



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 Spontania®, Skype®, Skype for Business, etc.

**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

\* Requires DisplayLink driver on laptop  
 # USB 3.0 cable can be extended up to 10m, 30m



**APPLICATIONS**

Audio Conferencing

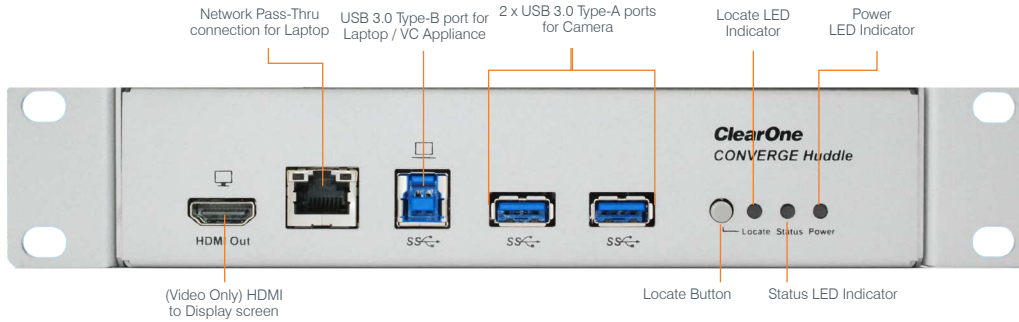
Video Conferencing

Presentation

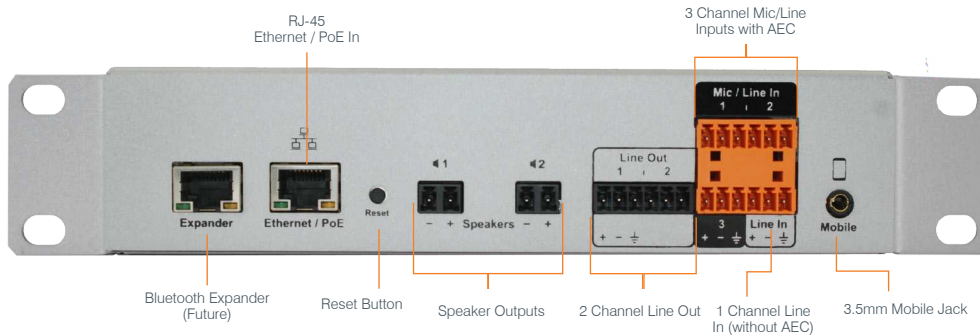
**WORKSPACES**

Huddle Rooms

## 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, <0.2%

**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:** 2  
**Devices:** Camera  
**Compatible:** USB 2.0  
**USB Power Sourcing:** 5V @ 500mA each

### 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:** Bluetooth Expander (Future)

### 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, <0.3%

**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:**

- 1600 x 1200p @ 60Hz, 4:3 ratio
- 1920 x 1200p @ 60Hz, 16:10 ratio
- 2560 x 1440p @ 60Hz, 16:9 ratio

### 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:**  
PoE power injector (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

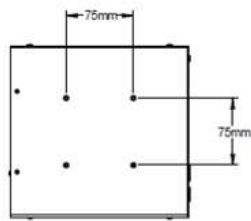
**Factory Reset:** Press continuously for ~10 seconds.

### DIMENSION & WEIGHT

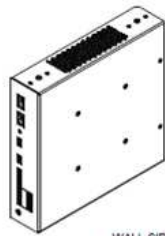
**Width x Depth x Height:**  
7.52" x 7.83" x 1.73" (191mm x 199mm x 44mm)  
**Unit Weight:** 2.9 lbs (1.32 kg) (Approximately)

## PRODUCT SPECIFICATIONS

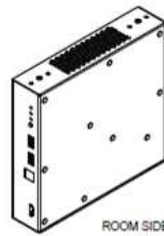
### MOUNTING



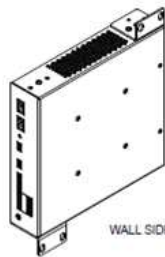
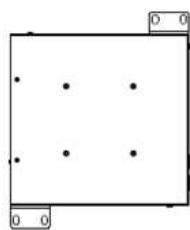
STANDARD MOUNTING PATTERN  
FOR USE WITH M4 SCREWS



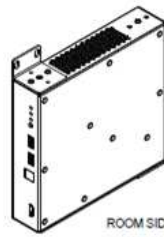
WALL SIDE  
(MOUNT NOT SHOWN)



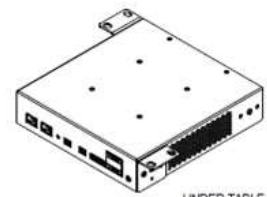
ROOM SIDE



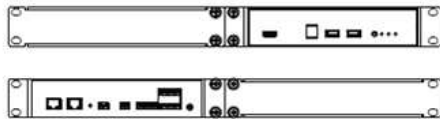
WALL SIDE



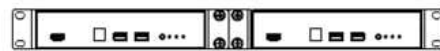
ROOM SIDE



UNDER TABLE



SINGLE RACK MOUNT  
EITHER FACE FORWARD



DUAL RACK MOUNT  
EITHER FACE FORWARD

### 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
	Spontania®
	UNITE® 200 PTZ Camera
Power	PoE+ Power Injector
	PoE Power Injector

## 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  
TollFree: 800.283.5936  
tech.support@clearone.com