tile beamforming mic array, delivering unrivaled audio performance and deployment ease.

- > The industry's only truly wideband, frequency invariant beamforming mic array with uniform gain response across all frequency bands. FiBeam™ technology gives users the ultimate in natural and full fidelity audio across all beams and within a single beam.
- > A dramatically new approach to precision beamforming provides a new beam topology to easily achieve distortion-free, full 360-degree coverage of any room shape and any seating arrangement using ClearOne *Audio Intelligence*™.
- > The BMA 360 Voice Lift feature provides a powerful and simple way to drive multiple mix-minus speaker zones allowing everyone in the local room to hear every word.
- > Due to the exceptional performance of the breakthrough technologies, FiBeam and DsBeam, greater Voice Lift gains can be realized that have not been previously possible.
- > The combination of ClearOne's beamforming and feedback cancellation technologies provide up to a 20 dB boost in gain before feedback compared to an omni mic.
- > Further advancements in adaptive steering (think of it as smart switching) provide impeccable coverage of each conference participant as well as simultaneous support for camera tracking and Voice Lift.
- > 6G Acoustic Echo Cancellation (AEC) delivers unparalleled per-beam full-duplex audio performance. On-board audio algorithms, like noise reduction, filtering, and Automatic Level Control, eliminate the need for per-beam processing in a DSP mixer - requiring fewer DSP mixer resources.
- > Built-in, robust power amplifiers, configurable as 4 x 15 Watt or 2 x 30 Watt, provide flexibility for driving loudspeakers.
- > ClearOne's breakthrough technologies, FiBeam, DsBeam, Voice Lift, and 6G AEC combine to create VividVoice™, a significant advancement for professional conferencing.
- > Integrated features significantly reduce system design complexity, simplify installation, consume less rack space, and lower system cost.
- > Daisy-chain up to three ceiling tiles via P-Link for divisible rooms or larger conference setups – for simpler wiring and longer distances compared to networked “home run” connections via Ethernet.
- > Single workflow for configuration using CONSOLE® AI software. Competing products require practitioners to program multiple components using different toolsets: Ethernet switches, Ceiling Tiles, DSP mixers, and the Dante Controller.
- > Supports three different ceiling grid types: 24 in, 600 mm, and 625 mm. It incorporates a VESA-mount hole pattern that supports pole mounting. Hard-ceiling mount adapter kits are also available.



### Voice Lift

Voice Lift provides a powerful and simple way to drive multiple mix-minus speaker zones allowing everyone in the room to hear every word. Due to the exceptional performance of the breakthrough technologies, FiBeam and DsBeam, greater Voice Lift gains can be realized that have not been previously possible.



### APPLICATIONS

- Audio conferencing
- Video conferencing
- Voice Lift

### WORKSPACES

- Conference rooms
- Boardrooms
- Courtrooms
- Classrooms
- Telemedicine theaters

### Deep Sidelobe Beamforming

Deep Sidelobe Beamforming, DsBeam™, provides unparalleled sidelobe depth, below -40 dB, resulting in superior rejection of reverberation and noise, even in difficult spaces, for superb clarity and intelligibility.

*You're not beamforming unless you're beamforming with ClearOne!™*



### Voice Lift

The BMA 360 FiBeam and DsBeam technologies enable a 12 dB increase in gain before feedback compared to an omni mic.

Voice Lift is further enhanced with the patented DARE™ Feedback Eliminator, found on CONVERGE® Pro 2 DSP Mixers. This technology provides unsurpassed removal of feedback and ringing--giving an additional boost of up to 8 dB to the total system gain.

The amazing sound of FiBeam and DsBeam, combined with the superior CONVERGE Pro 2 Feedback Eliminator, creates the industry's absolute best Voice Lift system provided by any ceiling mounted microphone, including beamforming microphone arrays.

Voice Lift can be configured on up to three BMA 360s per CP2.

