

ControlSpace® EX-1280 digital signal processor

ARCHITECTS' & ENGINEERS' SPECIFICATIONS

APRIL 2019

The 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 have Dante® digital audio networking up to 64 input and 64 output channels, an Ethernet connection for control and programming on an RJ-45 jack, 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, 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), UL62368-1 (2nd edition), CAN/CSA C22.2 No. 62368-1-14 (2nd edition), and IEC/EN 62368-1 (2nd edition); EN 55032:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55035:2017, FCC Part 15B Class A, AS/NZS CISPR 32:2015, ICES-003 Class A, and CISPR13.

Warranty shall be five years. The audio DSP shall be Bose ControlSpace EX-1280.