

## COLLABORATE™ Dual Display - Foot Stand Solution

**NEW!**

COLLABORATE is an all-in-one voice, video and data collaboration solution, designed for organizations using Unified Communications or popular cloud video conferencing services delivering true plug-and-play simplicity.

Also, COLLABORATE with optional VIEW™ Multimedia Receiver allows users to consume rich, high-definition multimedia content from anywhere on the enterprise network in the form of live media broadcasts, corporate presentations, on-demand videos, real-time dashboards, digital signage, etc.

DELIVERS A  
RICH UNIFIED  
COLLABORATION  
EXPERIENCE, WITH  
UNMATCHED CRYSTAL  
CLEAR AUDIO QUALITY

BRINGS THE  
FAMILIARITY OF  
THE DESKTOP  
GUI TO GROUP  
CONFERRING



### APPLICATIONS

- + Unified Communications
- + Web Conferencing
- + Audio / Video Conferencing
- + Internet Telephony
- + VoIP Softphones
- + Instant Messaging
- + Personal Telepresence
- + Multimedia Streaming

#### Perfect for:

- + Small Conference Rooms
- + Executive Offices
- + SMBs

#### Options

- + With or without Windows 7 OS Pre-installed
- + Tabletop Dialer
- + VIEW Multimedia Kit including:
  - > VIEW Multimedia Receiver (Software)
  - > VIEW Encoder

### BENEFITS

#### Fully Integrated Complete Solution

- + Plug-and-play Simplicity
- + COLLABORATE Console with Integrated Quad-Core Processor, HDConference Audio System and UConference Unified Conferencing Platform
- + HD USB Camera
- + COLLABORATE Microphone
- + COLLABORATE Soundbar
- + Wireless Keyboard and Mouse
- + Analog Telephony Connection Interface

#### UC Client Compatibility

- + Google
- + IBM Lotus Sametime
- + Microsoft Lync
- + Mirial ClearSea
- + Skype
- + Vidyo
- + and others

#### Crystal Clear Audio

- + Audio processing based on ClearOne HDConference Technology

#### Beyond Conferencing

- + While not in conferencing mode, the system can be used to consume live multimedia content from sources anywhere on the enterprise network

## > ADVANCED FEATURE SET

### COLLABORATE Console Fully Integrated

46" LCD HD Display, Up to 1080p  
Dual Monitor Capability  
Energy Saving Controls  
QUAD Core Processor  
4.0 Gb RAM  
Supports Windows 7 Ultimate 32-bit  
HDConference® Audio Conferencing System

### COLLABORATE Soundbar

Full-Band Operation  
Robust Audio Performance  
Mounts on LCD Monitor



### COLLABORATE Microphone

Up to Two (2) Microphone pods,  
with 3 microphones in each pod.  
(2<sup>nd</sup> Mic Pod Optional)



### HD USB Camera

### COLLABORATE Tabletop Dialer (Optional)

Wired Dialer  
Navigation Pad  
Standard Hot-keys



COLLABORATE Console

COLLABORATE Display

### Wireless Keyboard & Mouse



### Other Options

With or without Windows 7 Installed  
VIEW Multimedia Kit Includes:

- + VIEW Multimedia Receiver (Software)
- + VIEW Encoder



## > SPECIFICATIONS

### Connections

**RS-232 Control Port:** DB9 Female

**USB Type:** A-type Female Connector, 2.0  
Compatible

Eight Total Ports:

- Two (2) - Front Accessible
- Six (6) - Rear Accessible

**LAN:** 10/100/1000 Mb RJ45 Ethernet

**Secondary Monitor Output:** VGA

### Control Management

Collaborate Console System Control Software  
Collaborate Console Audio Mixer Console