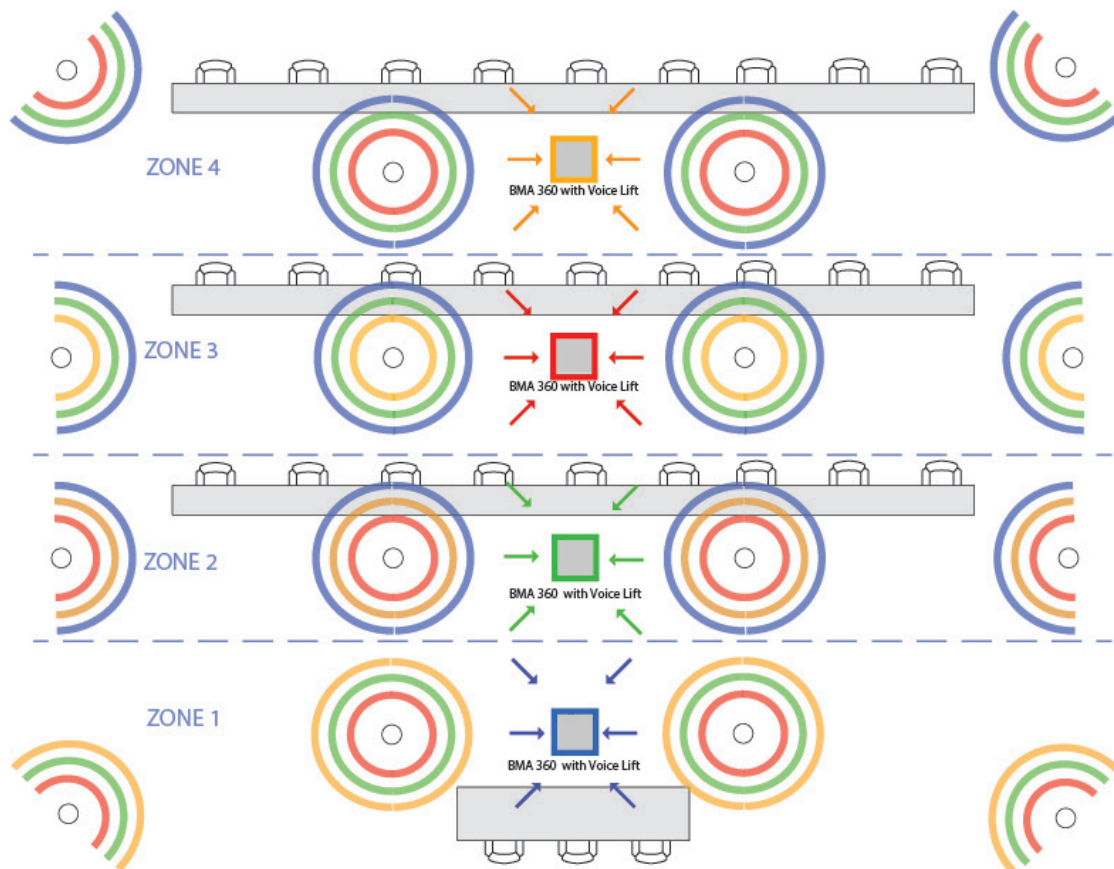
The BMA 360 can switch on as many as two beams at one time, which enables better pickup of local presenters that are speaking at the same time.

To help ensure the very best possible design of a ClearOne Voice Lift system, a BMA 360 Voice Lift Design Guide, a BMA 360 PAG/NAG calculator, and a BMA 360 DARE Configuration Guide are available from [clearone.com](http://clearone.com).

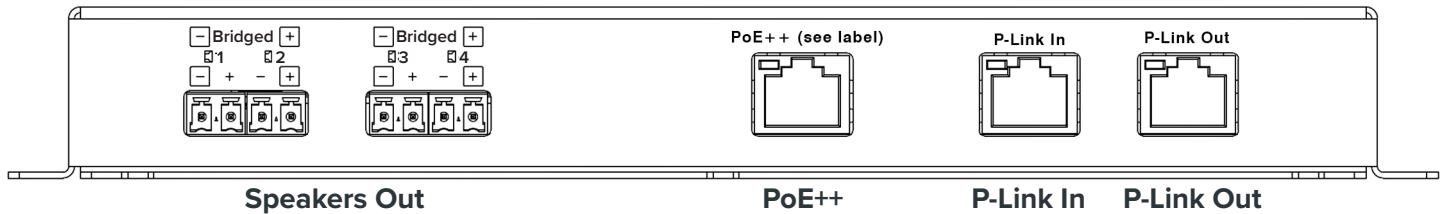
These supporting documents show how to properly design and setup a BMA 360 Voice Lift system--helping to achieve the very best-sounding installation.

### Multi-Zone Voice Lift Example

This example shows that the speaker audio in each zone is the mix of all of the audio minus the audio from that zone. This "mix-minus" audio routing is a key component that enables BMA 360 multi-zone Voice Lift.

