



Polycom® Executive Collection



Benefits

Modern, slim design – Fits into any boardroom environment

A complete solution – Includes large plasma displays, video conference system, integrated audio system and enclosures

Superb picture quality – Superior resolution plasma displays allow viewing from any point in the conference room

High-fidelity audio sound system – 270 watt audio sound system delivers superior Polycom StereoSurround™ audio quality during the video conference call

Choice of system configurations – Combine the VSX™ 8800 with multiple furniture and display options to create the unique solution that fits your needs

Choose single or dual plasma displays – Freestanding or wall mounted to meet the most demanding of conference room setups

Stylish elegance and versatile design for executive conferencing applications.

As organizations strive to enhance productivity across globally dispersed teams and ultimately speed learning and decision-making, demand increases for executive-quality meeting rooms with video conferencing capabilities. To meet this demand, The Polycom Executive Collection conferencing and collaboration solution was created. It not only provides the highest quality video conferencing, but it also sets a new benchmark for stylish elegance and versatility.

Vivid, sharp, life-size images on large plasma screens and a true audiophile-quality sound system, coupled with the industry's most advanced video conferencing systems, deliver high impact in a sleek floor stand or wall mounted system. Blending beautifully into any business environment, the technology becomes invisible, yet powerfully accessible and intuitive.

Built around Polycom's award winning VSX video conferencing technology,, the all-inclusive Executive Collection offers four integrated systems that are designed to meet the mission-critical needs of business, education, healthcare, and government.

For customers seeking top-of-the-line performance and design for their most important conference rooms, the Executive Collection features premium plasma displays, high-fidelity audio systems, and sophisticated furniture designs with wall-mounting or free-standing capabilities. Available in four configurations, each incorporates the industry's leading video conferencing and collaboration capabilities, large high-resolution plasma monitors, and a high-fidelity audio system, delivered in a credenza and transparent wall mounting system or a stylish, sophisticated floor stand.

The top-of-the-line video conferencing choice to access the power of Polycom unified collaborative communications solutions.

With the greatest breadth and depth of integrated video, voice, and Web solutions, only Polycom delivers the ultimate communications experience. Our market-leading conferencing and collaboration technologies, supported by world-class service, enable people and organizations to maximize their effectiveness and productivity. Add to that the most experience and proven best-practices in the industry, and it's clear why Polycom has become the smart choice for organizations seeking a strategic advantage in a real-time world



Connect. Any Way You Want.



Versatile, flexible design

- Flexible, streamlined floor stand and wall mount system with credenza
- Choice of single or dual 50-inch or dual 61-inch high-quality plasma displays
- Highest performance video conferencing using the VSX 8800
- High bandwidth capability – Up to 2Mbps on IP, ISDN, V.35 or SIP
- Choice of network including IP, ISDN, and other external network options
- Expandable systems – Executive Credenza enables you to add equipment to a room, while maintaining a common design language. The credenza is standard with the wall system

Highest quality conferencing applications

- Better performance features and application capabilities than any other solution on the market
- Unique Polycom People+Content™ technology simultaneously delivers high-resolution content and natural video, side by side on life size plasma displays
- Latest Polycom PowerCam™ cameras offer quiet, powerful movement and controls
- Data sharing, with XGA quality end to end, is as easy as pushing a button
- Smart 360° microphone with the widest, most sensitive pick-up range for dynamic, interactive conversations
- Graphical user interface enables easy point-and-click usage – no drilling down through text menus

Furniture dimensions

Wall system – Credenza

- Width: 32" / 81.28 cm
- Depth: 30" / 76.2 cm
- Height: 26.75" / 67.95 cm

Wall system – Dual 61" mounted plasmas/speakers

- Width: 134" / 340.4 cm
- Depth: 6.3" / 16 cm

Wall system – Dual 50" mounted plasmas/speakers

- Width: 112" / 284.5 cm
- Depth: 6.3" / 16 cm

Floor system – Base footprint

- Width: 37.2" / 94.49 cm
- Depth: 23.6" / 59.94 cm

Floor system – Dual 50" mounted plasmas

- Width: 95.3" / 242.1 cm
- Height: 63.8" / 162.1 cm

Furniture enclosure

- Floor System furniture enclosure includes stand, which houses the codec and audio sound system
- Wall System furniture enclosure includes credenza which houses the codec and amplifier with space for 4U of additional equipment, as well as speakers integrated with wall mounted plasma displays (including brackets.)

Versatility in choice of single plasma model

The Executive Collection Single 50-inch Floor System is the perfect choice for environments where space may be a consideration but performance, quality and style cannot be compromised. As with all of Polycom's Executive Collection models, this includes the industry's leading video conferencing and collaboration capabilities delivered by the VSX 8800 platform, a single 50-inch, high-resolution plasma monitor, a high-fidelity audio system and a stylish, streamlined floor stand.



