



The **CONVERGE® Huddle** is a professional audio DSP mixer that addresses today's AV needs in huddle rooms and similarly sized meeting spaces.

With **CONVERGE Huddle**, audio and video collaboration applications can be accomplished through a single cable connection to users' **Bring Your Own Devices (BYOD)**, such as laptops, tablets, and smartphones that run applications such as **Microsoft Teams, GoToMeeting™, Zoom, Google Meet and WebEx®**.

### Audio Signal Processing

- + Next-gen Acoustic Echo Cancellation processing
- + Distributed Echo Cancellation® on every mic input
- + Noise Cancellation with Adaptive-Ambience
- + Acoustic Intelligence with faster convergence

### Bring Your Own Application

- + PC-based video conferencing
- + PC-based audio conferencing
- + Audio conferencing via mobile devices
- + In-room wired presentation

### Clutter-Free Connection

- + Connects laptop via single USB 3.0 connection\*\*
- + Connects display screen, camera, mic and speaker
- + Connects PC / mobile device through Bluetooth (future)

### Simple Configuration

- + User-friendly Pro CONSOLE® software
- + Pre-configured template
- + Auto-discovery of devices
- + System monitoring and troubleshooting

### Flexibility

- + Compatible with ClearOne or any 3rd party camera
- + Compatible with ClearOne or any 3rd party mic
- + Compatible with ClearOne or any 3rd party speaker

### Compact Form Factor

- + Half rack width, 1RU rack height
- + Flexible mounting under a conference table, or in a closet, rack or on the wall, or VESA mounting



## APPLICATIONS

Audio Conferencing

Video Conferencing

Presentation

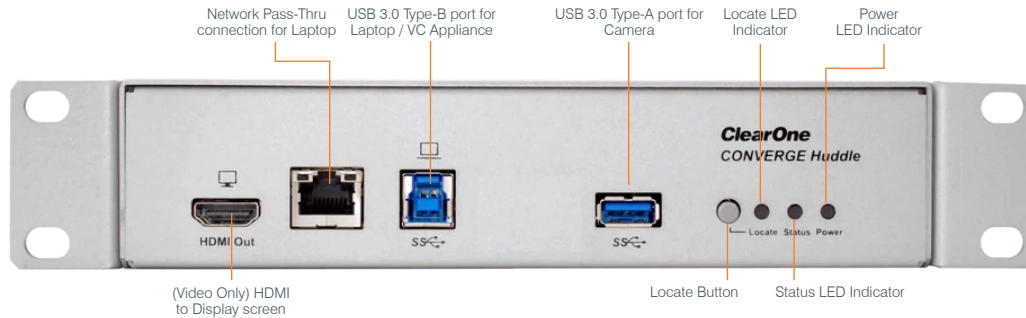
## WORKSPACES

Huddle Rooms

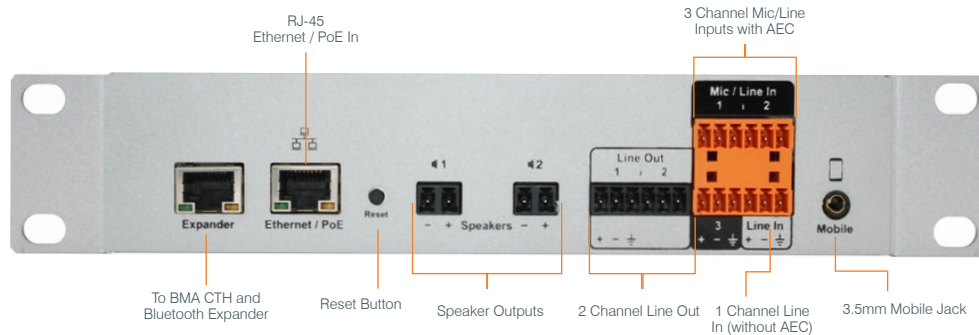
\* Requires DisplayLink driver on laptop

# USB 3.0 cable can be extended up to 10m, 30m

## Front Panel



## Back Panel



## PRODUCT SPECIFICATIONS

Unless otherwise specified, all measurements are performed with a 20Hz to 22kHz BW (no-weighting).

