



**ClearOne®**

# Concise Catalog

AV Solutions & Cloud Collaboration Services

2019



## WHAT WE DO

**ClearOne** enhances communication and collaboration for organizations worldwide, from the Fortune 500 to small and medium businesses and institutions. We design, develop, and sell conferencing, collaboration, AV network streaming & signage solutions through a global network of expert AV and IT practitioners who specify, install, and support our advanced solutions.

The performance and simplicity of our comprehensive solutions enable unsurpassed levels of functionality, reliability, and scalability.

From ad-hoc work spaces and mobile conferences to the largest meeting venues and boardrooms, ClearOne is the best-in-class option for any industry or organization that relies on teamwork and collaboration to be successful.

# ClearOne®

## AUDIO CONFERENCING

Industry-leading audio conferencing solutions bring state-of-the-art audio technology to any workspace, from huddle spaces to the largest meeting venues and boardrooms.

p. 1

## VISUAL COLLABORATION

Award-winning solutions offer a winning combination of clear audio and quality video for premium in-room and cloud-based experiences.

p. 13

# BETTER

# TOGETHER

## AV NETWORKING

IP-based AV network media streaming solutions provide the highest-quality media streaming on existing IP networks; unmatched in scalability, ease of implementation, and lowest total cost of ownership.

p. 21

**DSP MIXERS**

**PAGE 2**



**MICROPHONES**

**PAGE 6**



**SPEAKERPHONES**

**PAGE 8**



**CONFERENCE PHONES**

**PAGE 10**



**VIDEO COLLABORATION**

**PAGE 14**



**BYOD COLLABORATION**

**PAGE 16**



**PROFESSIONAL CAMERAS**

**PAGE 18**



**NETWORK MEDIA STREAMING**

**PAGE 22**



**SOUND REINFORCEMENT**

**PAGE 27**

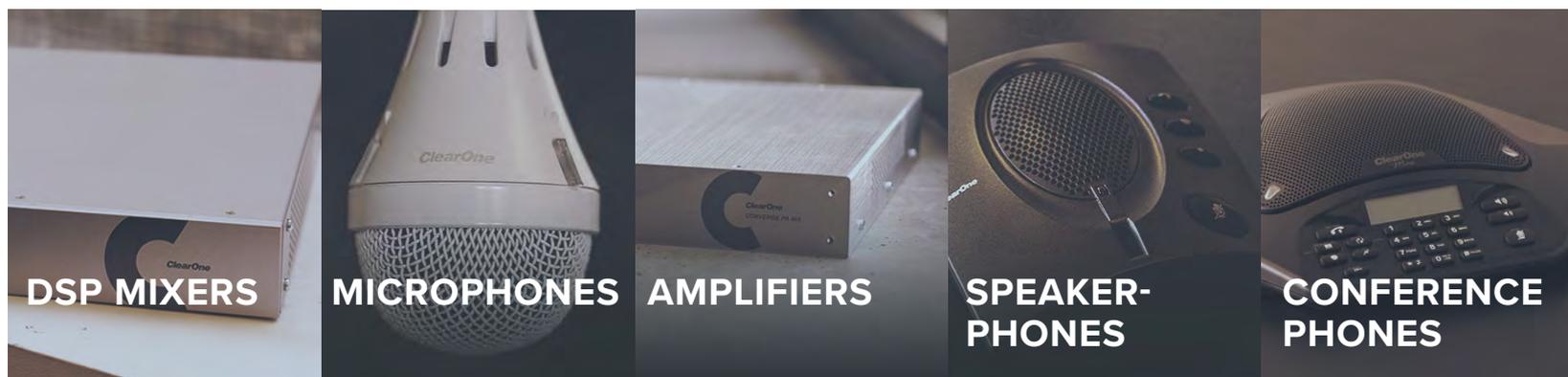


**AUDIO DISTRIBUTION**

**PAGE 29**

# AUDIO CONFERENCING

Clear, intelligible audio elevates the user experience in any workspace—from cubicles and huddle spaces to executive offices, boardrooms, and auditoriums. When you choose ClearOne, you get the highest-quality audio and visual solutions and a team committed to your success.



CONVERGE<sup>®</sup> Pro 2  
CONVERGE Huddle  
CONVERGE Pro  
INTERACT<sup>®</sup> Pro

Beamforming Arrays  
Ceiling Arrays  
Wireless Systems  
Tabletop

CHAT<sup>®</sup>  
MAX<sup>®</sup>  
INTERACT<sup>®</sup> AT

# DSP MIXERS



## **CONVERGE Pro 2**

Experience the industry's most advanced professional-voice DSP platform for conferencing applications.



## **CONVERGE Huddle**

A professional audio DSP mixer that addresses today's AV needs in huddle rooms and similarly sized meeting spaces.



## **CONVERGE Pro**

This series of professional voice-conferencing products delivers excellent performance, flexibility, and manageability.



## **INTERACT Pro**

Get professional voice conferencing with true stereo echo cancellation, allowing direct connection to enterprise telephones, PCs, and HD Video Collaboration systems.



## **INTERACT AT**

Add professional sound at an affordable price with a complete conference room solution that is compatible with popular UC and web applications.