Fits into any boardroom environment

The streamlined design of the Executive Collection floor system fully integrates the state-of-the-art, high performance video conferencing system with superb-quality plasma monitors, the latest in camera technology (for the fastest, quietest and highest precision movement), and integrated cabling within a very slim footprint.

Expansion capabilities for adding meeting tools

The Executive Collection optional credenza allows for situations where additional meeting tools or peripherals need to be added into the environment – such as document cameras or VCRs – without detracting from the overall interior design effect. The credenza comes standard with the Executive Collection wall systems, and an additional credenza can be added to either the wall or floor systems for this expansion capability.

Uncompromising high-fidelity audio

The Executive Collection high-fidelity audio system delivers 270 watts of total power, with a high-efficiency amplifier, subwoofer, and two (2) satellite speakers, especially designed for large environments where voice, video and multimedia communications require the highest performance sound quality. This audio system is combined with the highest quality audio capabilities of the integrated conferencing systems, including dynamic echo cancellation, automatic gain control, automatic noise suppression and the widest array of supported audio algorithms up to the unsurpassed Siren™ 14 (14 kHz audio fidelity) delivering exceptional audio fidelity and performance to the boardroom.



Plasma displays

- Single or dual 50" (127 cm) diagonal plasma displays available with floor system
- Dual 50" (127 cm) or dual 61" (155 cm) plasma displays available with wall system
- High resolution (1366 x 768), high contrast, high brightness, 16:9 widescreen aspect ratio format

Integrated audio sound system

- High-fidelity audio system delivers 270 watts of total power, with a high efficiency amplifier, subwoofer and two (2) satellite speakers transforming this conferencing solution into a high-performance sound studio for large environments
- 270-watt (total power) multi-channel B.A.S.H. digital hybrid amplifier (BASH® is a patented High Efficiency Power Amplifier circuit topology resulting in a successful marriage of efficiency, distortion, bandwidth, EMI, and sound quality)
- Subwoofer: 150 watts continuous at 100 Hz, one channel driven at less than .3% total harmonic distortion, with two (2) 6-inch drivers with bass response down to 35 Hz
- Dual speakers: Remarkable speakers that include a 3/4" silk fabric dome tweeter combined with two 3 1/2" composite midrange drivers for superb sound reproduction at frequency ranges of 100 Hz to 22 kHz

Polycom Executive Collection Specifications

VSX 8800 Specifications

ITU H.323 and H.320 compliant

Bandwidth

- Maximum Data Rate IP and Serial/V.35: Up to 2 Mbps
- Maximum Data Rate ISDN: Up to 2 Mbps
- Maximum Data Rate SIP: Up to 2Mbps

Video Standards & Protocols

- H.261, H.263, H.263+/, H.264, ITU 60-fps full screen – Pro-Motion™
- Intelligently selects frame rate for best performance video
- 30 fps at 56 kbps up to 2 Mbps
- 60 fields per second up to 2 Mbps

Video Inputs

- 4 Connectors

Serial Data Port

- 2 Connectors

Video Outputs

- 4 Connectors

Video Formats

- NTSC/PAL
- Graphics: XGA, SVGA, VGA

People Video Resolution

- Pro-Motion interlaced video, 4SIF, 4CIF, SIF, CIF
- Choice of 4:3 or 16:9 display aspect ratios
- Display People on VGA Second Monitor

Content Video Resolution

- XGA (1024 x 768), SVGA (800 x 600), VGA (640 x 480) for or Content on 2nd VGA Displays (when used with primary NTSC/PAL display)
- People video support for 4CIF and SIF on 2nd VGA display

Audio Standards & Protocols

- Polycom Siren™ 14 Stereo ready
- 14 kHz bandwidth with Siren 14 on IP, ISDN, and IP/ISDN mixed calls
- 7 kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.711, G.728, G.729A

Audio Features

- Seamless integration with Polycom Vortex® Installed Voice Products
- Audio add-in using SoundStation VTX 1000® conference phone

For more audio features, see the VSX 8800 datasheet

Audio Inputs

- 6 Connectors

Audio Outputs

- 6 Connectors

Network Interfaces Supported

- IP (LAN, DSL, cable modem)
- Single 10/100 Ethernet port (10bps/100Mbps/Auto)
- Optional ISDN QBRI Module
- Optional ISDN PRI Module T1/E1
- Optional Serial Module (V.35/RS-530/RS-449 with RS-366 dialing)

Embedded Encryption

- Advanced Encryption Standard (AES)
- Standards-based H.235V3 (IP)
- Standards-based H.233/H.234 (ISDN/Serial)