### MIC/LINE INPUTS & OUTPUTS

**Inputs:** 3 Channels balanced audio Mic/Line inputs with AEC, 1 Channel balanced audio Line input without AEC, 3.81mm Orange color Phoenix/Euroblock type male header, Push-on mini-terminal block

**Line Outputs:** 2 Channel Balanced audio Line outputs, 3.81mm Black color Phoenix/Euroblock type male header, Push-on mini-terminal block

**Frequency Response:**  
20Hz – 22kHz @ 0dBu, +/- 0.5dBu

**EIN (Equivalent Input Noise):**  
20kHz BW, max gain,  $R_s = 150\Omega$ , -126dBu

**THD + N (Total Harmonic Distortion + Noise):**  
• 20Hz – 22kHz @ 0dBu, line level, <0.01%  
• 20Hz – 22kHz @ -56dBu, mic level, <0.2%

**Dynamic Range:**  
20Hz – 20kHz @ 0dB, >105dB

**Crosstalk (Mic/Line):**  
Channel to Channel, stimulus at 20dBu to receptor at -56dBu, 1kHz, < -98dB

**Input Impedance:**  
Balanced (line to ground), 2.2k $\Omega$ , 1%

**Nominal Input Level:**  
Adjustable -56dB to 0dB, 7dB step coarse gain

**Maximum Input Level:** -65dBu to 20dBu  
**Phantom Power:** 48V, Impedance 6.81k $\Omega$

**Output Impedance:**  
Balanced (line to ground), 95 $\Omega$ , 1%

**Output Level:**  
0dBu (Nominal), 20dBu (Max)

### HEADSET AUDIO

**Port Type:** 3.5mm TRRS connector

**Frequency Response:**  
• Headset In: 20Hz – 22kHz, +/- 3dB  
• Headset Out: 20Hz – 22kHz, +/- 1dB

**THD + N (Total Harmonic Distortion + Noise):**  
• Headset In: 20Hz – 22kHz @ -7.782dBu nominal, <0.01%  
• Headset Out: 20Hz – 22kHz @ 0dBu, <0.02%

**Dynamic Range:**  
20Hz – 20kHz @ 0dB, >95dB

### USB 3.0 TYPE-B

**Location:** Front Panel

**Number of Ports:** 1

**Devices:** PC/laptop/Mac/VC Appliance

**Networks:** For Audio/Video and Network

### USB 3.0 TYPE-A

**Location:** Front Panel

**Number of Ports:** 1

**Devices:** Camera

**Compatible:** USB 3.0

**USB Power Sourcing:** 5V@900mA.

### NETWORK PASSTHROUGH

**Port Type:**

RJ-45, 10/100/1000Mbps, passthrough to USB-B 3.0

### EXPANDER

**Ports Type:** RJ-45 (Cat5e or Cat6)

**Expander Out:** Proprietary Peripheral Bus

**Cable:** Solid core, factory terminated Cat 5e or 6 cable

**Distance:** Up to 200' (60M)

**Device:** 1 Expander port for BMA CTH and Bluetooth

Expander

### AMPLIFIER OUTPUT

**Type:** 5.08mm Black Header, Male, Phoenix type Euroblock

**Speaker Output Port:** Dual binding posts

**Audio:** 2 Channels

**Output Power:** 10W Max, 8 $\Omega$  load

**Frequency Response:**

20Hz – 22kHz @ 10dBu, +/- 0.5dBu

**THD + N (Total Harmonic Distortion + Noise):**  
20Hz – 22kHz @ 10dBu, 1W, <0.2%

**Dynamic Range:**  
20Hz – 22kHz @ 20dB, >102dB with 20kHz digital low pass filter

**Crosstalk (Mic/Line):**

Channel to Channel, stimulus at 20dBu to receptor, < -70dB

### VIDEO

**Port Type:** HDMI output connector

**Location:** Front Panel

**Resolutions:**

- Ultra-high resolution support (up to 2560x1600)

### LEDs

**Location:** Front Panel

**Status LED:** Blue / Red

**Locate LED:** Blue / Red

**Power LED:** Blue

### ETHERNET

**Port Type:**

RJ-45, 10/100Mbps Ethernet Network, Auto Negotiation

### POE, POWER & THERMAL

**Power Type:** PoE

**Port Type:** RJ-45

**Power Source:**

56V 640mA BMA2 PoE Power Injector (Part No. 910-3200-202) (Midspan), or PoE Ethernet Network Switch (Endspan)

