ClearOne®

COLLABORATE® Versa 100

COLLABORATE® Versa 100 brings applications such as Cisco Jabber® and WebEx®, Citrix® GoToMeeting, ClearOne Spontania, Google Hangouts, Microsoft® Lync®, and Skype™ to a group room environment with professional-quality audio and video optimized for conference rooms.

COLLABORATE Versa 100 also comes with a free Spontania subscription that delivers unified collaboration experience by blending videoconferencing, web conferencing and unified communication tools together.

Enterprise-Grade Video

ClearOne UNITE® USB PTZ camera guarantees superior video quality for more natural video collaborations.

+ Full HD video quality with 1080p 60fps
+ 12x optical zoom for close-up views of objects and whiteboard details with absolute clarity
+ 73° wide-angle view to capture all participants in the room
+ Remote control for camera zoom, pan, and tilt functions

1080p
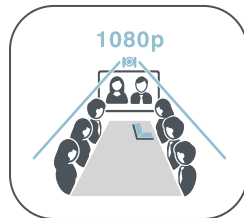
Professional-Quality Audio

ClearOne CHAT® 150 Speakerphone, with its market-leading HDConference™ audio procesing, is designed for group collaboration.

+ Three built-in microphones create array with 360° audio pickup
+ Proprietary echo and noise cancellation with full-duplex performance
+ Adaptive modeling for any room acoustics and configurations
+ Daisy-chain option for attaching 2nd speakerphone

Compatibility with multiple applications

COLLABORATE Versa is designed to work with multiple applications running on your laptop.

+ Professional quality video and audio while using your familiar application in conference rooms
+ Compatible applications include Cisco Jabber® and WebEx®, Citrix® GoToMeeting, ClearOne Spontania, Google Hangouts, Microsoft® Lync®, and Skype™
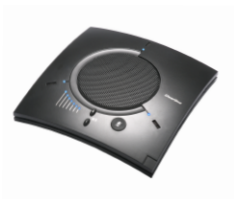
spontania

Spontania cloud video collaboration

COLLABORATE Versa also includes free subscription of Spontania for true, unified collaboration experience.

+ Videoconference meeting with up to 25 participants joining from PC, mobile devices
+ Real-time collaboration with screen sharing, whiteboarding, annotation, remote PC control, file transfer, recording, chat, etc.
+ Multi-source capture with up to 4 video input sources
+ Multi-screen solution with each site on individual screen

Key Highlights

• **Affordable and feature-rich with enterprise-grade quality**
• **Plug-and-play simplicity using standard USB connections**
• **Ideal for huddle rooms to small and medium conference rooms**
• **Award-winning Spontania video collaboration subscription for free**
• **Two-year warranty with support and maintenance included**

ClearOne®

Spontania

Product Specifications

System Includes:

- CHAT 150 speakerphone
- UNITE 100 PTZ camera
- Remote control
- Spontania Collaboration Meeting Room (one year subscription)
- Power supply and cables
- Two-year warranty with support and maintenance

UNITE 100 PTZ Camera

- 12x Optical Zoom, f=3.9~47mm
- 73° wide-angle view
- Auto-focus
- USB 3.0 and DVI-I output
- Full HD 1080p 60fps
- 1/2.8 inch high-quality HD CMOS sensor
- Control: Remote control, USB (UVC), RS-232
- Pan/Tilt Angles: ±170°, Tilt: -30° to +90°
- Pan/Tilt Speeds: Pan 0.5°/sec to 120°/sec, Tilt 0.5°/sec to 80°/sec
- S/N Ratio: >50 dB

CHAT 150 USB Speakerphone

- ClearOne HDConference™ audio processing
- Three-built-in-microphone array with 360° pickup
- Large loudspeaker with Max Output Level: 85 dB SPL @ 1 meter
- Wideband audio frequency response (20Hz-20kHz)

Compatible Applications

- Cisco WebEX
- Citrix GotoMeeting
- ClearOne Spontania
- Google Hangouts
- Microsoft Lync (Skype for Business)
- Skype
- And more…

Environments:

- Huddle Room
- Small and mid-size conference room
- Expandable to support large conference rooms

System Requirements:

- Windows 7 or higher
- Mac OS X 10.7 or higher

Shipping Package:

- Dimension: 21 x 14.5 x 12 (inches)
- Weight: 11 lbs

Part Number

- 930-3001-100

Warranty:

- Two-year warranty with support and maintenance included

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COLLABORATE® Pro 300 brings traditional SIP/H.323 videoconferencing and Spontania cloud video collaboration into a single appliance to connect up to 25 locations into a single meeting with users joining from anywhere, using any device–pc, mobile, room endpoints or telephone.

