

Polycom[®] VSX[™] 7000s

Features and Benefits



Audio

Siren [™] 14	<ul style="list-style-type: none">• 14 kHz crystal clear, wideband audio• Eliminates fatigue associated with straining to hear every word• Near CD-quality sound for dynamic audio performance• Superb clarity to hear the subtleties of every word• Included with every VSX system
Polycom StereoSurround [™]	<ul style="list-style-type: none">• 2 channels of 14 kHz crystal clear audio• Wideband audio projected in stereo, from left and right speakers• Superb clarity to hear the subtleties of every word• Easily decipher multiple, simultaneous conversations• Distinguish which side of the room people are talking from, just like in a real meeting
SoundStation VTX 1000 [®] Integration*	<ul style="list-style-type: none">• Use the SoundStation VTX 1000 as the microphone for the video system and eliminate the VSX 7000s tabletop microphone array• Add POTS voice-only callers to a video conference with the SoundStation VTX 1000• Maximize the value of audio and video equipment investments when used together• Remarkable voice pickup range with the SoundStation VTX 1000 microphones• Video dial, mute, call hangup and call redial from the SoundStation VTX 1000 keypad• Supports StereoSurround
Integrated Hi-Fidelity Sound System	<ul style="list-style-type: none">• Eliminates reliance on TV speakers which deliver sub-par quality• Includes mid-range speaker and external subwoofer• Rich, deep bass and broad audio range• Small, compact form factor
VSX Microphone Array	<ul style="list-style-type: none">• 360° audio pickup• Padded feet filter out table-top noise• Sensitive enough to pick up whispers, smart enough to eliminate unwanted background noise• Versatile and attractive design for table top, wall or ceiling mount• Single array for StereoSurround• Gated enhanced stereo pickup
Audio Error Concealment	<ul style="list-style-type: none">• Reduced audio drop-out on busy IP or ISDN networks• Smooth, consistent verbal communications without interruptions• Corrects audio from any system seamlessly• Activates automatically, only when needed

* SoundStation VTX 1000 integration not available in all countries.
Contact your Polycom representative for availability.

Video

H.264 Video	<ul style="list-style-type: none">• Use less bandwidth to conduct video calls of equal quality compared to calls using the H.263 standard• Unparalleled video quality for lower line rate applications• More bandwidth is available for other business• Cost savings to any organization• Supported at data rates from 64Kbps to 768Kbps
Pro-Motion™ H.263	<ul style="list-style-type: none">• Full-screen, TV-like video quality with fluid, precise motion handling• Greater image detail with 50/60 fields per second• Most natural video communications experience possible
Single Monitor XGA Support	<ul style="list-style-type: none">• Use a XGA display for main display• Clearly see both the presenter and the content on a single display in XGA resolution• Flexibility in configuration, allowing users the display of their choice• Supports up to 1024 x 768 resolution
Support for 16:9 or 4:3 Format	<ul style="list-style-type: none">• User selectable display format• 16:9 aspect ratio with Dual Monitor Emulation is perfect for plasma displays• High resolution graphics displays for content presentation
Video Error Concealment	<ul style="list-style-type: none">• Reduced video drop-out on busy IP networks• Smooth, continuous video without interruptions• Maintain active face-to-face contact• Accomplish meeting objectives without worrying about the video integrity• Activates automatically, only when needed

Content Sharing

People+Content™, H.239	<ul style="list-style-type: none">• Using Polycom's Visual Concert VSX, easily attach a laptop and display PC content during a video call• The content source can come from a VCR/DVD or doc camera• Standards based H.239, based on Polycom's People+Content technology, ensures interoperability in the industry• No matter what the content source, the conference participants will always see the content and the speaker simultaneously
People+Content IP	<ul style="list-style-type: none">• Simply input the IP address into a small utility and PC content is easily shown to all conference participants• This feature can be used by anyone in the conference, even voice-only participants!
Adjustable Bandwidth for Content	<ul style="list-style-type: none">• Choose the amount of bandwidth to dedicate to Content or People• Options include 90% Content/ 10% People; 50% Content/ 50% People; 10% Content/ 90% People• User adjustable setting can be accessed both during a call and outside of a call
Dedicated VCR/DVD Connection	<ul style="list-style-type: none">• Ability to use line level inputs for other devices• Easily play VCR/DVD movies/images during a video conference• Adds another dimension to the conference, making it like "being there"• See both the speaker and the DVD/VCR image
Multiple Content Sources	<ul style="list-style-type: none">• Second camera source (i.e. doc camera/VCR/DVD) images can be seen as content, along with people• Now all sources of content (PC, 2nd camera, VCR, etc.) show up on the second screen/monitor – they never displace the person/group speaking• Supplement video conference with multiple types of content including pictures, documents, audio files, presentations• Flexible bandwidth settings for adjusting people and content

