

## **ControlSpace EX-1280C conferencing processor**

### **ARCHITECTS' & ENGINEERS' SPECIFICATIONS**

**APRIL 2018**

The conferencing audio DSP shall have 12 balanced inputs and 8 balanced output channels for microphone or line-level analog audio signals, each independently controllable with removable screw-down and labeled connectors. The DSP shall contain 12 channels of acoustic echo cancellation (AEC), with multiple references, routable to analog and/or Dante® inputs. The DSP shall have Dante digital audio networking up to 64 x64 channels, an Ethernet connection for control and programming on an RJ-45 jack and VoIP connection for 2 lines, PSTN and USB audio and 8 channels of Amplink on an RJ-45 jack.

The audio DSP shall be a 1 RU rack mountable chassis and include configurable signal processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, delay, conference room router, conference room combining, as well as control, monitoring, and diagnostic tools. The audio DSP shall control and proxy all EX expansion devices and other Dante endpoints.

The audio DSP shall be compliant to UL60065 (8th edition), CAN/CSA-C22.2 No.60065 (8th edition), IEC/EN60065 (8th edition), EN 55032:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55103-2:2009; FCC Part 15B Class A, ICES-003 Class A, CNS13439, GB13837, GB17625.1, GB17625.2 25.2, CISPR13, and have Telephone certifications for CE, Japan, Hong Kong, Australia, Taiwan, New Zealand, UAE, India, USA, Canada, China and Mexico. Warranty shall be five years. The audio DSP shall be Bose ControlSpace EX-1280C.