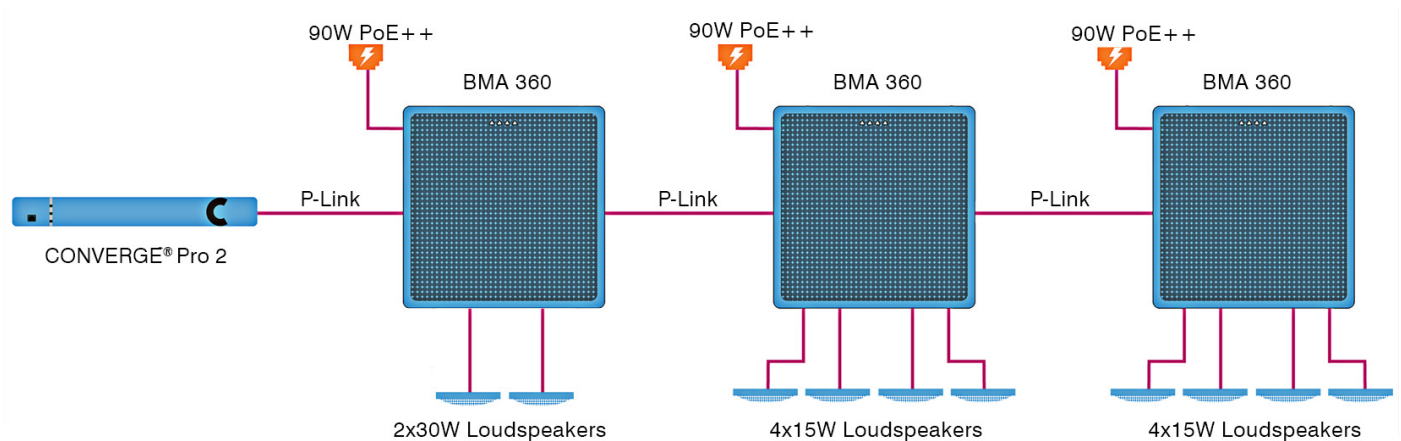


### Connections



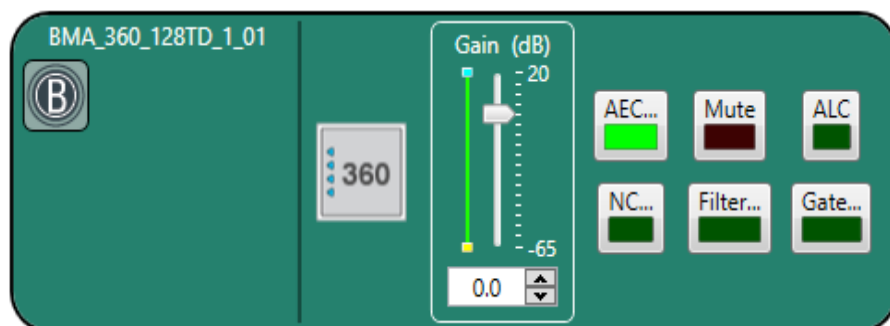
### System Diagram

Three daisy-chained BMA 360 microphone arrays, with 2x30W and 4x15W speaker configurations, connected to a CONVERGE Pro 2 DSP.



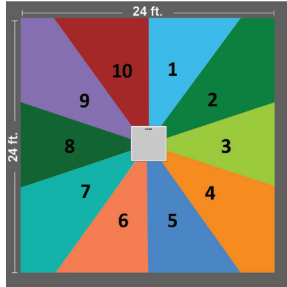
### Configuration

BMA 360 Configuration with ClearOne's CONSOLE AI software.



### Room Coverage

**Full Circle/Square**



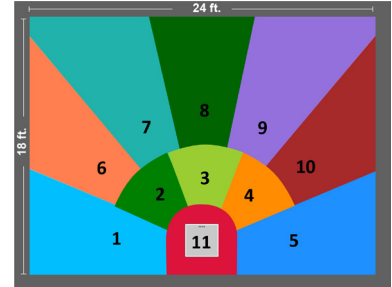
Room size	Beams
10' x 10' to 18' x 18'	6
12' x 12' to 20' x 20'	8
22' x 22' to 24' x 24'	10

**Rectangular**



Room size	Beams
10' x 14' to 18' x 22'	6
10' x 16' to 18' x 24'	8
12' x 22' to 20' x 36'	12