User Interface

Support for API Control Commands	<ul style="list-style-type: none">• Custom control touch panel integration (AMX® or Crestron®) is made easy with extensive support for API command set• Integrator's Reference Manual for VSX Series details over 200 commands for special applications• Sample control templates are available for touch panel integration that provides basic functionality right out of the box
Calendar & Call Scheduler	<ul style="list-style-type: none">• Quick and easy access to a monthly calendar with current date and time posting• Schedule individual or repeat meetings to dial automatically• Create and save multipoint team meetings
Customizable Home Page	<ul style="list-style-type: none">• Display only the necessary buttons• Unique design to meet your organization's needs• Simplified graphical interface for novice users• Easy to understand icon driven menu navigation decreases learning curve• Kiosk Mode allows you to create a look and feel that suits your application• Leads to increased use of video
Dual Monitor Emulation	<ul style="list-style-type: none">• Use Dual Monitor Emulation for the most efficient use of a single display• Full size near and far video windows at the same time• Alternate layout views
User Selectable Camera Icons	<ul style="list-style-type: none">• Use icons that represent your industry• Intuitive icons match the input device• Custom name gives the icon clear meaning• Selection – 5 libraries to choose from• Decreases learning curve
Display Configuration Choices	<ul style="list-style-type: none">• Allows you to configure displays for your application• Single or dual displays• XGA or NTSC / PAL• 4x3 or 16x9 formats• Decide what shows on each display, near end, far end, or content

Platform Versatility

Integration with Microsoft® Live Communications Server (LCS) via SIP	<ul style="list-style-type: none">• Integrates directly with Microsoft collaboration infrastructure• Registers and authenticates with Microsoft LCS 2005• VSX users can be added to Microsoft Messenger's buddy list• Presence information sent to LCS indicating video buddies' availability
Supports up to (3) Microphone Arrays	<ul style="list-style-type: none">• Maximum coverage for extended rooms• Polycom StereoSurround support makes installing stereo even easier• Great audio pickup from every corner of the room• Each participant is near a microphone• Pin-point accuracy on the active speaker with multiple microphone arrays• Ceiling Microphone Array can be seamlessly incorporated; provides coverage up to 40ft in diameter
Internal Multipoint Software	<ul style="list-style-type: none">• Optional upgrade easily done with a software key• Conduct meetings beyond just point-to-point• Increase productivity by including key people on the call• Adding sites during a call can lead to quick decision making• Supports up to 4 video and 1 voice call in a single conference
Advanced Encryption Standard (AES)	<ul style="list-style-type: none">• Communications are confidential and secure• Authentication by the National Institutes of Standards means it's credible• Built-in, no extra hardware required
IP (H.323 and SIP), ISDN or Serial Connectivity	<ul style="list-style-type: none">• Choose the right configuration for your specific network connection• Supports UPnP and NAT for automatic setup of conferences conducted through firewalls• Wide range of IP QoS services to insure call quality and integrity
Multiple Use RS-232 Port	<ul style="list-style-type: none">• RS-232 port• Camera control, Polycom or others• Transparent data pass-thru in H.320 or H.323• Peripheral options from Polycom Custom Products
E-Mail dialing format when dialing across IP security boundaries	<ul style="list-style-type: none">• Easy and intuitive E-mail video dialing• Operates with Polycom's V2IU™ Firewall Traversal Appliance• Deployable to wide range of customers, suppliers and partners

Interoperability

Part of Polycom's Unified Collaborative Communications	<ul style="list-style-type: none">• Remote management through Global Management System™• Click & View™ offers a variety of layout templates for multipoint call• Expand the audience over audio and video with an MGC™ bridge• Extended conferencing with Polycom PathNavigator™• Schedule, invite participants and manage conferences easily with Polycom Conference Suite• Expand meeting capabilities by adding voice-only participants using the SoundStation VTX 1000 conference phone
Standards-based	<ul style="list-style-type: none">• Solid, reliable platform• Qualified by independent test labs• Interoperates with other vendor's systems• Easy to install even in a multi-vendor environment
Baseline Mode	<ul style="list-style-type: none">• Set your system to baseline mode, H.261 and G.711, for maximum interoperability with legacy video conferencing systems• Accessible via the web interface for easy access by the network administrator• Can be turned on and off as needed