Single-site collaboration is made easy with COLLABORATE Pro 300's ability to stream content, video, whiteboard, and annotations from your PC or mobile devices onto displays wirelessly.

Traditional and Cloud Video Collaboration

Multi-site collaboration with both traditional SIP/H.323 videoconferencing and cloud video collaboration in a single appliance
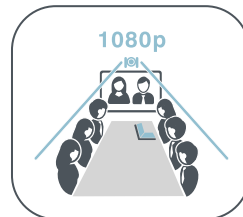
+ Full HD 1080p SIP/H.323 videoconferencing with data sharing at 1080p quality through wireless or USB

+ Spontania video collaboration meeting with up to 25 participants joining from PC, mobile devices, and room endpoints

+ Real-time collaboration with screen sharing, whiteboarding, annotation, file transfer, recording etc.

Wireless Presentation & Collaboration

Single-site collaboration with ability to stream content, video, whiteboard, and annotations from your PC or mobile devices onto displays wirelessly.

+ Wireless presentations from a laptop or mobile device at 1080p resolution

+ Up to 4 presenters sharing content at the same time

+ Video streaming from a laptop or mobile device to meeting room displays with audio coming through the room's sound system

+ Interactive whiteboard and annotation on shared contents

   Available soon

Enterprise-Grade Video

ClearOne UNITE® USB PTZ camera guarantees superior video quality for more natural video collaborations.

+ Full HD video quality with 1080p 60fps

+ 12x Optical zoom for close-up views of objects and whiteboard details with absolute clarity

+ 73° wide-angle view to capture all participants in the room

+ Remote control for camera zoom, pan, and tilt functions

1080p

Professional quality audio

ClearOne COLLABORATE speakerphone, with its market-leading HDConference™ audio processing, is designed for group collaboration.

+ Three built-in microphones create array with 360° audio pickup

+ Proprietary echo and noise cancellation with full-duplex performanc

+ Adaptive modeling for any room acoustics and configurations

+ Flexibility to switch between built-in speaker and external speaker

Key Highlights

• **Brings the benefit of both traditional videoconferencing and cloud video collaboration**

• **Economical and multi-purpose design ensures highest return on investment**

• **Perfect for both single-site and multi-site interactive collaboration**

• **Ideal for all sizes of spaces, from huddle rooms to small and medium conference rooms**

• **Two-year warranty with support and maintenance included**

ClearOne®

Product Specifications

System Includes:

- COLLABORATE Pro 300 codec
- UNITE 100 PTZ camera
- COLLABORATE speakerphone
- Remote control
- Spontania Collaboration Meeting Room (one year subscription)
- Power supplies, cables and accessories
- Two-year warranty with support and maintenance

COLLABORATE Pro 300 Codec Appliance

- Video inputs: 1x USB 3.0
- Video outputs: 1x HDMI, 1x Display port
- Audio inputs: USB (Digital audio)
- Audio outputs: USB, S/PDIF

UNITE 100 PTZ Camera

- 12x Optical Zoom, f=3.9~47mm
- 73° wide-angle view
- USB 3.0 and DVI-l output
- Full HD 1080p 60fps
- Control: Remote control, USB (UVC), RS-232
- Pan/Tilt Angles: ±170°, Tilt: -30° to +90°

COLLABORATE USB Speakerphone

- ClearOne HDConference™ audio processing
- Three built-in microphone array with 360° pickup
- Large loudspeaker with Max Output Level: 85 dB SPL @ 1 meter
- Wideband audio frequency response (20Hz-20kHz)