**Semi-Circle/Classroom**

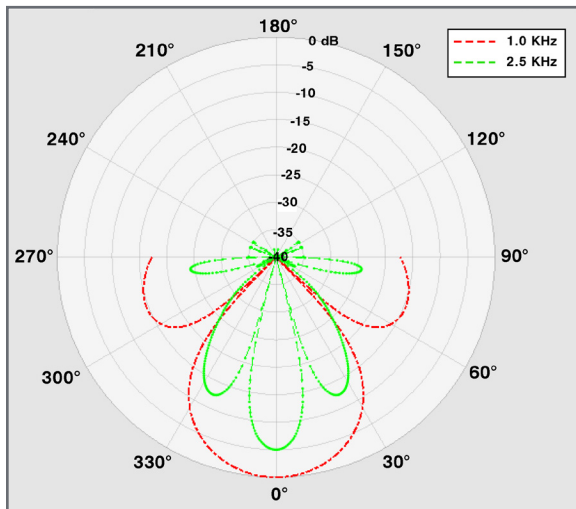


Room size	Beams
16' x 8' to 22' x 16'	6
24' x 18'	11

**Note:** The example room sizes are based on a 10 ft. ceiling.

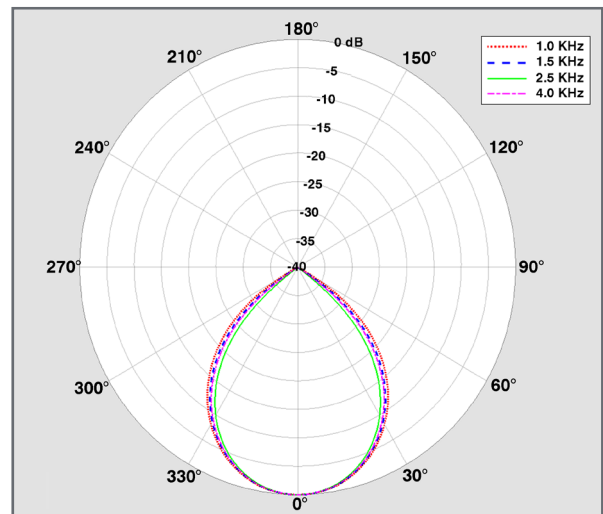
### Frequency Invariant and Deep Sidelobe Beamforming

**Typical Beamforming**



A set of polar plots illustrating a beamformer with gain and coverage that vary with frequency, and that has unwanted large sidelobes.

**ClearOne BMA 360 Beamforming with FiBeam and DsBeam**

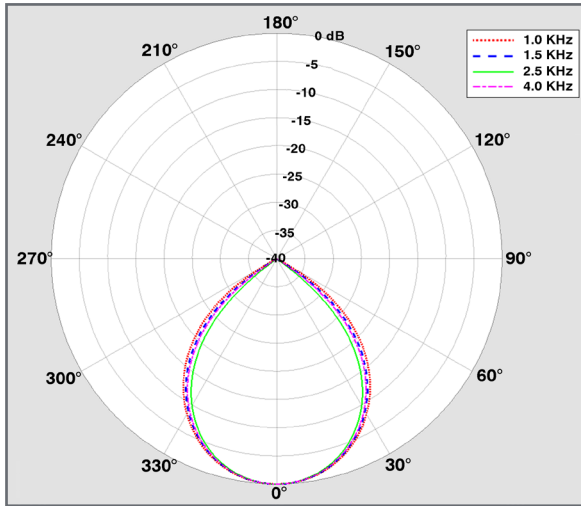


A set of polar plots of the BMA 360 beam performance. These plots show that the pickup pattern is frequency invariant with ultra-low sidelobes below -40 dB.

