

Bose Ships ControlSpace EX Conferencing System

Written by Alice Marshall
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Bose Professional presents the ControlSpace EX-- an audio conferencing system complete with all-in-one DSP, x3 under-table Dante endpoints and ControlSpace Designer software with features specific to build-outs of audio conferencing systems.



At the heart of the system is the ControlSpace EX-1280C conferencing processor. It addresses the need for consolidated, single-model connectivity, with integrated support for VoIP, PSTN, PSTN, analog and USB audio. Twelve advanced, routable AECs with adaptable noise cancellation, non-linear processing and comfort noise enhance the clarity and intelligibility of meetings.

ControlSpace EX leverages Dante for simplified audio routing and connectivity. The EX-1280C has 64x64 Dante I/O and native support for all Dante conferencing microphones. Additional onboard connectivity includes 12 mic/line inputs, 8 analog outputs, an 8-channel Bose AmpLink digital output, stereo in/out USB audio, dual-line VoIP and PSTN. A front panel OLED display and rotary knob allow for metering and control of basic parameters such as IP settings.

An interesting feature of the ControlSpace EX system is connectivity via three Dante-based PoE+ under-table endpoint models. With daisy-chainable power and networking boxes, they are designed to be mounted underneath conference tables. The two microphone endpoints, the EX-4ML and EX-8ML (4 and 8 channels respectively) feature 48V phantom power as well as +12V LED power and 3 logic I/O per channel (one in, two out) to interface with most analog conferencing microphones. Up to 24 microphones with LEDs and push-button muting can be connected over a single CAT 5 or 6 cable.

The EX-UH endpoint extends conferencing for BYOD with mobile phones and laptops via USB and 3.5mm TRRS analog jacks. Additionally, desktop phones can be interfaced using the RJ-9 telephone handset connector.

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All components are configured and controlled via Boses ControlSpace Designer Software. Version 5.1 brings additional features, and the new Conference Room Router and Conference Room Combiner tools designed to automate system setup. In addition, version 5.1 includes drag-and-droop Dante programming, native Dante microphone support, predictive feedback suppression and standard room combining. ControlSpace Remote 2.2 software supports the EX-1280C, and includes a dialer for creating a tablet-based UI for conference room.

The ControlSpace EX system is shipping now.

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