Video Characteristics

- Resolution up to 1080p @ 60 fps (Rx)
- H.261, H.263, H.263+/++
- H.264/AVC High Profile – up to 6Mbps

Audio Standards

- 20KHz: AAC-LD
- 14KHz: G.722.1 Annex C
- 7KHz: G.722, G.722.1
- 3.4KHz: G.711, G.723.1, G.728. G.729. AMR (3G)

Data Characteristics

- H.239 support for data sharing
- Resolution up to 1080p
- Data inputs via wireless, datapoint (HDMI-to-USB adapter)

Control

- Remote control
- Web-based management and control
- Telnet API for 3rd-party control
- AMX and Crestron modules

Directory Services

- 1000+ local number directory
- 10,000+ global number directory
- H.350 support (thru COLLABORATE Central)
- LDAP online directory support,
- OpenLDAP
- Active Search and Filter queries

Environments:

- Huddle Room
- Small and mid-size conference room

Shipping Package:

- Dimension: 21 x 14.5 x 12 (inches)
- Weight: 13 lbs

Part Number

- 930-3001-300

Warranty:
Two-year warranty with support and maintenance included

Fulfill every conference room media requirement with the industry's only solution to directly connect ClearOne's Beamforming Microphone Array for unbeatable audio. This fully integrated media appliance delivers best-in-class, full 1080p60 standards-compliant video conferencing, integrated audio conferencing, and can be used to record, create, and stream content to large audiences - even when not in a call. Deliver impacting "in-room" presentations with no additional equipment, and ensure everyone in the room can be clearly heard.

Features

- Expands conference room use beyond "regular meetings"

- Turn any meeting room into a broadcast studio with integrated multicast and unicast streaming, in or out of a call

- Create content with our integrated recording server – no need for expensive recording and archiving infrastructure

- Deliver in-room or video presentations using a USB stick or other sources like laptops or mobile devices

- Fully integrates with your infrastructure, or the cloud

- Embedded multipoint bridge to connect up to 9 sites

- Capture video from two cameras or sources and transmit simultaneously

- Multi-standard support – H.323 and SIP

- Content with live data sharing (H.239) up to 1080p30

- H.264 high-profile for better resolution at lower bandwidth

- End to end digital audio integration

- Beamforming Microphone Array replaces up to ten traditional microphones, with twice the pickup range

or

Note - Photos are not to scale

Video Conferencing	Audio Conferencing	Recording Server	Presentation System	Streaming Server	9-way Integrated MCU

COLLABORATE Room Pro 500 systems

- > 510 includes tabletop COLLABORATE Microphone Array
- > 520 includes Beamforming Microphone Array and CONVERGE USB adapter

Both sytems include:

- Pro 500 codec with digital audio connectivity (USB)
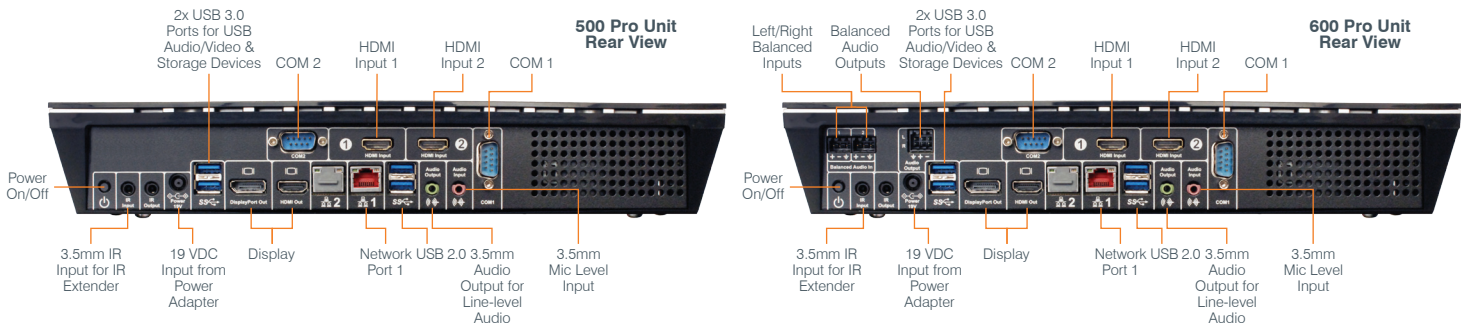- PTZ camera with 12x optical zoom
- Remote control