DSP Mixers		
MODEL	IMAGE	DESCRIPTION
<b>CONVERGE Pro 2</b>		
CONVERGE Pro 2 128		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (AEC), 8 mic/line outputs and built-in USB audio.
CONVERGE Pro 2 128D		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (AEC), 8 mic/line outputs, built-in USB audio and built-in Dante digital audio networking.
CONVERGE Pro 2 128T		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (AEC), 8 mic/line outputs, built-in USB audio and built-in telephone interface.
CONVERGE Pro 2 128TD		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (AEC), 8 mic/line outputs, built-in USB audio, built-in telephone interface and built-in Dante digital audio networking.
CONVERGE Pro 2 128V		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (AEC), 8 mic/line outputs, with built-in USB audio and built-in VoIP interface for up to 5 lines or Skype <sup>®</sup> for Business client support.
CONVERGE Pro 2 128VD		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (AEC), 8 mic/line outputs, with built-in USB audio, built-in VoIP interface for up to 5 lines or Skype for Business client support and built-in Dante digital audio networking.
CONVERGE Pro 2 48T		CONVERGE Pro 2 DSP mixer with 4 mic/line inputs (AEC), 8 mic/line outputs, built-in USB audio and built-in telephone interface.
CONVERGE Pro 2 48V		CONVERGE Pro 2 DSP mixer with 4 mic/line inputs (AEC), 8 mic/line outputs, built-in USB audio and built-in VoIP interface for up to 5 lines or Skype for Business client support.
CONVERGE Pro 2 120		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (AEC) and built-in USB audio.
CONVERGE Pro 2 012		CONVERGE Pro 2 DSP mixer with 12 mic/line outputs and built-in USB audio.
<b>CONVERGE Pro 2 VT</b>		
CONVERGE Pro 2 VT 48VT, 48VTD		CONVERGE Pro 2 DSP mixer with 4 mic/line inputs (AEC), 8 mic/line outputs, built-in USB audio, built-in VoIP interface for 5 lines or 1 built-in Skype for Business client, and 1 built-in telephone interface, with/without Dante digital audio networking interface.
CONVERGE Pro 2 VT 128VT, 128VTD		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (AEC), 8 mic/line outputs, built-in USB audio, built-in VoIP interface for 5 lines or 1 built-in Skype for Business client, and 1 built-in telephone interface, with/without Dante digital audio networking interface.

DSP Mixers		
MODEL	IMAGE	DESCRIPTION
<b>CONVERGE Huddle</b>		
CONVERGE Huddle		A professional audio DSP mixer that addresses today's AV needs in huddle rooms and similarly sized meeting spaces. With CONVERGE Huddle, professional-quality audio and video collaboration can be accomplished through a single BYOD (bring your own device) cable connection to user's equipment.
<b>CONVERGE Pro 2 - Power Amplifier</b>		
CONVERGE Pro PA 460		4-channel x 60 Watt Class-D audio power amplifier, with 4 ohm/8 ohm mode. Bridged I/O supported for 70/100V mode and 120 Watt output. Half-rack-size unit.
<b>CONVERGE Pro 2 - Expanders</b>		
CONVERGE Pro 2 GPIO		General-purpose input & output expander unit for CONVERGE Pro 2 DSP units. 12 input pins, 12 output pins, connects through P-link.
CONVERGE Pro 2 USB		USB audio expander unit for CONVERGE Pro 2 DSP units. 2x2 audio channels, connects through P-link.
<b>CONVERGE Pro 2 - Dialer / Controller</b>		
CONVERGE Pro 2 Touch-Panel Controller		Touch-panel controller/dialer for CONVERGE Pro 2. Runs telephone, VoIP and Skype for Business dialer applications, connects with CONVERGE Pro 2 through RS232, IP or WiFi.
CONVERGE Pro 2 Windows & Mac Dialer		Windows & Mac OS software dialer & controller applications for CONVERGE Pro 2 dialer for telephone & VoIP.
CONVERGE Pro 2 Android & iOS Dialer		Android & iOS mobile OS software dialer & controller applications for CONVERGE Pro 2 dialer for telephone & VoIP and Skype for Business.
CONVERGE Pro 2 3 <sup>rd</sup> -Party Control System		CONVERGE Pro 2 control modules for 3 <sup>rd</sup> -party control systems - AMX, Crestron, Extron. Provide dialer applications for telephone, VoIP and Skype for Business applications.
<b>Pro Audio Conferencing - INTERACT<sup>®</sup> Pro</b>		
INTERACT Pro		Provides unmatched audio performance and scalability with simple configuration. Connects directly with enterprise telephone, HD conferencing systems, UC endpoints and desktop UC applications such as Skype and Skype for Business.
INTERACT Pro 8i		Input-only device adding an additional 8 microphone inputs to the INTERACT Pro conferencing mixer. Includes true stereo Acoustic Echo Cancellation (AEC) and audio-signal processing on microphone inputs required for conferencing.
INTERACT COM and COM-W		Intuitive, cost-effective controller for CONVERGE Pro to easily start and navigate an audio conference without the need for touch-panel control systems.
INTERACT Wired and Wireless Dialer		Wired or wireless 2.4 GHz audio interface for INTERACT solutions, providing full control of the room audio and dialing capabilities.

DSP Mixers		
MODEL	IMAGE	DESCRIPTION
<b>Pro Audio Conferencing - CONVERGE Pro</b>		
CONVERGE Pro 880		Complete audio system that delivers rich functionality with improved audio performance, enhanced management, and simplified configuration for audio-conferencing applications.
CONVERGE Pro 880T		Rich functionality with eight built-in mic inputs, enterprise-telephone interface, enhanced management features, and simplified configuration.
CONVERGE Pro 880TA		Complete conferencing system featuring an automatic, digital matrix mixer, eight microphone inputs, and an integrated, four-channel power amplifier for the sharpest audio experience possible.
CONVERGE Pro 840T		Scalable solution combines the features of the CONVERGE Pro 880 with a built-in telephone interface and 10-watt power amplifier for standalone conferencing capabilities.
CONVERGE Pro 8i		Input-only expansion box for the CONVERGE Pro platform. Can be added to all CONVERGE Pro systems, delivering new, economical configuration flexibility for additional mic and line inputs.
CONVERGE Pro TH20		Enables conference-call functionality for CONVERGE Pro installations with a single telephone line connection and two line-level inputs and outputs; scalable up to 16 units for increased system capacity.
CONVERGE Pro VH20		VoIP end-point device enables CONVERGE Pro to connect directly to a SIP-based phone system or to transport audio on an IP network without the need of a VoIP PBX.
<b>CONVERGE Pro - Network Bridge</b>		
CONNECT® Dante		Provides networked audio distribution capability for CONVERGE Pro and SR products; a flexible Internet Protocol (IP) and Ethernet-based audio network technology.
CONNECT CobraNet		Provides networked audio for CONVERGE Pro devices, using CobraNet® standards, without changing main mixer hardware, and the ability to scale up with new standards.
CONVERGE USB		Plug-and-play USB audio break-out box connecting CONVERGE Pro audio to desktop Video Collaboration applications and desktop UC applications without any firmware or software upgrades. Carries up to 18 channels, and multiple units can be used to extend standard expansion bus distance far beyond 200 feet.
<b>CONVERGE Pro - Dialer / Controller</b>		
CONVERGE Pro 1 Tabletop Controller		Wired tabletop dialer option for CONVERGE solutions, providing full control of the room audio and dialing capabilities.
3 <sup>rd</sup> -party Control System		CONVERGE Pro 1 control modules for 3 <sup>rd</sup> -party control systems.