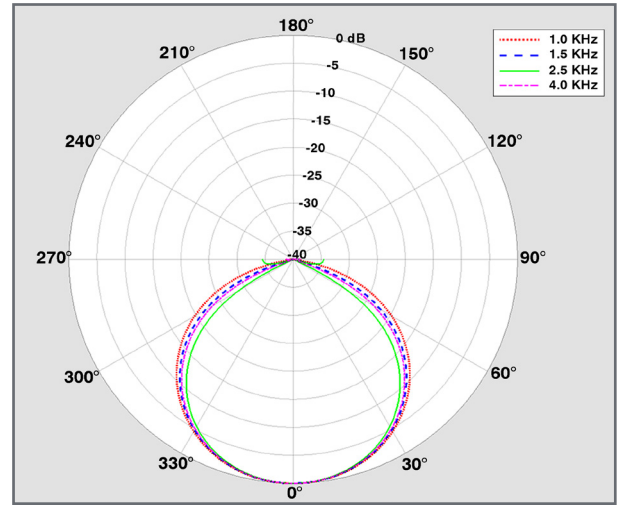
### Polar Plots (Broadside)

Typical Far Field Performance

Narrow Beam, HPBW = 35°

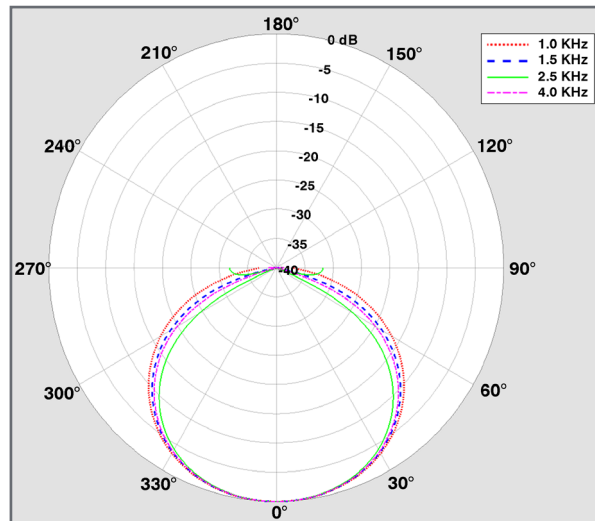


Medium Beam, HPBW = 45°



Gain response is frequency invariant for all beamwidths.

Wide Beam, HPBW = 55°

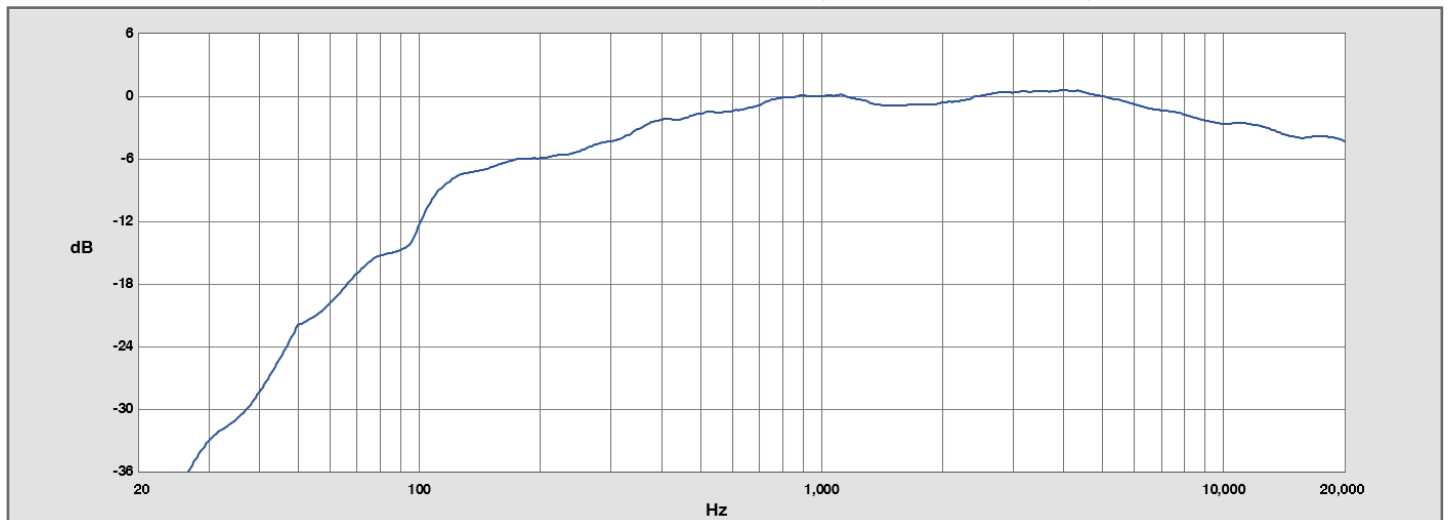


HPBW = Half Power Beamwidth

### Frequency Response (Broadside)

Typical Frequency Response

Frequency response measured directly on-axis from a distance of 2 meters.