IEEE 802.3at, Mode A or B

**Mains Voltage:** 100-240V AC, 50/60Hz

**Power Consumption:** 34 Watts Typical

**Thermal:** 116 BTU/Hr Typical

**Operating Temperature:**

14°F (-10°C) to 104°F (40°C) Ambient Temperature

### RESET

**Factory Reset:** Press continuously for ~10 seconds.

### DIMENSION & WEIGHT

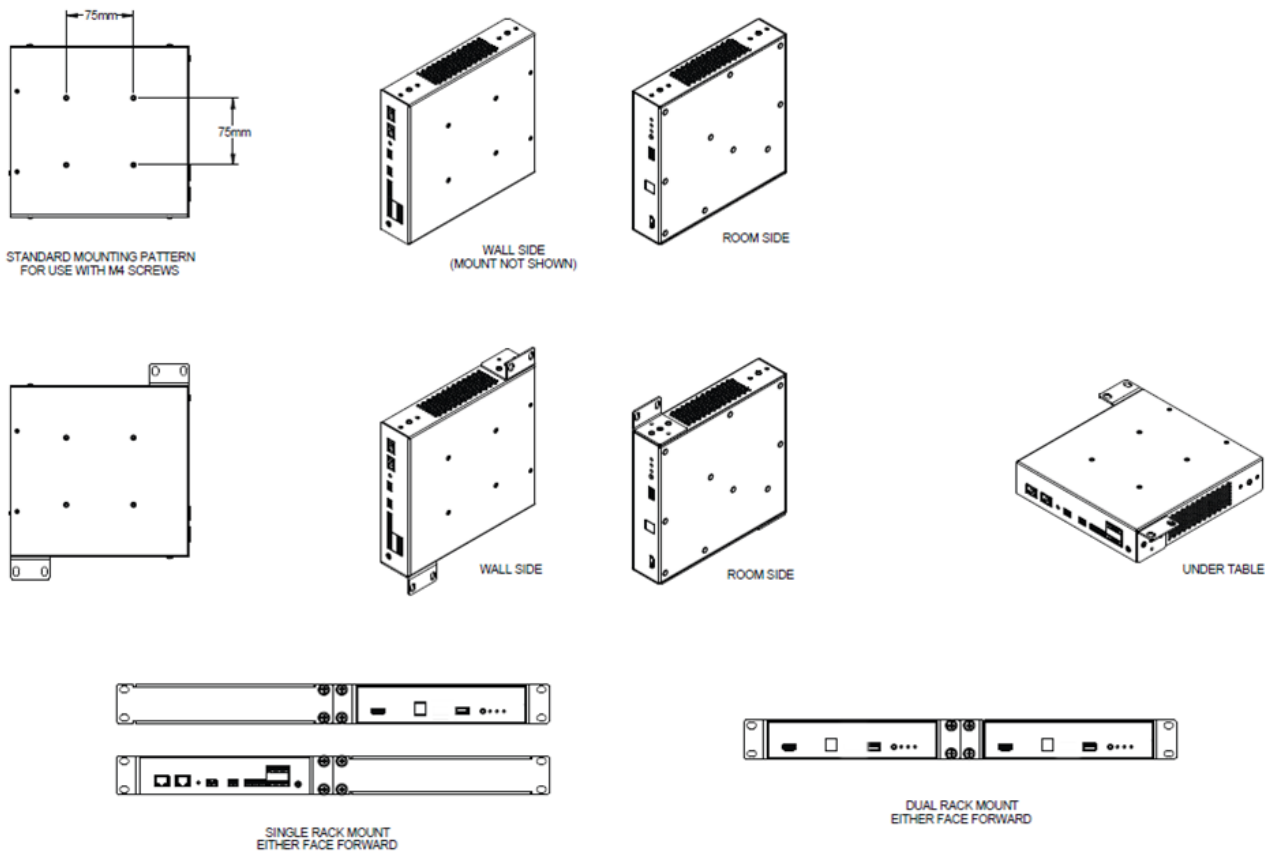
**Width x Depth x Height:**

7.52" x 7.83" x 1.73" (191mm x 199mm x 44mm)

**Unit Weight:** 2.9 lbs (1.32 kg) (Approximately)

PRODUCT SPECIFICATIONS

MOUNTING



PART NUMBER

Part Number	Product Name
910-3200-701	CONVERGE Huddle
910-3200-702-30	USB 3.0 Cable – 30 feet
910-3200-702-100	USB 3.0 Cable – 100 feet
910-3200-703	Rack Mounting kit for CONVERGE Huddle

RELATED SKUs

Audio	Ceiling Mic Array Analog-X
	Ceiling Mic Array
	DIALOG® 20 Wireless Mics
	Wired Tabletop Mic
	Wired Tabletop Delta Mic
	Ceiling Speakers
	Wall Speakers
Video	COLLABORATE® Pro 300
	COLLABORATE Versa 100
	COLLABORATE Versa 150
	COLLABORATE Space
	UNITE® 200 PTZ Camera
	UNITE 150 PTZ Camera
Power	PoE+ BMA2 PoE Power Injector (Part No. 910-3200-202)
	BMA2 PoE Power Injector (Part No. 910-3200-202)

SALES AND INQUIRIES

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