# MICROPHONES



## **Beamforming Microphone Arrays**

Professional-grade beamforming arrays with Acoustic Intelligence.



## **Ceiling Microphone Arrays**

The richest sounding tri-element ceiling microphone arrays in the industry.



## **DIALOG<sup>®</sup> 20**

These systems offer versatility, scalability, and encryption security with superior audio quality.



## **WS800 Wireless Microphone System**

The most secure, high-quality digital wireless microphone solution from complex multi-space systems to small, simple projects



## **Other Microphones**

Match the requirements of any application with a variety of tabletop microphone options.

## Microphones

MODEL	IMAGE	DESCRIPTION
<b>Beamforming Mic Arrays</b>		
<b>Beamforming Microphone CT</b>		Ceiling-tile beamforming microphone array with all the audio processing built right in - beamforming, echo cancellation, and noise cancellation, eliminating the need for additional processing in a DSP mixer; making the system simpler and more cost-effective. Includes a built-in 2x10W amplifier for conveniently driving ceiling loudspeakers and works natively with the CONVERGE Pro 2 DSP mixer, DIALOG 20 wireless mic system, and P-Link peripherals.
<b>Beamforming Microphone Array 2</b>		Second-generation, professional-grade Beamforming Mic Array with beamforming and adaptive acoustic steering (think of it as smart beam selection), 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. Works with CONVERGE Pro 2 DSP mixers through native P-link connection and connects with DIALOG 20 2-Channel Wireless Mic System.
<b>Beamforming Microphone Array</b>		The Pro-Audio industry's first professional-grade microphone array with beamforming and adaptive steering technology and next-generation AEC. Works with CONVERGE Pro & COLLABORATE® Room Pro. Available in both glossy white and black finishes.
<b>Ceiling Mic Arrays</b>		
<b>Ceiling Microphone Array Analog-X</b>		One of the newest additions to our ceiling mic lineup and our most advanced tri-element ceiling microphone array for conferencing and sound reinforcement applications. Supports daisy-chain option to make 12-mic system, and has 100% RF immunity, longer drop-down cable, LED indication for off/on/mute, and Mic indicator. Works with ClearOne CONVERGE Pro 2 DSP mixers and any 3rd-party DSP mixers.
<b>Ceiling Microphone Array Dante</b>		One of the newest additions to our ceiling mic lineup and our most advanced tri-element ceiling microphone array with built-in Dante audio networking interface for conferencing and sound reinforcement applications. Supports daisy-chain option to make 12-mic system and has 100% RF immunity, longer drop-down cable, LED indication for off/on/mute, and Mic indicator. Works with ClearOne CONVERGE Pro 2 DSP mixers and any 3rd-party Dante DSP mixers.
<b>Ceiling Microphone Array</b>		Three wide-range microphones mounted together into a single-unit array, provide the rich sound of three individual, unidirectional microphones while maintaining full 360-degree coverage. Connect multiple arrays with standard Cat5 cable to CONVERGE Pro or INTERACT DSP mixers.
<b>Wireless Mics</b>		
<b>DIALOG 20 Wireless Microphone System</b>		Feature-rich, and complete 2-channel Wireless Mic System that consists of a receiver with built-in antenna, all types of transmitters - boundary tabletop, gooseneck podium, handheld, beltback, and docking station. Works at 2.4 GHz range, optimized to work natively with CONVERGE Pro 2 DSP mixer and Beamforming Mic Array 2 products; but can work with any DSP mixer. Suitable for low-channel (1, 2, 3, 4) systems.
<b>WS800 M550 Wireless Microphone System</b>		Wireless Mic System with RF band M550 (537-563 MHz). Receivers with 4 or 8 channels, with or without Dante digital-audio networking interface, all types of transmitters including Boundary Tabletop, Gooseneck Podium, Handheld, Beltback, and Extension Antenna kits.
<b>WS800 Wireless Microphone System</b>		Digital Wireless Mic system with 4-channel and 8-channel receivers, Docking Station, All Types of transmitters - Boundary Tabletop, Gooseneck Podium, Beltback, Handheld Microphones, Extension Antenna kits. The most economical and versatile wireless system on the market today with easy installation, use, and scaling. Complements other professional-audio products from ClearOne, and works with any 3rd-party DSP mixers.
<b>WS800 Wireless Microphone System with Dante™ Output</b>		Wireless receiver comes with built-in Dante networking support for transporting digital audio over Ethernet. The most economical and versatile wireless system on the market today with easy installation, use, and scaling. Complements other professional-audio products from ClearOne including CONVERGE Matrix, CONVERGE Pro 2 and CONNECT Dante bridge for CONVERGE Pro.
<b>Charging Stations</b>		
<b>8-Bay Docking Station</b>		Docking station to hold & charge any 8 transmitters with NiMH AA batteries. Applicable to both WS800 and DIALOG 20 Wireless Mic systems.
<b>Wired Mics</b>		
<b>Wired Microphones</b>		Match the requirements of any application with a variety of tabletop microphone options, providing the highest-quality conferencing audio.

# SPEAKERPHONES



## **Group Speakerphones**

Provides amazing audio clarity and a simple USB connection to laptops and PCs in executive offices, huddle spaces, and conference rooms.



## **Personal Speakerphones**

Enjoy crystal-clear HDConference<sup>®</sup> audio technology for collaboration on a desktop, on the go, or in a home office.

