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Polycom® SoundStructure® C-Series Models

Truly immersive audio experience for voice and video conferencing

Polycom® SoundStructure® installed audio solutions deliver high definition clarity to voice and video conferences for improved productivity and faster decision making.

Advanced design and custom configuration capabilities allow you to quickly and efficiently deliver world-class audio quality to a variety of room environments. Seamless integration with Polycom video and voice conferencing solutions creates life-like experiences, with Polycom immersive and room telepresence solutions, Polycom® HDX® microphones, and Polycom Ceiling Microphone Arrays delivering unmatched video and voice collaboration quality. Controlling SoundStructure is easier than ever with Polycom Touch Control, an intuitive touchscreen controller that allows you to dial calls and precisely adjust audio levels in the room.

SoundStructure C-Series installed audio solutions set a new standard in performance for immersive conferencing. Full-stereo acoustic echo cancellation, with 22kHz bandwidth and powerful feedback elimination, allows meeting participants to focus on the conversation without distraction. Comprehensive input, output and submix processing provides configuration flexibility and integrates all core audio processing into a single solution, eliminating the need and costs of additional equipment. Optional modular telephony interface cards expand functionality and provide investment protection.

The innovative Polycom OBAM™ matrix architecture in SoundStructure enables up to eight SoundStructure units to appear as one system for unparalleled scale and flexibility. Advanced signal grouping, channel labeling and submixing let you leverage existing designs and configurations for future installations, saving time and money, while exclusive SoundStructure Studio software simplifies configuration and enables advanced system designs for existing and evolving needs.

About Polycom

Polycom is the global leader in standards-based unified communications (UC) solutions for telepresence, video, and voice powered by the Polycom® RealPresence® Platform. The RealPresence Platform interoperates with the broadest range of business, mobile, and social applications and devices. More than 400,000 organizations trust Polycom solutions to collaborate and meet face-to-face from any location for more productive and effective engagement with colleagues, partners, customers, specialists, and prospects. Polycom, together with its broad partner ecosystem, provides customers with the best TCO, scalability, and security for video collaboration, whether on-premises, hosted, or cloud-delivered. Visit *www.polycom.com* or connect with Polycom on Twitter, Facebook, and LinkedIn.

Benefits

- **Breakthrough audio conferencing performance** – Life-like voice conferencing with no compromises. The most powerful and flexible installed audio solution available.

- **Easy installation and configuration, even for very large or complex systems** – Innovations such as SoundStructure Studio configuration software and OBAM™ make it easier than ever to deliver crisp, clear, life-like sound.

- **Seamless integration with Polycom HDX® solutions** – Delivers the true Polycom UltimateHD™ experience for natural, life-like voice and video conferencing that raises productivity to a whole new level.
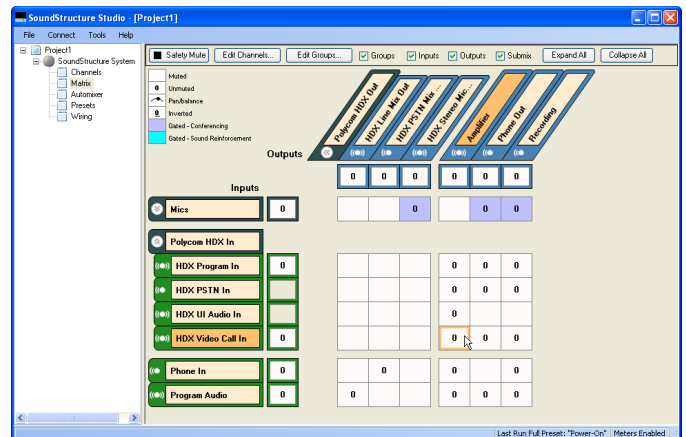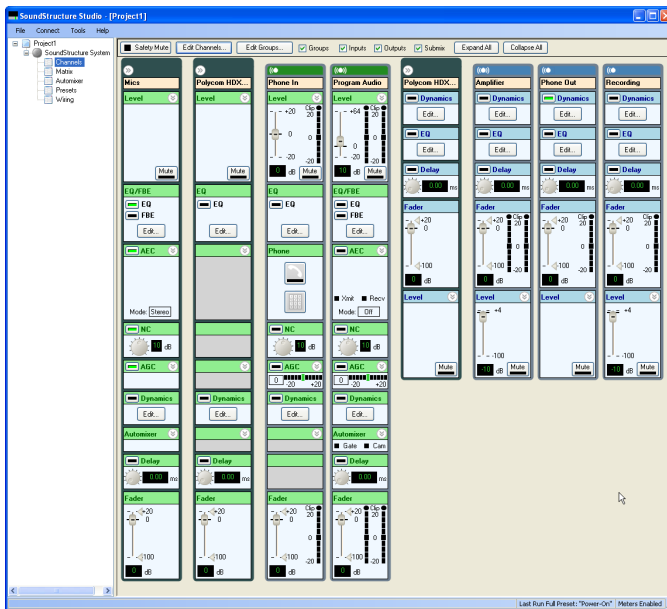
Features and Benefits

- **Unrivaled Stereo Acoustic Echo Cancellation (AEC)** – The only product with both monaural and stereo echo cancellation from 20Hz to 22 kHz – AEC with no compromises for more immersive meetings
- **Breakthrough feedback elimination** – Enables more flexible microphone, talker, loudspeaker placements and speech reinforcement delivering audio where you want it
- **Polycom OBAM™ matrix architecture** – Connect multiple units together to create larger systems without the limitations of traditional bussing
- **All conferencing features available on all inputs** – Eliminate the worries of running out of microphone inputs, since every feature is available on all inputs
- **Gain sharing automatic microphone mixer** – Improved automixer experience ensures smoother transitions and robust performance in a variety of operating environments
- **Provide expanded functionality and investment protection** – Use modular single or dual-line PSTN, or VoIP telephony cards

- **Fully digital Polycom HDX integration** – Add powerful, configurable audio to your HD video solution
- **Polycom Touch Control** – Provides a simple-to-use interface for volume control, muting, and dialing of SoundStructure.
- **Use HDX digital mic arrays** – Compatible with both HDX digital mic arrays and traditional analog microphones (each HDX digital microphone requires the processing of three analog inputs)
- **Push to talk microphones and other applications** – Gain flexible support with logic inputs (contact closures) and outputs
- **Powerful events programming** – Customize system behavior with the Polycom Touch Control, HDX telepresence solutions, HDX IR remotes, and more
- **Password protection** – Prevents unauthorized users from accessing, controlling or making changes to the system

SoundStructure Studio

SoundStructure Studio is Polycom's next-generation installed audio design and configuration software. Using SoundStructure Studio makes it possible to get your installed audio solutions up and running faster than you ever thought possible. It also makes it easier than ever to add and remove input and output signals through a single matrix view on one screen, and to provide default signal routings and gains based on the type of input or output signal.

The matrix page (above) shows the signal routing from inputs to outputs for all audio channels in the system. Groups of multiple signals can be collapsed and configured as a single channel or expanded and configured individually.

SoundStructure Studio channels page (left) allows for easy access to the settings for all the inputs and outputs for the entire system.

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