



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

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)

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

Bring Your Own Application

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

Simple Configuration

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

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

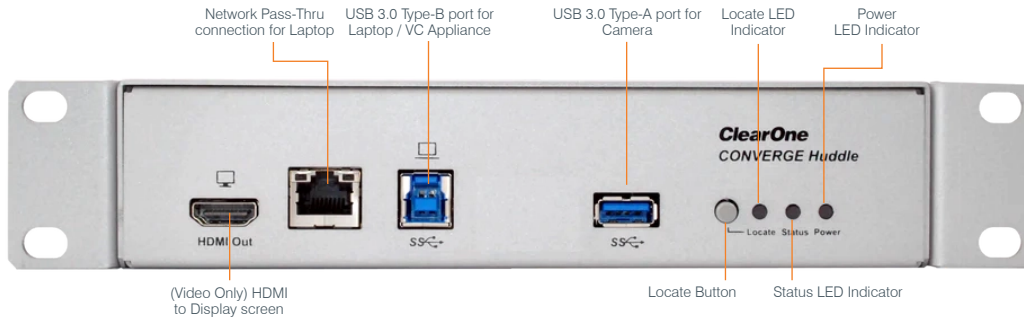
WORKSPACES

Huddle Rooms

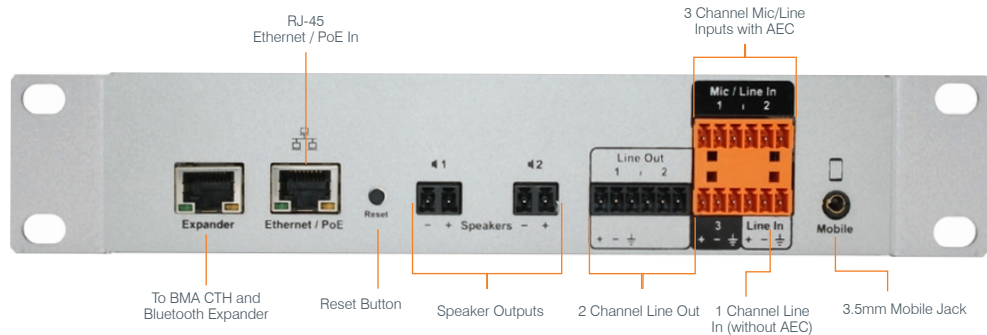
* Requires DisplayLink driver on laptop

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 Ω , 1%

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

Maximum Input Level: -65dBu to 20dBu
Phantom Power: 48V, Impedance 6.81k Ω

Output Impedance:
Balanced (line to ground), 95 Ω , 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 Ω 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

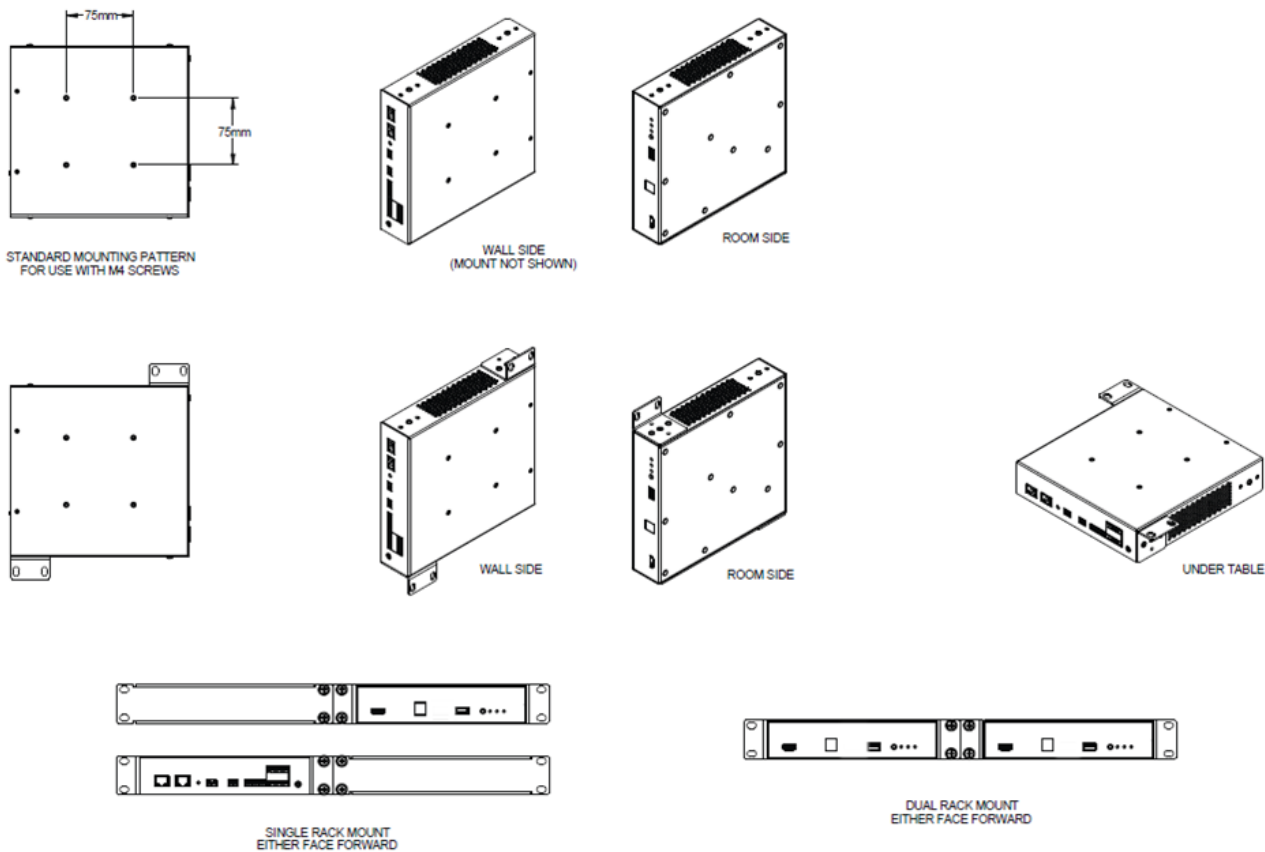
Width x Depth x Height:

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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