ClearOne’s second-generation Beamforming Mic Array is the professional-grade microphone array with beamforming and adaptive steering, ClearOne’s next-generation Acoustic Echo Cancellation and Noise Cancellation.

The ultra-sleek design fits into any conferencing environment and delivers the clearest audio pickup available with its Acoustic Intelligence.

2nd-Generation Mic Array
- Beamforming & adaptive steering technology—Think of it as smart beam selection
- Most advanced AEC & NC
- Acoustic Intelligence with adaptive ambience
- Replaces 9 to 12 traditional microphones

Flexible & Scalable
- Daisy-chain up to 3 arrays per CONVERGE® Pro 2 unit
- Zero-consumption of CONVERGE Pro 2 analog inputs
- Single cable for power, audio & control
- Daisy-chain with DIALOG® 20 Wireless Mic System

Ultra-Sleek Design
- Three mounting options - Ceiling, Wall & Table
- Two power options: P-link, PoE
- Standard ceiling projector mount

Configuration & Management
- New CONVERGE Pro 2 CONSOLE software
- Auto-discovery of devices
- System monitoring and troubleshooting

APPLICATIONS
- Boardrooms
- Conference Rooms
- Large Lecture Halls
- Training Centers
- Courtrooms
- Telemedicine Facilities
- Houses of Worship
**Rear Connections**

- Power Selection Switch
- PoE In
- P-Link In
- USB (future) P-Link Out

**Connection Diagrams**

---

**Operating Modes**

- **Ceiling**
- **Table**
- **Wall**
# Product Specifications

## Audio
- **24 microphones**
- **1 Channel In** (does not use any input channels in CONVERGE Pro 2)

## Number of Beams:
- **5** in Ceiling mode
- **6** in Table mode
- **5** in Wall mode

## Polar Pattern: Custom

## Frequency Response: 150Hz – 16kHz, +/- 3dB

## Dynamic Range: 150Hz – 16kHz, >70dB

## LED & Touch Sensor
- **Sensor Type:** 2 Capacitive Touch Button for Mute
- **LED:** 2x: one on each end of a unit
  - **Power On:** Blue
  - **Power On & Unmuted:** Blue
  - **Muted:** Red
  - **Power Off:** No light

## Configuration
- **Beam enable/disable**
- **Mounting mode selection:**
  - **Auto**
  - **Ceiling**
  - **Wall**
  - **Table**
- **Acoustic Echo Cancellation (AEC) on/off**
- **Noise Cancellation (NC) on/off**
- **Filters:**
  - **All Pass**
  - **Low Pass**
  - **High Pass**
  - **Notch**
  - **PEQ**
- **Automatic Level Control (ALC) on/off**
- **Gain adjust**
- **Mute on/off**
- **Auto gate/Manual gate**

## USB
- **For future use**

## P-Link Peripheral Bus
- **P-Link In & Out:** Proprietary Peripheral Bus
- **Ports Type:** RJ-45
- **Cable:** Solid core 24AWG, factory terminated Cat 5e or Cat 6
- **Distance:** Up to 200 feet
- **Sub-standard:** Mode B

## Daisy-Chain:
- **Up to 3 Beamforming Microphone Array 2 units with each supported CONVERGE Pro 2 unit in the same chain**
- **Up to 3 Beamforming Microphone Array 2 units and up to 3 DIALOG 20 Wireless Receiver units with each supported CONVERGE Pro 2 unit in the same chain**
- **Up to 6 Beamforming Microphone Array 2 units in the same chain with 2 supported CONVERGE Pro 2 units connected through C-Link (future software/firmware upgrade)**

## Long Distance P-Link:
- Increases P-Link distance from 200 Ft to 650 Ft
- 650 Ft (200M) maximum cable distance between any two units
- **Cat6, 550 MHz, 23 AWG, solid conductor cable**
- **Do not use Copper Clad Aluminum (CCA) cable**
- **Available only for BFM2 peripheral units**
- **48V PoE Midspan Mode B power injector for 1 BFM2 unit**
- **56V PoE Midspan Mode B power injector for 3 BFM2 units**

## Power Selection Switch
- **Sensor Type:** Slide Switch
- **Toggle toward P-Link to power device by P-Link**
- **Toggle toward PoE to power device by PoE Injector**

## Configuration & Administration Software
- **CONVERGE Pro 2 CONSOLE® Software**
- **Commands**
  - Through supported CONVERGE Pro 2 unit connected through P-Link

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

## Power & Thermal
- **Power Type:** PoE
- **Port Type:** RJ-45
- **Power Source:** P-Link or PoE Injector
- **PoE In:** PoE IEEE 802.3at
- **Power Source Indicator:** Set the position of the power source to indicate the source of the power (P-Link or PoE)
- **Mains Voltage:** 100-240VAC, 50/60Hz
- **AC Power Consumption:** 12W Typical
- **DC Power Consumption:** 5.26W Typical
- **Thermal:** 40.95 BTU/Hr
- **Operating Temperature:** 14° F/-10° C to 104° F/40° C ambient temperature