**Speakerphones**

MODEL	IMAGE	DESCRIPTION
<b>USB Speakerphones</b>		
CHAT 50		Portable, personal speakerphone, connects to a variety of devices for hands-free USB-powered conferencing. Provides crystal-clear, full-duplex, HD audio for unified communications, VoIP, and other audio applications in the office or on the move.
CHAT 150		Personal/group speaker phone, used for two-way audio (VoIP softphones, web-collaboration applications, instant messaging), or simply used as a large loudspeaker for audio playback, powered through USB.
CHAT 150 USB		Personal/group speakerphone, connects to desktops and laptops via USB (web-collaboration applications, instant messaging), for rich, full-duplex, hands-free audio; powered through USB.
CHATAttach 150		Group USB speakerphone with two, daisy-chained phone units, brings clear, full-duplex audio to medium and large conference rooms. Connects to a variety of devices for hands-free, USB-powered conferencing.
CHAT 150 for Enterprise Phones		Personal/group speakerphone, connects to enterprise phone systems (ad-hoc bridging capabilities allow a USB/analog mix) for rich, full-duplex, hands-free audio.
CHAT 150 VC		Personal/group USB speakerphone, providing rich, USB-powered audio for Video Collaboration codecs.
<b>USB Speakerphones Optimized for Skype</b>		
CHAT 60-U		Skype-certified, portable, personal speakerphone, connects to a variety of devices for hands-free, USB-powered conferencing. Provides crystal-clear, full-duplex, HD audio for unified communications, VoIP and other audio applications in the office or on the move.
CHAT 160		Skype-certified, personal/group USB speakerphone, connects to desktops and laptops to provide rich, hands-free Skype calls for medium and large conferencing rooms.
CHATAttach 160		Skype-certified group USB speakerphone, brings clear, full-duplex audio conferencing to medium and large conference rooms. Connects to a variety of devices for hands-free, USB-powered conferencing.
<b>USB Speakerphones for Skype for Business</b>		
CHAT 70-U		Portable, personal speakerphone, guaranteed compatible with Skype for Business. Designed to provide crystal-clear, full-duplex, HD audio for unified communications, VoIP and other audio applications in the office or on the move.
CHAT 170		Personal/group USB speakerphone, guaranteed compatible with Skype for Business. Connects to desktops and laptops to provide rich, hands-free, USB-powered conferencing for medium and large conferencing rooms.
CHATAttach 170		Group USB speakerphone, guaranteed compatible with Skype for Business. Brings clear, full-duplex audio conferencing to medium and large conference rooms. Connects to a variety of devices for hands-free, USB-powered conferencing.

# CONFERENCE PHONES



## **MAX EX & MAXAttach EX**

Bring unrivaled audio clarity and unmatched scalability to meeting spaces of all shapes and sizes with a fully expandable conference phone.



## **MAX IP & MAXAttach IP**

A fully expandable VoIP tabletop conference phone providing unrivaled audio clarity using HDConference® audio processing.



## **MAX Wireless & MAXAttach Wireless**

Enjoy wireless conferencing for small and medium-sized rooms with wireless phones that support secure, encrypted transmission.

**Speakerphones / Conference Phones**

MODEL	IMAGE	DESCRIPTION
<b>Analog</b>		
MAX EX		Industry's first fully scalable tabletop conference phone, delivers unrivaled audio clarity and room coverage.
MAXAttach		Fully scalable conferencing with unmatched, full-duplex audio clarity. Two complete phone units can be scaled to as many as four, with unrivaled microphone and loudspeaker coverage in larger rooms.
MAXAttach +1/+2		MAXAttach with three or four phone units, each providing full dialing and call control.
MAX Wireless		The industry's first wireless analog conference phone, offers the audio quality of MAX EX without power or telephone cables.
MAXAttach Wireless		The industry's first dual-phone wireless tabletop conferencing system (scalable up to 2 phones), provides expanded wireless coverage for medium-sized conference rooms, delivering clear, full-duplex audio – all with no cables in the way.
<b>VoIP</b>		
MAX IP		The industry's first fully scalable SIP-based VoIP tabletop conference phone, delivers unrivaled audio clarity and room coverage for your VoIP phone system.
MAXAttach IP		The industry's first fully scalable SIP-based VoIP tabletop conference phone (up to four phone units), delivers unrivaled audio clarity and room coverage for your VoIP phone system.

**Speakerphones / Conference Phones**

MODEL	IMAGE	DESCRIPTION
<b>Premium Audio Conferencing</b>		
INTERACT AT		Complete and flexible room audio conferencing solution, for high-quality audio with desktops or laptops. Delivers professional audio with plug-and-play installation, including all the necessary audio equipment and peripherals.
INTERACT AT Skype		Skype-certified, the only room-conferencing solution with built-in audio conference bridging and interoperability for Video Collaboration, unified communications and teleconferencing.
INTERACT AT OC		Fully compatible with Skype for Business, the only room-conferencing solution with built-in audio conference bridging and interoperability for Video Collaboration, unified communications and teleconferencing.
<b>Accessories</b>		
INTERACT MIC		3-element microphone pod providing complete, 360-degree coverage. Daisy-chain up to 3 devices, connected to INTERACT through single, Cat5 cable.
INTERACT MIC EX		Direct interface to any professional microphone through 3 XLR connectors and built-in phantom power. Use up to 3 MIC EX devices with a single mixer.

# VISUAL COLLABORATION

Software-based visual collaboration solutions offer a winning combination of clear audio and quality video for any workspace—whether team members are on the road, at their desks, or in a meeting room of any size. When you choose ClearOne, cloud-based and on-premise video products and services combine rich functionality with affordability and flexible deployment options.