COLLABORATE Room Pro 600 systems

- > 610 includes tabletop COLLABORATE Microphone Array
- > 620 includes Beamforming Microphone Array and CONVERGE USB adapter

Both sytems include:

- Pro 600 codec with digital audio connectivity (USB)
- PTZ camera with 12x optical zoom
- Remote control
- Balanced audio connectivity

> COMPONENTS/BACK PANEL

500 Pro Unit Rear View

- 2x USB 3.0 Ports for USB Audio/Video & Storage Devices
- COM 2
- HDMI Input 1
- HDMI Input 2
- COM 1
- Power On/Off
- 3.5mm IR Input for IR Extender
- 19 VDC Input from Power Adapter
- Display
- Network Port 1
- USB 2.0
- 3.5mm Audio Output for Line-level Audio
- 3.5mm Mic Level Input

600 Pro Unit Rear View

- Left/Right Balanced Inputs
- Balanced Audio Outputs
- 2x USB 3.0 Ports for USB Audio/Video & Storage Devices
- COM 2
- HDMI Input 1
- HDMI Input 2
- COM 1
- Power On/Off
- 3.5mm IR Input for IR Extender
- 19 VDC Input from Power Adapter
- Display
- Network Port 1
- USB 2.0
- 3.5mm Audio Output for Line-level Audio
- 3.5mm Mic Level Input

Functional Specifications

VIDEO CHARACTERISTICS

VIDEO SPECIFICATIONS
Transmission speed (H.323/SIP): 64Kbps – 6MBps

VIDEO STANDARDS
H.261, H.263, H.263+/++,
H.264/AVC High Profile - UP TO 6Mbps

LIVE VIDEO RESOLUTION
1080p (1920 x 1080 pixels), 720p (1280 x 720 pixels)
672 x 384, 4CIF (704 x 576 pixels), 4SIF (704 x 480 pixels)
VGA (640 x 480 Pixels), CIF (352 x 288 Pixels)
SIF (352 x 240 Pixels), QVGA (320 x 240 Pixels)

RECEIVING RESOLUTION
Up to 1080p60

VIDEO TRANSMIT FRAME RATE
Up to 60 fps at 720p, Up to 30 fps at 1080p
Up to 60 fps at 1080p

VIDEO INPUTS
2X HDMI, 1X USB

VIDEO OUTPUTS
HDMI, Display Port

VIDEO FEATURES
MCU 1+8 Video Switch/Continuations Presence
Recording- on internal or external (USB) storage
Streaming- Unicast and Multicasting
Data Recording/Streaming/Multicasting

CAMERA SPECIFICATIONS
1080p60/1080p30/720p60 PTZ Camera
12x optical zoom
70-degree field of view
Auto focus/automatic gain control

AUDIO CHARACTERISTICS

AUDIO INPUTS/OUTPUTS
Unbalanced Audio, USB,
Balanced Audio (Pro 600 model)

AUDIO FEATURES
Automatic Noise suppression (ANS)
Automatic gain control (AGC)
Voice Activity Detection (VAD)

AUDIO STANDARDS
20KHz AAC-LD
14KHz: G.722.1 Annex C
7KHz: G.722, G.722.1
3.4KHz: G.711, G.723.1, G.728. G.729. AMR (3G)

DATA CHARACTERISTICS

DATA SPECIFICATIONS
Data Sharing methods
Laptop plug in
USB Storage key
Documents: PPT, PPTX, PPS, PPSX, DOC, DOCX,
XLS, XLSX, Video clips (AVI, MPEG, WMV, etc)
Graphic files (BMP, GIF, TIF etc)
H.239 support, Sending & receiving capability
2 live video sources or 1 live source and Data source