## Dimension & Weight (WxHxD)
- **30” x 1” x 5.75” (762mm x 25.4mm x 146mm)**

## Shipping Weight: 5.7 lbs (2.59kg)

## Part Numbers
- **910-3200-001:** White Beamforming Microphone Array 2
- **910-3200-001-B:** Black Beamforming Microphone Array 2
- **910-3200-002:** CONVERGE Pro 2 128T
- **910-3200-002-D:** CONVERGE Pro 2 128TD
- **910-3200-003:** CONVERGE Pro 2 128V
- **910-3200-003-D:** CONVERGE Pro 2 128VD
- **910-3200-004:** CONVERGE Pro 2 120
- **910-3200-005:** CONVERGE Pro 2 48T
- **910-3200-006:** CONVERGE Pro 2 48V
- **910-3200-201-B:** Black Beamforming Microphone Array 2
- **910-3200-201:** White Beamforming Microphone Array 2

---

**SALES AND INQUIRIES**

**Headquarters**
- 5225 Wiley Post Way
- Suite 500
- Salt Lake City, UT 84116
- Tel: 801.975.7200
- TollFree: 800.945.7730
- Fax: 801.303.5711

**US & Canada**
- Tel: 801.975.7200
- global@clearone.com
- sales@clearone.com

**International**
- Tel: +1.801.975.7200
- global@clearone.com

**Sales**
- Tel: 801.975.7200
- sales@clearone.com

**TechSupport**
- Tel: 801.974.3760
- tech.support@clearone.com

Other product names may be registered trademarks of their respective owners who do not necessarily endorse ClearOne or ClearOne’s products. All rights reserved. Information in this document subject to change without notice. DST-0037-001 rev3.3 © 2017 ClearOne.
# PRODUCT SPECIFICATIONS

## Accessories

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>910-3200-202</td>
<td>PoE Power supply kit for BFM</td>
</tr>
<tr>
<td>910-3200-203-12</td>
<td>BFM2 Ceiling Mount kit with 12” Suspension Column - White</td>
</tr>
<tr>
<td>910-3200-203-12-B</td>
<td>BFM2 Ceiling Mount kit with 12” Suspension Column - Black</td>
</tr>
<tr>
<td>910-3200-203-24</td>
<td>BFM2 Ceiling Mount kit with 24” Suspension Column - White</td>
</tr>
<tr>
<td>910-3200-203-24-B</td>
<td>BFM2 Ceiling Mount kit with 24” Suspension Column - Black</td>
</tr>
<tr>
<td>910-3200-203-36</td>
<td>BFM2 Ceiling Mount kit with 36” Suspension Column - White</td>
</tr>
<tr>
<td>910-3200-203-36-B</td>
<td>BFM2 Ceiling Mount kit with 36” Suspension Column - Black</td>
</tr>
<tr>
<td>910-3200-203-48</td>
<td>BFM2 Ceiling Mount kit with 48” Suspension Column - White</td>
</tr>
<tr>
<td>910-3200-203-48-B</td>
<td>BFM2 Ceiling Mount kit with 48” Suspension Column - Black</td>
</tr>
<tr>
<td>910-3200-203</td>
<td>BFM2 Ceiling Mount kit without Suspension column - White</td>
</tr>
<tr>
<td>910-3200-203-B</td>
<td>BFM2 Ceiling Mount kit without Suspension column - Black</td>
</tr>
<tr>
<td>910-001-005-12</td>
<td>BFM White Ceiling Mount kit with 12” suspension column</td>
</tr>
<tr>
<td>910-001-005-12-B</td>
<td>BFM Black Ceiling Mount kit with 12” suspension column</td>
</tr>
<tr>
<td>910-001-005-24</td>
<td>BFM White Ceiling Mount kit with 24” suspension column</td>
</tr>
<tr>
<td>910-001-005-24-B</td>
<td>BFM Black Ceiling Mount kit with 24” suspension column</td>
</tr>
<tr>
<td>910-001-005-36</td>
<td>BFM White Ceiling Mount kit with 36” suspension column</td>
</tr>
<tr>
<td>910-001-005-36-B</td>
<td>BFM Black Ceiling Mount kit with 36” suspension column</td>
</tr>
<tr>
<td>910-001-005-48</td>
<td>BFM White Ceiling Mount kit with 48” suspension column</td>
</tr>
<tr>
<td>910-001-006</td>
<td>BFM White Wall Mount kit</td>
</tr>
<tr>
<td>910-001-006-B</td>
<td>BFM Black Wall Mount kit</td>
</tr>
<tr>
<td>910-3200-204-50</td>
<td>50 Ft RJ45 CAT6 Cable</td>
</tr>
<tr>
<td>910-3200-204-100</td>
<td>100 Ft RJ45 CAT6 Cable</td>
</tr>
<tr>
<td>910-3200-204-150</td>
<td>150 Ft RJ45 CAT6 Cable</td>
</tr>
<tr>
<td>910-3200-204-200</td>
<td>200 Ft RJ45 CAT6 Cable</td>
</tr>
</tbody>
</table>

---

**SALES AND INQUIRIES**

**Headquarters**
5225 Wiley Post Way
Suite 500
Salt Lake City, UT 84116

**US & Canada**
Tel: 801.975.7200
TollFree: 800.945.7730
Fax: 801.303.5711

**International**
Tel: +1.801.975.7200
global@clearone.com

**Sales**
Tel: 801.975.7200
sales@clearone.com

**TechSupport**
Tel: 801.974.3760
tech.support@clearone.com

Other product names may be registered trademarks of their respective owners who do not necessarily endorse ClearOne or ClearOne’s products. All rights reserved. Information in this document subject to change without notice. DST-0037-001 rev3.3 © 2017 ClearOne.