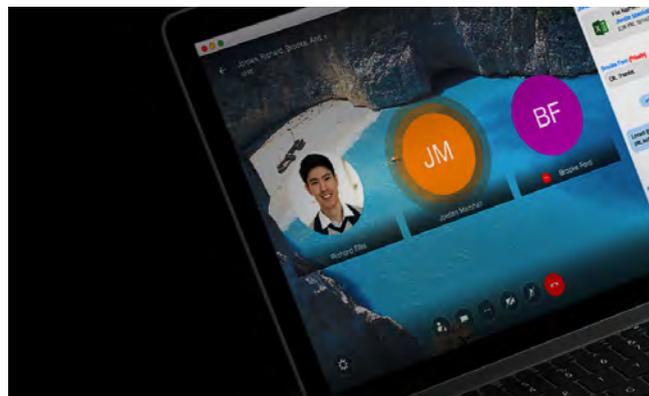
COLLABORATE® Live  
COLLABORATE Versa Pro  
UNITE®  
COLLABORATE Space

# VIDEO COLLABORATION



## **COLLABORATE Live**

Designed for workspaces of any size and with its built-in cloud connectivity, remote and room participants can join a collaboration session. Add a Skype for Business client to enrich the Skype room experience if desired.



## **COLLABORATE Space**

Connect hundreds of users in a persistent space unifying messaging, calling, and meetings for cloud collaboration.

Visual Collaboration Solutions

MODEL	IMAGE	DESCRIPTION
<b>Cloud-Based</b>		
<b>COLLABORATE Space Basic</b>		A cloud-based service with the power to unify hundreds of users within a persistent, user-friendly collaboration suite that energizes workflows with messaging, online meetings, and the ability to make calls to landlines and mobile phones. Offers integrated file sharing, searchable archives, user presence information, whiteboarding, annotation, chat, meeting minutes, and more. Includes 1 personal meeting room, all basic features, and phone dial-out.
<b>COLLABORATE Space Pro</b>		A cloud-based service with the power to unify hundreds of users within a persistent, user-friendly collaboration suite that energizes workflows with messaging, online meetings, and the ability to make calls to landlines and mobile phones. Offers all the power of basic, and includes virtual meeting room licenses with IM/presence, phone dial-out, and channels. Also includes a shared SIP/H.323 gateway license, 5gb of cloud storage, and access to channels. Free phone dial-out minutes are included. Managed using Admin portal.
<b>Enterprise</b>		
<b>COLLABORATE Space Enterprise</b>		Enterprise is the perfect solution for larger organizations that want full functionality, increased security and full control associated with on-premise platforms. It addresses the unique requirements of larger organizations.
<b>Room</b>		
<b>COLLABORATE Live 200</b>		A video collaboration system for huddle spaces and smaller room environments. Features a UNITE 50 camera, along with one CHAT 150C speakerphone. Also included is a free 90-day COLLABORATE Space subscription, a Skype for Business client, SIP/H.323 video conferencing, wireless presentation, and interactive whiteboard capabilities- all with an ultra-friendly user interface.
<b>COLLABORATE Live 300</b>		A complete small-room and executive office video collaboration solution. Features a free 90-day COLLABORATE Space web conferencing subscription, a Skype for Business client, SIP/H.323 video conferencing, wireless presentation and interactive whiteboard capabilities. Also includes a CHAT 150C speakerphone and one UNITE 150 camera— all with an ultra-friendly user interface.
<b>COLLABORATE Live 600</b>		A video collaboration system for medium-sized conference rooms. Features an ultra-friendly user interface, a Skype for Business client, SIP/H.323 video conferencing, wireless presentation, interactive whiteboard, recording and streaming. Also included is the UNITE 200 PTZ camera, a free 90-day COLLABORATE Space subscription, and the CHATAttach® 150 system – 2 CHAT 150 speakerphones that can daisy-chain together for crystal-clear audio.
<b>COLLABORATE Live 900</b>		A complete professional collaboration system for large meeting rooms. Features an ultra-friendly user interface, a free 90-day COLLABORATE Space subscription, a Skype for Business client, SIP/H.323 video conferencing, wireless presentation, interactive whiteboard, recording and streaming. Includes a CONVERGE® Pro 2 DSP mixer, ClearOne's Beamforming Microphone Array 2 that can easily mount under a display, and the UNITE® 200 PTZ camera.
<b>COLLABORATE Live 1000</b>		A complete professional video collaboration system for large meeting rooms, includes our new patented Beamforming Microphone Array Ceiling Tile. Also included is a CONVERGE® Pro 2 DSP mixer, the UNITE® 200 PTZ camera, and an ultra-friendly user interface. Free 90-day COLLABORATE Space subscription, Skype for Business client, SIP/H.323 video conferencing, wireless presentation, interactive whiteboard, recording, and streaming are also included.

# BYOD COLLABORATION



## **COLLABORATE Versa Pro**

Choose your own web-conferencing application and add professional-quality audio and video for mid-sized meeting rooms.



## **COLLABORATE Versa**

Bring plug-and-play connectivity and high-quality audio and video for any web-conferencing application to a group room.

**Visual Collaboration Solutions**

MODEL	IMAGE	DESCRIPTION
<b>Room</b>		
<p><b>COLLABORATE Versa Pro 50</b></p>		<p>A new BYOD-Web Conferencing system for huddles spaces and small conferencing rooms featuring a UNITE® 50 ultra-wide-angle camera and a free 90-day COLLABORATE Space subscription. The system also includes a CONVERGE® Huddle audio DSP mixer and a Ceiling Microphone Array with 360-degree coverage.</p>
<p><b>COLLABORATE Versa Pro 150</b></p>		<p>A new BYOD Web-Conferencing system for mid-sized conference rooms featuring a UNITE® 150 PTZ camera and a free 90-day COLLABORATE Space subscription. The system also includes a CONVERGE® Huddle audio DSP mixer and a Ceiling Microphone Array with 360-degree coverage.</p>
<p><b>COLLABORATE Versa 50</b></p>		<p>A new BYOD Web-Conferencing system for huddle spaces and small room environments that includes a UNITE® 50 ultra-wide-angle camera and a free 90-day COLLABORATE Space subscription. The system also includes a CHAT 150 Speakerphone and a Versa Hub for simple USB 3.0 connectivity.</p>
<p><b>COLLABORATE Versa 150</b></p>		<p>A new BYOD Web Conferencing system for mid-sized conference rooms featuring a UNITE® 150 PTZ camera and a free 90-day COLLABORATE Space subscription. The system also includes a CHAT 150 Speakerphone and a Versa Hub for simple USB 3.0 connectivity.</p>

# PROFESSIONAL CAMERAS



## **UNITE PTZ Cameras**

Support multiple applications with this versatile, professional-grade PTZ camera with USB, HDMI, and IP connections.