RESOLUTIONS SUPPORTED
1080p, 720p, XGA, SVGA, 4CIF, VGA, CIF

NETWORK CHARACTERISTICS

STANDARD SUPPORTED
ITU-T: H.323 v4.2,
SIP RFC3261

NETWORK OPTIMIZATION
NAT IP address mask, Port pinholing
Adaptive Bandwidth Adjustment,
Packet loss recovery (FEC), Packet ordering,
Packet duplication control, jitter correction
Lip sync correction, Overhead prediction
Max packet size adjustment

DIALING MODES
Manual, Speed dial, Personal address book,
Online directory, Multicast viewer,
Through API

SECURITY & ENCRYPTION
Encryption using H.235 (AES - 128)
Supports ClearOne NetPoint (Firewall Traversal)
Network address translation (NAT)
Supports restricted access to users via admin
H.460 Support

CONTROL
International remote control
Embedded web-based management
Telnet API for AMX/crestron
Far End Camera Control

DIRECTORY SERVICES
1000+ local number directory
10,000+ global number directory
H.350 support (thru COLLABORATE Central)
LDAP online directory support,
OpenLDAP
Active Search and Filter queries

PHYSICAL CHARACTERISTICS

DIMENSIONS (L x W x H)
210mm x 340mm x 54mm

WEIGHT
3.1Kg

ENVIRONMENTAL CHARACTERISTICS

TEMPERATURE
0°C-40°C

STORAGE TEMPERATURE
20°C-80°C

HUMIDITY
15 - 80% humidity

POWER SUPPLY
19VDC, 120W (40W typical)

INPUT VOLTAGE
120VAC - 230VAC

OPERATING FREQUENCY
50Hz - 60Hz

LANGUAGE SUPPORT
English, French, German, Italian, Chinese (Simplified, Traditional), Korean, Russian and Japanese

MODELS

ROOM PRO 500 SERIES
Room Pro 500 (base unit)
Room Pro 510 (base unit, camera and COLLABORATE Microphone Array)
Room Pro 520 (base unit, camera and Beamforming Microphone Array)

ROOM PRO 600 SERIES
Room Pro 600 (base unit)
Room Pro 610 (base unit, camera and COLLABORATE Microphone Array)
Room Pro 620 (base unit, camera and Beamforming Microphone Array)

ADDITIONAL SOFTWARE LICENSE AND CODEC OPTIONS
910-401-801 Multipoint 4-way License
910-401-802 Multipoint 6-way License
910-401-803 Multipoint 8-way License

RACK MOUNT KIT
910-401-913 Rack Mount Kit for COLLABORATE Room Pro series

Clearone Contacts

COLLABORATE Pro 900 offers a complete Media Collaboration solution to meet today's diverse organizational demands for conferencing, collaboration, and communication.

Its versatile design makes it ideal for multiple applications including videoconferencing, professional audio conferencing, wireless presentations and collaborations, training and corporate announcements etc.

COLLABORATE Pro 900 is perfect for both single-site collaboration and multi-site collaboration with up to 25 locations where users can join from anywhere, using any device – pc, mobile, room endpoints, or telephone.

Key Highlights

+ Brings traditional SIP/H.323 videoconferencing and cloud video collaboration into a single appliance for multi-site collaboration with up to 25 sites

+ Award-winning Beamforming Microphone Array and market-leading CONVERGE® Pro mixer for best-in-class professional audio

+ Perfect for both single-site and multi-site interactive collaboration

+ Multi-purpose solution makes it perfect for multiple applications and environments from conference rooms to training centers.

+ Multi-source collaboration with simultaneous capture of up to 4 video input sources

+ Single point of support and maintenance for your complete collaboration and conferencing needs

+ Two-year warranty with support and maintenance included

Applications

- Videoconferencing
- Audio conferencing
- Wireless presentation and collaboration
- Training
- Corporate announcements

Environments

- Medium and large conference rooms
- Boardrooms
- Overflow rooms
- Training centers
- Classrooms

Traditional and Cloud Video Collaboration

Multi-site collaboration with both traditional SIP/H.323
videoconferencing and cloud video collaboration in a single appliance.