# BMA 360

### BEAMFORMING FEATURES

- True Frequency Invariant Beamformer: Gain response is unvarying across frequency
- Beamwidths: 35°, 45° and 55° with Frequency Invariance
- Beamforming Range: 100 Hz to 20 KHz
- Deep Sidelobes: Down to 45 dB of depth
- Beam Pointing Accuracy: 0.2 dB
- Dynamic Range: 20 Hz to 20 KHz, > 70 dB
- Number of Beams: 6, 8, 10, 11, or 12
- Room Patterns: Full Circle/Square, Rectangular, Semi-Circle/Classroom
- Coverage Sizes: 24 sizes from small 10 ft x 10 ft up to extra large 36 ft x 20 ft
- Ceiling Height: Configurable with CONSOLE AI from 7 ft to 20 ft

### AMPLIFIER OUTPUT

- Type: 5.08 mm Header, Phoenix-type Euroblock
- Audio: 4 channels
- Output Power: 4x15 W Max, 8 Ω load, or 2x30W, 4 Ω load, Bridged
- Frequency Response: 20 Hz – 22 kHz, +/- 0.5 dB

### CONFIGURATION

- Acoustic Echo Cancellation (AEC) On/Off
- Noise Cancellation (NC) on/off. Range: 6 to 25 dB depth.
- Automatic Level Control (ALC) On/Off
- Gain Adjust
- Mute On/Off

### SOFTWARE

- CONSOLE® AI

### DIMENSION & WEIGHT

- 24 in:  
23.72 x 23.72 x 2.13 in (602.5 x 602.5 x 54.1 mm)
- 600 mm:  
592.5 x 592.5 x 54.1 mm (23.33 x 23.33 x 2.13 in)
- Product Weight: 9 lbs (4.1 kg)
- Shipping Weight: 12.85 lbs (5.83 kg)

### MOUNTING

- Ceiling Mount: 24 in, 600 & 625 mm drop-ceiling grid
- VESA® Mount ready: 100 mm hole pattern, M4x10 mm

### P-LINK PERIPHERAL BUS PORT

- Ports Type: RJ-45
- P-Link In and Out: Proprietary peripheral bus
- P-Link Power

- Cable: Solid core 23AWG, factory terminated Cat6
- Distance
  - Normal distance mode: Up to 200 ft (60 m)
  - Long distance mode: To be supported with a future firmware upgrade.

### POE ++ PORT

- Port Type: RJ45 PoE power
- Power on all pairs
- 56 V 90 W IEEE 802.3bt compliant devices or equivalent, Mode A and B, Midspan
- Cable: Solid core, 23AWG, factory terminated Cat6

### POE REQUIREMENTS

- No speakers: 36 W PoE, connected via P-Link or PoE++
- Speakers: Requires 56 V 90 W IEEE 802.3bt PoE, must be via direct PoE++ port on the BMA 360

### POWER SELECTION

- Automatically senses and switches to whichever input port has PoE power

### POWER AND THERMAL

- Power Source: PoE injector or equivalent
- Power Consumption:
  - 100-240 VAC, 50/60 Hz
  - 23 Watt typical without speaker amp
  - 55 W at 1/3 power x 4 @ 1kHz
- Thermal: 270 BTU/hr at max power
- Operating Temperature: 14 °F/-10 °C to 104 °F/40 °C ambient temperature

### ACCESSORIES

- 910-3200-202 PoE Power supply kit, 36 W
- 910-3200-207 PoE Power supply kit, 70 W
- 910-3200-209 PoE Power supply kit, 90 W
- 910-3200-205-AI Brackets, convert 600 to 625 mm
- 910-3200-208-CB BMA CT Conduit Box

### MOUNTS FOR NON-TILE CEILINGS

- 910-3200-210 BMA 360 Surface-Mount Kit 24 in
- 910-3200-210-I BMA 360 Surface-Mount Kit 600 mm
- 910-3200-212 BMA 360 Recessed-Mount Kit 24 in
- 910-3200-212-I BMA 360 Recessed-Mount Kit 600 mm

### PART NUMBERS

- 910-3200-208 BMA 360
- 910-3200-208-I BMA 360 INTERNATIONAL

## SALES AND INQUIRIES

### Headquarters

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Salt Lake City, UT 84116

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### International

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### Sales

Tel: 801.975.7200  
sales@clearone.com

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