## **UNITE Camera**

Enjoy a wide-angle field-of-view for visual collaboration in huddle spaces at an affordable price.

**Visual Collaboration Solutions**

MODEL	IMAGE	DESCRIPTION
<b>Cameras</b>		
<p><b>UNITE 50 PTZ Camera</b></p>		<p>Featuring professional video quality and easy integration, UNITE 50 is optimized for bring-your-own-device (BYOD) collaboration and web-conferencing apps in huddle spaces and small-room conference environments. Plug-and-play ready with 120-degree field-of-view, 3x digital zoom and easy pairing with any microphone/speaker combination, the UNITE 50 camera enables an exceptional and economical collaboration experience.</p>
<p><b>UNITE 150 PTZ Camera</b></p>		<p>UNITE 150 is a professional-grade USB PTZ camera. UNITE cameras are perfect for multiple applications such as web conferencing, UC applications, video conferencing, distance learning and more...</p>
<p><b>UNITE 200 PTZ Camera</b></p>		<p>UNITE 200 is the most versatile and professional-grade PTZ camera in the industry with USB, HDMI, and IP connections.</p>



# AV NETWORKING

ClearOne IP-based streaming and distribution solutions provide high-quality and low-latency media streaming that is unmatched in scalability, ease of implementation, and lowest total cost of ownership. When combined with the powerful PANORAMA™ configuration software for video wall composition, ClearOne AV Networking solutions are “future proof,” and can be continuously upgraded as needed.

A black and white network management system (NMS) device with a circular logo on the front.

**NMS**

A video wall composed of multiple screens displaying a cityscape and an aerial view of a city.

**VIDEO WALLS**

A white and black sound reinforcement device with a circular logo on the front.

**SOUND  
REINFORCEMENT**

A white and black audio distribution device with a circular logo on the front.

**AUDIO  
DISTRIBUTION**

CONVERGE® Pro 2 SR

CONVERGE Pro SR

CONVERGE Matrix

CONVERGE PA

VIEW®

VIEW Lite

VIEW Pro

PANORAMA™

SABINE® FBX

CONNECT®

# NETWORK MEDIA STREAMING



## VIEW Pro

Experience the ultimate 4:4:4 color space, H.264/H.265 codec based, highest-quality, low bandwidth multimedia streaming solution on an existing IP network — unmatched in scalability and ease of deployment.



## VIEW Pro Licenses

Powerful new features can be added to VIEW Pro via fast and easy software license purchases to ensure that one-time hardware investments are "future proof," and can be continuously upgraded as needed.



## VIEW

VIEW® delivers high quality AV streaming and distribution over dedicated IP network based on Motion JPEG compression and patented StreamNet® distribution technology.



## VIEW Lite

VIEW Lite delivers the highest-quality, very low end-to-end latency AV streaming and distribution over a dedicated IP network based on JPEG2000 codec technology.

AV Networking

Multimedia Streaming

MODEL	IMAGE	DESCRIPTION
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VIEW Pro - AV Encoders & Decoders

<b>VIEW Pro E110 Encoder 4K</b>		Encoder with 4K resolution, H.265 & H.264 standards-based multimedia stream with virtually lossless compression, supports 4:4:4 and 4:2:0 color space and supports all standard computer resolutions up to 4K60. HDMI input and StreamNet®-compatible for auto-discovery, configuration, and control.
<b>VIEW Pro D110 Encoder 4K</b>		Decoder with 4K resolution, H.265 & H.264 standards-based multimedia stream with virtually lossless compression, supports 4:4:4 and 4:2:0 color space and supports all standard computer resolutions up to 4K60. HDMI output and StreamNet-compatible for auto-discovery, configuration, and control.
<b>VIEW Pro E120 Encoder</b>		Streams H.264-based multimedia with virtually lossless compression. Supports 4:4:4 and 4:2:0 color space and all standard computer resolutions up to 1920x1080@60 (1080p60). Dual HDMI inputs and StreamNet-compatible for auto-discovery, configuration, and control. Supports video composition.
<b>VIEW Pro E110 Encoder</b>		Streams same as E120; but with a single HDMI input. Streams H.264-based multimedia with virtually lossless compression. Supports 4:4:4 and 4:2:0 color space and all standard computer resolutions up to 1920x1080p60. StreamNet-compatible for auto-discovery, configuration, and control. Supports video composition.
<b>VIEW Pro D110 Decoder</b>		Streams H.264-based multimedia with virtually lossless compression. Supports 4:4:4 and 4:2:0 color space and all standard computer resolutions up to 1920x1080@60. Single HDMI output for full 1080p & HDCP for protected content. StreamNet-compatible for auto-discovery, configuration, and control. Supports video composition.
<b>VIEW Pro D210 Decoder</b>		Economical Decoder incorporates some of the same performance features as the larger VIEW Pro D110 Decoder including 1080p60, H.264 high-definition HDMI video-audio, and 4:4:4 true-color output. Differs from D110 Decoder with: balanced audio & analog audio outputs, IR & GPIO controls, clock-synchronized video output.
<b>VIEW Pro D310 Decoder</b>		Economical Decoder supports all types of AV sources to be distributed through existing Ethernet networks to single-image, full-screen video applications. Supports up to 1080p60, 4:2:0 color space applications. Does not support any advanced software licensing features like D110 and D210 Decoders.

VIEW Lite - AV Encoders & Decoders

<b>VIEW Lite EJ100</b>		VIEW Lite Encoder supports JPEG2000 codec standard, very low latency, high bandwidth, single HDMI AV input, resolution up to 4K30, 1080p60 resolution, 4:4:4/4:2:0 color space, with multi channel audio, loop-back HDMI output, IR, RS232, PoE, DC power.
<b>VIEW Lite DJ100</b>		VIEW Lite Decoder supports JPEG2000 codec standard, very low latency, high bandwidth, single HDMI AV output, resolution up to 4K30, 1080p60 resolution, 4:4:4/4:2:0 color space, with multi channel audio, IR, RS232, PoE, DC power.
<b>VIEW Lite CJ100</b>		VIEW Lite Controller to be used with VIEW Lite devices for control and configuration.