+ Full HD 1080p SIP/H.323 videoconferencing with data sharing
  at 1080p quality through wireless or HDMI

+ Spontania video collaboration meeting with up to 25
  participants joining from PC, mobile devices and room endpoints

+ Real-time collaboration with screen sharing, whiteboarding,
  annotation, file transfer, recording, etc.

+ Multi-source capture with up to 4 video input sources

Wireless Presentation & Collaboration

Single-site collaboration with ability to stream content, video, whiteboard,
and annotations wirelessly from your PC or mobile devices onto displays.

+ Wireless presentations from a laptop or mobile device at 1080p resolution

+ Up to 4 presenters sharing content at the same time

+ Video streaming from a laptop or mobile device to meeting
  room displays with audio coming through the room's sound system

+ Interactive whiteboard to draw and illustrate thoughts using drawing
  tools on your own device or on touch display in the meeting room

+ Annotation on shared content or whiteboard using your own
  device or using touch display in the meeting room
  * Available soon

Capture and recording station

COLLABORATE Pro 900 can function as high-definition capture
studio to capture and record voice, video, and data for future
on-demand access.

+ Record presentations, meetings, conferences, lectures, trainings,
  and more

+ Capture both presenter and presentation during a lecture and training

+ Capture both local and remote participants and shared content during
  conference or meetings

+ Support for both local storage and external storage

Streaming and Distribution

COLLABORATE Pro 900 can also function as a media-streaming
appliance to capture and stream voice, video, and data to large
audiences loctated in the same or different networks.

+ Live streaming of presentations, meetings,
  conferences, lectures, trainings, and corporate
  announcements to large audiences

+ Participants attend the conferences and trainings
  passively from remote locations or from overflow rooms

+ Bandwidth-efficient and network-friendly solution
  with support for both unicast and multicast streaming
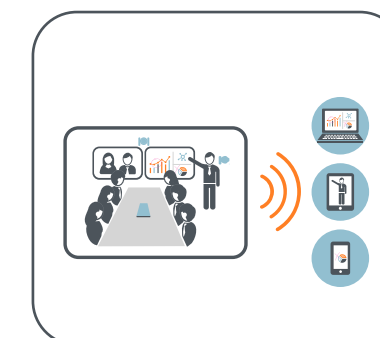
Professional Audio Conferencing

COLLABORATE Pro 900 includes the market-leading ClearOne
CONVERGE® Pro 840T audio mixer and Beamforming Microphone
Array and guarantees unmatched sound and the most natural
audio conferencing experience.

+ Beamforming Mic array with built-in 24 mic elements ensures
  twice the pickup range and replaces 10 traditional microphones

+ Beamforming technology with adaptive acoustic processing
  and adaptive steering pickup pattern for the best audio experience

+ CONVERGE Pro 840T mixer with HDConference audio
  processing and built-in telephone interface
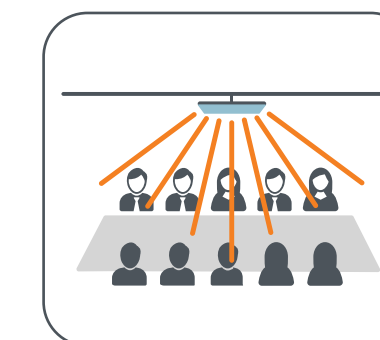
Enterprise-Grade Video

ClearOne UNITE® USB PTZ camera guarantees superior video quality
for more natural video collaborations.

+ Full HD video quality with 1080p 60fps

+ 12x optical zoom for close-up views of objects and whiteboard
  details with absolute clarity

+ 73° wide-angle view to capture all participants in the room

+ Presets to point to different room locations and objects

+ Remote control for camera zoom, pan, and tilt functions

ClearOne®
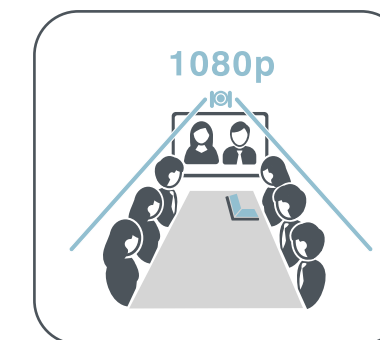
Spontania

Product Specifications

System Includes:

