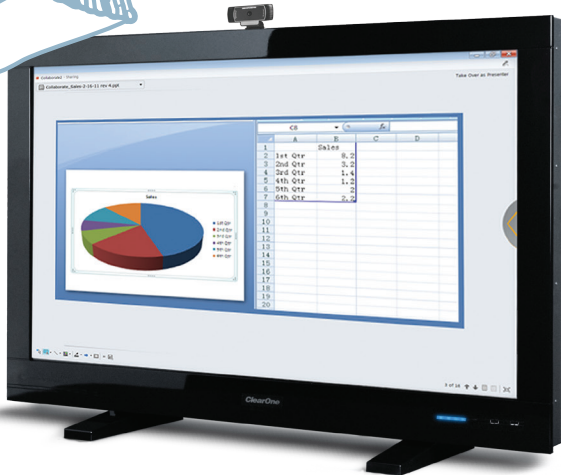*In Celebration of Our New*

Special Promotion

→ *Now your people can look as sharp as they are!*

COLLABORATE All-In-One combines an HD Video Software codec with ClearOne's professional audio

Now includes

HD Video Conferencing

Solution Bundle

HD Video	Standards-based (SIP/H.323)1280x720 - 30fps
HD Audio	ClearOne Professional Audio Mixer Daisy chainable Microphone array
HD Display	1920x1080 46" HD LCD
Control Options	Remote Control, Wireless Keyboard and mouse, Optional tabletop dialer
Mounting Options	Wall Mount, Table stand, Optional Multimedia Cart

Video Conferencing	HD Video Conferencing Multipoint option through MCU Interoperable with SIP/H.323 endpoints
Data Collaboration	Data sharing (H.239) Recording and Streaming
Unified Communication	Google Talk, IBM Sametime, Microsoft Lync, Skype and others
Perfect for	Conference and meeting rooms, Executive offices

ClearOne®

Advanced data sharing capabilities with no PC required - presentations or videos, open various file types from USB storage devices.

System Includes

- + 46" 1080p LCD display
- + Built-in HD Video conferencing codec
- + Recording and streaming license
- + 720p USB camera

- + Built-in Professional audio mixer
- + HD Microphone array
- + HD Soundbar

- + Remote control
- + Wireless keyboard and mouse
- + Wall mount or Foot stand

Functional Specifications

VIDEO CHARACTERISTIC
Video Specifications
Transmission speed (H.323 / SIP):
64Kbps – 6MBps
ISDN: 64Kpbs – 512Kpbs (4 x BRI) (*)

Video Standards
H.261, H.263, H.263+/++, H.264,
H.264 - UP TO 6Mbps

Live Video Resolution
720p60 (1280 x 720 pixels),
16:9 VGA (672 x 348 pixels),
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)
Up to 1080p60 RX, (1920 x 1080 pixels)

Video Frame Rate
Up to 30 fps

Camera
HD USB, (Logitech C910)
Auto focus, 1080p/30fps

AUDIO CHARACTERISTICS
INTERACT 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 Ω

INTERACT 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 Ω Stable (5W into 4 Ω)
Connection: Binding Post Terminals

DATA CHARACTERISTICS
Data Specifications
Data sharing methods Laptop plug in
(via Tabletop Pod) USB Storage key
Documents: PPT, PPTX, PPS, m PPSX, DOC,
DOCX,XLS, XLSX Video clips (AVI, MPEG, WMV,
etc) Audio clips (WAV, MP3), Graphic files (BMP,
GIF, TIF etc) H.239 support, Tandberg DuoVideo
support, Sending & receiving capability
1 live video source + 1 data source

Resolutions Supported
XGA, SVGA, 4CIF, VGA, CIF

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 ±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

NETWORK CHARACTERISTICS
H.323 QoS Features
DiffServ, IP Precedence, Firewall Port Sync,
Port pinholing NAT IP address mask, Adaptive
Bandwidth Adjustment, Packet loss recovery (FEC),
Packet duplication control
Packet ordering, Jitter correction,
Overhead prediction Lip sync correction,
Max packet size adjustment

Dialing Modes
Manual, Speed dial, Personal address book,
Online directory, Multicast chair, Broadcast
viewer,
Telnet API for AMX/Cretron

Security & Encryption
Encryption using H.235 (AES)
Supports Collaborate NetPoint (Firewall Traversal)
Network address translation
Supports restricted access to users via admin

Control
International remote control
Embedded web-based management
Telnet API for AMX/crestron

Directory Services
1000+ local number directory
10,000+ global number directory
H.350 support (MXM Mode)
LDAP online directory support,
OpenLDAP
Microsoft ILS
SiteServer
Active Search and Filter queries

FULL HD (1080p) DISPLAY
46" LCD, 1080p resolution,
Built-in quad core processor
Windows 7 OS
4Gb Ram (built in)
Internal Storage (500Gb)
Built-in HDConference® Audio mixer

PHYSICAL CHARACTERISTICS
Approximate Dimensions

W: 44.5" (1130.3 mm)

H: 32.0" (812.8 mm)

D: 5.0" (127.0 mm)

46" Display Weight:≈95 lbs. (43 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
930-401-100 COLLABORATE Console,
Single display with Windows OS

ClearOne Contacts

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