VIEW - AV Encoders & Decoders

<b>VIEW MLAV9500 Digital AV Encoder</b>		Encodes each digital source component, making it available to a virtually unlimited number of displays anywhere on the StreamNet network, without the need for additional control components.
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**AV Networking**

**Multimedia Streaming**

MODEL	IMAGE	DESCRIPTION
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**VIEW - AV Encoders & Decoders**

<b>VIEW VL9300 Digital AV Decoder</b>		IP-based, decodes full HD 1080p AV content at each display on the StreamNet network, eliminating the need for additional control components.
<b>VIEW MLAV9300 Analog AV Encoder</b>		IP-based audio & video Encoder for real-time encoding of both SD and HD video signals from legacy video sources into digital TCP/IP packets: composite, S-Video, component, VGA in, S/PDIF multi-channel & analog 2-channel audio inputs. Lowest latency across the StreamNet network, with one-way and two-way control and power management of the source.
<b>VIEW VL9100 Analog AV Decoder</b>		Decodes in real-time both SD and HD video and audio signals at each display on the StreamNet network, eliminating the need for additional control components. Each zone is synchronized within 500 microseconds to prevent echo.
<b>VIEW VL100 Analog AV Decoder</b>		IP-based audio/video decoder unobtrusively mounts adjacent to displays, providing real-time decoding of a TCP/IP uncompressed AV stream from a standard Gigabit TCP/IP network into an analog or S/PDIF audio signal and a component, composite, S-Video or VGA video signal for output to a display.
<b>VIEW MLA101 Audio Encoder</b>		The gateway for network audio, encodes and prepares audio for distribution across the StreamNet network, providing one-way and two-way control and power management of the source.

**VIEW Pro - Software**

<b>VIEW CONSOLE</b>		Configuration & management software for VIEW and VIEW Pro devices. Free download from our website for registered partners. Replaces current dealer setup software.
<b>PANORAMA</b>		Video-wall, video composition, video-windowing, video-layout creation, configuration, management software for VIEW Pro.
<b>VIEW Multimedia Receiver (VMR)</b>		Provides the user with a Microsoft Windows 7 (or more recent) PC software decoder to receive compressed multimedia or audio streams from StreamNet <sup>®</sup> encoder devices such as the MLAV9500, SpeakerLinX or ViewLinX device.
<b>VIEW Virtual Matrix (VVM)</b>		Complements StreamNet projects by adding a simple and single-screen control option through any connected Microsoft Windows 7/8 OS computers, and Android, iOS devices. Also gives complete project view of the connected StreamNet products.

**Network Bridge**

<b>CONNECT Dante</b>		Provides networked audio distribution capability for CONVERGE Pro and SR products. Is a flexible Internet Protocol (IP) and Ethernet based audio network technology.
<b>CONNECT CobraNet</b>		Provides networked audio for CONVERGE Pro devices, using CobraNet standards, without changing main mixer hardware, and the ability to scale up with new standards.

AV Networking		
Multimedia Streaming		
MODEL	IMAGE	DESCRIPTION
<b>VIEW - Audio Decoders &amp; Amplifiers</b>		
<b>VIEW SLX300</b>		Powerful digital amplifier and zone controller, featuring two channels at 100 watts in a small form factor. Easily connected to a StreamNet-enabled network, the built-in web server and browser-based interface provide simple control from any Flash-enabled device.
<b>VIEW SL251</b>		IP-based controller/amplifier designed to mount on or adjacent to a loudspeaker. Includes 2 built-in 50-watt amplifiers and flash-enabled web server to provide complete control from any computing or display device that hosts a web browser.
<b>VIEW SL9250</b>		IP-controlled 2x50 watt class-D amplifier/web server for complete control from any web-enabled device. The SL9250 supports virtually unlimited zones, system-wide synchronization and digitally perfect audio distribution with a built-in 4-band graphic equalizer and 12 DSP presets.
<b>VIEW SL254</b>		IP-based controller/amplifier designed to mount on or adjacent to a loudspeaker. Includes 4 built-in 25-watt amplifiers, 4-band graphic equalizer with 12 DSP presets and crossover for IP-ready speakers.
<b>VIEW AMP2200</b>		Professional amplifier with an EIM interface for direct connection to an SL audio decoder. Provides 200 watts per channel or 600 watts bridged for use with ClearOne products or with third-party systems.
<b>Source and Control Interfaces</b>		
<b>VIEW TL700</b>		IP-based, in-wall, LCD touch screen, featuring a 7-inch, high-resolution, TFT color display for audio file meta-data and transport controls for each AV source.
<b>VIEW TL430</b>		IP-based, in-wall, LCD touch screen, featuring a 4.3-inch, high-resolution, TFT color display for audio file meta-data and transport controls for each AV source.
<b>iPod® Dock IPD100</b>		Interface for Apple® iPod media players with DigiLinX system through SpeakerLinX local input port to become an integral part of a multi-room audio system.
<b>BluePort® BP200</b>		Simple-to-use digital wireless audio gateway, to transmit digital audio up to 33 feet from a source with Bluetooth A2dP support to a DigiLinX, VIEW™, or NaimNet multi-room system.
<b>VIEW - Software</b>		
<b>VIEW CONSOLE</b>		Configuration & management software for VIEW and VIEW Pro devices. Free download from our website for registered partners. Replaces current dealer setup software.
<b>VIEW Multimedia Receiver (VMR)</b>		Provides the user with a Microsoft Windows 7 PC software decoder to receive compressed multimedia or audio streams from StreamNet® encoder devices such as the MLAV9500, SpeakerLinX or ViewLinX device.
<b>VIEW Virtual Matrix (VVM)</b>		Complements StreamNet projects by adding a simple and single-screen control option through any connected Microsoft Windows 7/8 OS computers, and Android, iOS devices. Also gives complete project view of the connected StreamNet products.