- COLLABORATE Room Pro 600 codec
- UNITE 100 PTZ camera
- CONVERGE Pro 840T mixer
- Beamforming Mic Array with POE kit
- CONVERGE USB
- Remote control
- Spontania Cloud Meeting Room subscription (one year)
- Power supplies, cables and accessories
- 4-way SIP/H.323 MCU license
- Wireless presentation & collaboration (1-user license)
- Two-year warranty with support and maintenance

COLLABORATE Codec Appliance

- Video inputs: 2x HDMI, 2x USB 3.0
- Video outputs: 1x HDMI, 1x Display port
- Audio inputs: CONVERGE Pro via USB
- Audio outputs: CONVERGE Pro via USB

UNITE 100 USB PTZ Camera

- 12x Optical Zoom, f=3.9~47mm
- 73° wide-angle view
- USB 3.0 and DVI-I output
- Full HD 1080p 60fps
- Control: Remote control, USB (UVC), RS-232
- Pan/Tilt Angles: ±170°, Tilt: -30° to +90°

Professional Audio

- CONVERGE Pro 840T Audio Mixer
- ClearOne Beamforming Mic Array

Video Characteristics

- Resolution up to 1080p @ 60 fps
- H.261, H.263, H.263+/++
- H.264/AVC High Profile – up to 6Mbps

Audio Standards

- 20KHz: AAC-LD
- 14KHz: G.722.1 Annex C
- 7KHz: G.722, G.722.1
- 3.4KHz: G.711, G.723.1, G.728. G.729. AMR (3G)

Data Characteristics

- H.239 support for data sharing
- Resolution up to 1080p
- Data inputs via HDMI, Wireless, USB

Recording

- Formats: MP4, WMV
- Storage options: Local, External, Network (NAS)

Streaming

- Format: RTSP - Unicast and Multicast
- Max number of viewers (unicast): 20
- Max number of viewers (multicast): Depends on network
  Note: Streaming is not supported in Spontania session

Control

- Remote control
- Web-based management and control
- Telnet API for 3rd party control
- AMX and Crestron modules

Directory Services

- 1000+ local number directory
- 10,000+ global number directory
- H.350 support (thru COLLABORATE Central)
- LDAP online directory support
- OpenLDAP
- Active Search and Filter queries

Shipping Package Specifications

- Dimension: 33 x 27 x 18 (inches)
- Weight: 48 lbs

Part Number

- 930-3001-900 (with white Beamforming Mic Array)
- 930-3001-900-B (with black Beamforming Mic Array)

Warranty:

- Two-year warranty with support and maintenance included

The Beamforming Microphone Array is the Pro-Audio industry's first professional-grade microphone array with beamforming and adaptive steering technology and ClearOne's next-generation Acoustic Echo Cancellation. The ultra-sleek design fits into any conferencing environment and delivers the clearest audio pickup available with adaptive acoustic processing.

Applications

Board Room

Conference Room

Training Center

Courtroom

House of Worship

Telepresence

## Features

+ Beamforming & adaptive steering technology

+ Next-generation Acoustic Echo Cancellation

+ 24 microphone elements

+ Mono and stereo modes for diverse applications

+ Flexible mounting for ceiling, wall and tabletop

+ Works with CONVERGE® Pro products: 880, 840T, 880T, 880TA

+ Expandable for larger room applications by daisy-chaining up to three arrays per CONVERGE® Pro unit

+ Adaptive acoustic processing automatically adjusts to room configuration for best possible audio pickup