### COLLABORATE Audio Mixer

**Frequency Response:**  
20 Hz - 15 kHz +/- 1dB

**Dynamic Range:**  
>80 dB (Non-A Weighted)  
THD+N < 0.02%

**Processing:**  
AEC, NC, AGC, Gating, NOM

**Line Inputs:**  
Two (2) Unbalanced RCA

**Line Outputs:**  
Two (2) Unbalanced RCA

**Amplifier Outputs:**  
Four  $\Omega$  Stable (5W into 4  $\Omega$ )  
Connection: Binding Post Terminals

### Camera

HD USB  
Fixed Lens  
720p/30  
MJPEG  
USB 2.0 Type A Male Connector

### COLLABORATE Microphone

Ships with One Mic (Two Mic Limit - see  
Accessory Part Numbers for Additional Mic PN)

**Coverage:** 360°

**Connection:**  
Daisy-chain RJ-45 with CAT5 Cable

**Max Monitor-Pod Distance:** 75'

**Microphone Sensitivity:** -45 dBu

### COLLABORATE Soundbar

**Audio Operation:**  
100 Hz - 20 kHz

**Channels:** Mono

**Sensitivity:**  
85 dB 1W @ 1 foot (0.3 meter)

**Power:** 20W per Channel

**Impedance:** 4  $\Omega$

### Telephone Interface

**Telephone Audio Performance**  
Conditions: Unless otherwise specified, all  
measurements are performed with Transmit  
Limiter and Receive ALC disabled

**Frequency Response:**  
250 Hz to 3.3 kHz  $\pm$  1 dB THD+N: < 0.30%  
re-max level 250 Hz to 3.3 kHz  
SNR: > 62 dB re-max level

**Telco Line Echo Cancellation**  
Tail Time: 32 ms  
Null: 55 dB Nominal

**Telephone Noise Cancellation**  
Noise Cancellation 6-15 dB Attenuation

### COLLABORATE Dialer (Optional)

Wired Only  
Room Audio Controls

### Processor

Supports Windows 7 Ultimate 32-bit  
AMD Phenom II x4 Quad Core  
4.0 Gb RAM  
500 Gb Hard Drive

### Display

46" LCD  
1080p Resolution  
Energy Controls  
Brightness: 450 cd/m<sup>2</sup>  
Contrast Ratio: 4000:1  
Viewing Angle (V / H): 178° / 178°

### Power

100 - 240 VAC, 50/60 Hz  
600 W (Maximum)

### Mechanical (Monitor Only)

**Approximate Dimensions**  
**W:** 44.5" (1130.3 mm)  
**H:** 32.0" (812.8 mm)  
**D:** 5.0" (127.0 mm)

**46" Primary (Conference) Monitor Weight:**  
 $\approx$  95 lbs. (43 kg)

**46" Secondary (Data) Monitor Weight:**  
 $\approx$  85 lbs. (39 kg)

### VESA Mounting Holes

M6 1 mm thread pitch  
100 mm & 200mm Vertical  
600 mm Horizontal

### Environmental

**Operating Temperature:**  
32 - 95° F (0 - 35° C)

**Operating Time per 24-hour Period:**  
12 Hours Powered Max

**Humidity:**  
15 - 80%

### Compliance

#### EMC:

FCC Part 15 Class A

#### EMI:

EN55024:1998+A1 & A2  
EN55022:2006

IEC61000-4-2, 4-3, 4-4, 4-5, 4-6, 4-8, 4-11, 3-2, 3-3

#### Safety:

UL60950-1:2006+A11:2009

### Part Numbers

930-401-170 COLLABORATE Console,  
DualDisplay WITH Windows Operating System

930-401-171 COLLABORATE Console,  
DualDisplay WITHOUT Windows Operating  
System

850-401-013-01 Foot stand kit for use with  
Collaborate Console (dual display)

### Additional Accessory Part Numbers

910-154-015 COLLABORATE Microphone

910-154-035 COLLABORATE Dialer

910-401-020-05 Wireless Keyboard & Mouse

910-401-026 COLLABORATE Center Channel  
Soundbar

### Support Service

204-401-105 Essential Care Service for  
COLLABORATE Console (dual display) unit

204-401-107 Premium Care Service for  
COLLABORATE Console (dual display) unit

## > CLEARONE LOCATIONS

### HEADQUARTERS:

#### Salt Lake City, UT USA

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