AV Networking		
Multimedia Streaming		
MODEL	IMAGE	DESCRIPTION
<b>Power &amp; Accessories</b>		
VIEW PL140		40-watt power supply designed to locally power individual devices.
VIEW PL250		100-Watt plug-in power supply designed to power one SL251 and one TouchLinX touch screen, as the perfect solution for retrofit installations.
VIEW PL960		Intelligent power supply featuring 8 discrete power-output channels for multiple VIEW devices. Designed to distribute up to 21 amps @ 28 VDC of power for installations incorporating the SL251, supporting multiple SpeakerLinX products.

# SOUND REINFORCEMENT



## **CONVERGE Pro 2 SR**

Sound Reinforcement DSP mixers providing superior audio with unmatched flexibility and a Dante option for interoperability with any Dante-based devices.



## **CONVERGE Pro SR**

Sound-Reinforcement DSP mixers with enhanced management features, simplified configuration, and industry-leading expandability for virtually any venue or application.



## **SABINE FBX**

The single- and dual-channel feedback exterminators feature lightning-fast automatic feedback control with fast and quiet setup, increased headroom, and a reduced noise floor.

Audio Distribution Solutions		
MODEL	IMAGE	DESCRIPTION
<b>Sound Reinforcement</b>		
<b>CONVERGE Pro 2 128SR</b>		12 mic/line-inputs and 8-line outputs for superior audio with unmatched flexibility in sound reinforcement applications.
<b>CONVERGE Pro 2 128SRD</b>		12 mic/line inputs and 8-line outputs with 16x16 Dante digital audio distribution, increasing the scalability and interoperability with any Dante-based devices.
<b>CONVERGE Pro SR1212</b>		12x12, automatic digital matrix mixer with unrivaled audio processing performance, simplified configuration software for conferencing, and sound-reinforcement applications.
<b>CONVERGE Pro SR1212A</b>		12x12, automatic digital matrix mixer with unrivaled audio processing performance, simplified configuration, and four built-in power amplifiers.
<b>Amplifier</b>		
<b>CONVERGE PA 460</b>		4 Ch x 60 Watt Class-D audio power amplifier, with 4 ohm/8 ohm mode. Bridged I/O supported for 70/100V mode and 120 Watt output. Half-rack-size unit.
<b>Feedback Elimination</b>		
<b>SABINE FBX 1210/1210i</b>		Single-channel feedback exterminator, lightning-fast automatic feedback control, with fast and quiet setup, increased headroom, and a reduced noise floor. Accurately distinguishes music from feedback, filter with 1Hz resolution, and provides more gain before feedback. With 24-bit digital resolution, three-color LED filter display, and 12 filter per channel. International model "i" is for nations outside of North America.
<b>SABINE FBX 2410/2410i</b>		Dual-channel feedback exterminator, lightning-fast automatic feedback control, with fast and quiet setup, increased headroom, and a reduced noise floor. Accurately distinguishes music from feedback, filters with 1Hz resolution, and provides more gain before feedback. With 24-bit digital resolution, three-color LED filter display, and 12 filters per channel. International model "i" is for nations outside of North America.

# AUDIO DISTRIBUTION



## CONVERGE Matrix

A highly scalable DSP mixer for Dante audio distribution applications.



## CONVERGE Pro 2 SRD

An ideal platform for sound reinforcement and networked audio distribution.



## SABINE FBX

The single- and dual-channel feedback exterminators feature lightning-fast automatic feedback control with fast and quiet setup, increased headroom, and a reduced noise floor.

**Audio Distribution Solutions**

MODEL	IMAGE	DESCRIPTION
<b>Feedback Elimination</b>		
SABINE FBX 1210/1210i		Single-channel feedback exterminator, lightning-fast automatic feedback control, with fast and quiet setup, increased headroom and a reduced noise floor. Accurately distinguishes music from feedback, filter with 1Hz resolution, and provides more gain before feedback. With 24-bit digital resolution, three-color LED filter display, and 12 filter per channel. International model "i" is for nations outside of North America.
SABINE FBX 2410/2410i		Dual-channel feedback exterminator, lightning-fast automatic feedback control, with fast and quiet setup, increased headroom and a reduced noise floor. Accurately distinguishes music from feedback, filters with 1Hz resolution, and provides more gain before feedback. With 24-bit digital resolution, three-color LED filter display, and 12 filters per channel. International model "i" is for nations outside of North America.
<b>Audio Distribution</b>		
CONVERGE Matrix 512		CONVERGE Matrix unit with 512 x 512 Dante audio channels support for audio mixing, routing, and distribution.
CONVERGE Matrix 256 EX		CONVERGE Matrix unit with 256 x 256 Dante audio channels support for audio mixing, routing, and distribution.
CONVERGE Matrix 128 EX		CONVERGE Matrix unit with 128 x 128 Dante audio channels support for audio mixing, routing, and distribution.
CONVERGE Matrix 64 EX		CONVERGE Matrix unit with 64 x 64 Dante audio channels support for audio mixing, routing, and distribution.
CONVERGE Matrix 256 Expansion Card		Expansion card with 256 x 256 Dante audio channels to be used in CONVERGE Matrix 256 x 256 main unit to make the system support 512 x 512 channels.
CONVERGE Matrix 128 Expansion Card		Expansion card with 128 x 128 Dante audio channels to be used in CONVERGE Matrix 128 x 128 main unit to make the system support 256 x 256 channels.
CONVERGE Matrix 64 Expansion Card		Expansion card with 64 x 64 Dante audio channels to be used in CONVERGE Matrix 64 x 64 main unit to make the system support 128 x 128 channels.







# ABOUT CLEARONE



ClearOne is a global company that designs, develops and sells conferencing, collaboration, and network streaming & signage solutions for voice and visual communications. The performance and simplicity of its advanced, comprehensive solutions offer unprecedented levels of functionality, reliability and scalability.

Our products are used by organizations ranging from Fortune 500 to medium and small businesses. These companies include a wide range of markets, such as: enterprise, healthcare, education and distance learning, government, legal, and finance.

Our solutions save organizations time and money by creating a natural environment for collaboration and communication.

Great ideas need to be heard

*and seen*

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