+ Replaces up to 10 traditional microphones, with twice the pickup range

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BEAMFORMING MICROPHONE ARRAY CONNECTIONS

Expansion Link In · Expansion Link Out

USB · PoE Port
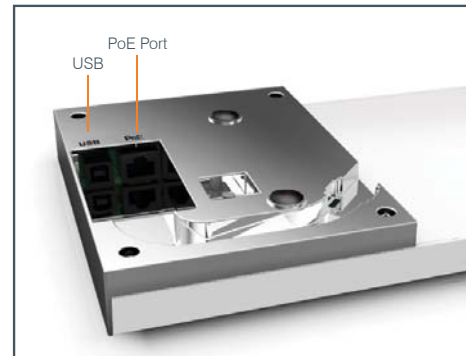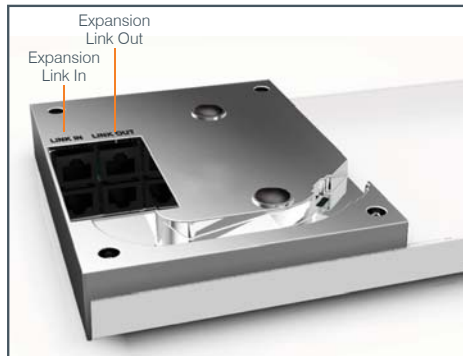
Functional Specifications

AUDIO

ACOUSTIC CHARACTERISTICS:
24 microphones
Auto voice tracking
Polar Pattern: Custom
Frequency Response: 150Hz - 16kHz
Signal to Noise Ratio: >70 dB
AEC Tail time: 128 ms
Noise Cancellation: 6 - 15 dB adjustable

AUTO MIXER PARAMETERS:
Number of Open Microphones (NOM)
First mic priority mode
Last mic mode
Maximum number of mics mode
Ambient level
Gate threshold adjust
Off attenuation adjust
Hold time
Decay rate

MATRIX MIXING PARAMETERS:
1 Channel In
18 Expansion Bus In/Out

BEAMFORMING MIC ARRAY CONFIGURATION:
Echo cancellation on/off
Noise cancellation on/off
Filters:
  All Pass
  Low Pass
  High Pass
  Notch
  PEQ
ALC on/off
Gain adjust
Mute on/off
Auto gate/manual gate

POWER

PoE IEEE 802.3AF-2003
CAT-5 cable or higher
6 watts average power consumption

EXPANSION BUS IN/OUT

Proprietary Network
RJ-45 (2)
Solid core Category 5e or Category 6 cable, factory
terminated, for 200 feet maximum length between any two
devices connected through Expansion bus

USB

Not currently supported. Available for future use

RS232

Commands through CONVERGE Pro

CONFIGURATION & ADMINISTRATION SOFTWARE:

CONVERGE Console (4.x)

WEIGHT

4.4 lbs (2.0kg)

MECHANICAL

DIMENSION (WxHxW)
30" x 1" x 5.75" (WxHxD) (762mm x 25.4mm x 146mm)

MOUNTING

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

ENVIRONMENTAL

OPERATING TEMPERATURE
14° F/-10° C to 122° F/50° C ambient temperature

INSTALLATION

OPTIMUM MOUNTING HEIGHT:
About 8' - 10' ceiling
OPTIMUM COVERAGE DISTANCE:
About 6 - 10 traditional cardioid mics
About 2 - 3 ClearOne ceiling mic array
About 8' - 10' radius

SUPPORTED CONVERGE PRO*

CONVERGE Pro 840T
CONVERGE Pro 880
CONVERGE Pro 880T
CONVERGE Pro 880TA
*Maximum 3 Beamforming microphone array per each
  supported CONVERGE Pro unit and maximum 16 units
  in one stack

PART NUMBERS

910-001-003:
  White Beamforming Microphone Array
910-001-003-B:
  Black Beamforming Microphone Array
910-001-004:
  PoE Power Supply & Cables Kit for BFM Array
910-001-005-12:
  White Ceiling Mount kit with 12" suspension column
910-001-005-12-B:
  Black Ceiling Mount kit with 12" suspension column
910-001-005-24:
  White Ceiling Mount kit with 24" suspension column
910-001-005-24-B:
  Black Ceiling Mount kit with 24" suspension column
910-001-005-36:
  White Ceiling Mount kit with 36" suspension column
910-001-005-48:
  White Ceiling Mount kit with 48" suspension column
910-001-006:
  White Wall Mount kit for BFM Array
910-001-006-B:
  Black Wall Mount kit for BFM Array

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