User Interface

- User-friendly graphical interface
- Customizable home screen and color themes
- Kiosk mode with scrolling marquee
- User-selectable camera icons and ring tones
- Up to (99) user defined camera presets
- Speed Dial List on home page
- Persistent Preview (Far-site PIP) on all screens
- Picture-in-Picture (PIP) (On/Off, Moveable)
- Dual-Monitor Emulation
- Numerical menu navigation (Similar to mobile phone)
- Date, Time Server accessibility
- Calendar and Conference scheduling
- Alert Signal on home page
- Do Not Disturb (On/Off)
- VSX Web for remote monitoring

Directory Services

- 4,000+ number global directory
- 1,000+ number local directory
- Limitless multipoint entries

For more information on directory services, see the VSX 8800 datasheet

System Management

- SNMP for enterprise management
- Diagnostics and software upgrades via PC, LAN
- Integrated VSX Web management tool

For more information on system management, see the VSX 8800 datasheet

Quality of Service and Experience - iPriority™

- Video Error Concealment
- Audio Error Concealment
- Universal Plug and Play (UPnP)
- IP Precedence (ToS)
 - Configurable video/audio/FECC service value
- DiffServ (DSCP) (COS)
- Dynamic Bandwidth Allocation
- Proactive Network Monitoring
- Packet and jitter control
- Network Address Translation (NAT) support
- Automatic NAT discovery
- Asymmetric speed control
- Alternate Gatekeeper support
- TCP/UDP fixed-port firewall support
- Lip synchronization
- Echo cancellation
- Echo suppression
- Auto gatekeeper discovery
- Automatic gateway dialing profiles
- Specify outbound call routing for gateway/ISDN

Language Support (12 languages)

Chinese (Simplified), Chinese (Traditional), English, French, German, Italian, Japanese, Korean, Norwegian, Portuguese, Russian, Spanish

Warranty

- One-year return to factory parts and labor
- One-year software updates and upgrades

VSX 8800 Includes

PowerCam™ Plus Camera

Silent, motorized pan-tilt-zoom camera with imbedded microphones enables pointing to presets

Voice tracking capability

- Tilt Range: +/- 25° (Up/Down)
- Pan Range: +/- 100° (Left/Right)
- Horizontal field of view: 65°
- Total Field of View: 265°
- Horizontal resolution: 460 (PAL)/470 (NTSC) TV lines
- Zoom range: 10x
- Auto focus/white balance/brightness/iris
- Standards-based, far-end camera control (FECC)

Polycom Digital Tabletop Microphones (2)

- 360° voice pick up, 4.8 dB less reverberant than omni microphone
- Three cardioid elements per microphone
- Flotation feet reduce transmission of tabletop noise
- Integrated mute button
- Can be mounted to ceiling or walls

People+Content Support

- People+Content IP
- ImageShare™ II
- Direct VGA-in connectivity

Internal Multipoint Features

- Mixed protocol dialing connects a total of four endpoints (IP/ISDN/Serial) through the internal MCU
- Dial-in/Dial-out Calling (IP/ISDN/Serial)
- Password protection for incoming calls
- Supports IP telephones
- Automatic IP/ISDN down speeding
- Supports People+Content from any endpoint (Not just the host site)
- Voice Activated Switching - view current speaker
- Continuous Presence - see all locations
- Automatic Presentation - switch between presenter and continuous presence mode
- MP key installation while in a call
- Audio add-in over ISDN
- Cascading for up to 10 conference participants (mix of IP/ISDN/Serial Video and ISDN Audio)

Stereo Speaker Kit

- Includes subwoofer, (2) high-fidelity speakers and speaker stands
- Subwoofer: 150 watts output power; bass response to 35 Hz
- Speakers: frequency range 100 Hz to 22 KHz

©2005 Polycom, Inc. All rights reserved.

Polycom, the Polycom logo, Vortex and SoundStation VTX 1000 are registered trademarks and StereoSurround, VSX, People+Content, PowerCam, Siren, Pro-Motion, iPriority and ImageShare are trademarks of Polycom, Inc. in the U.S. and various countries. All other trademarks are the property of their respective companies. Specifications subject to change without notice.



Polycom Headquarters:

4750 Willow Road, Pleasanton, CA 94588 (T) 1.800.POLYCOM (765.9266) for North America only.
For North America, Latin America and Caribbean (T) +1.925.924.6000, (F) +1.925.924.6100

Polycom EMEA:

270 Bath Road, Slough, Berkshire SL1 4DX, (T) +44 (0)1753 723000, (F) +44 (0)1753 723010

Polycom Asia Pacific:

Polycom Hong Kong Ltd., Rm 1101 MassMutual Tower, 38 Gloucester Road, Wanchai, Hong Kong, (T) +852.2861.3113, (F) +852.2866.8028

Part No. 3726-07679-001 Rev. 5/05