Flexible I/O for a wide variety of system applications. Bose ControlSpace ESP-00 Series II processor offers high-quality signal processing and provides a flexible analog and digital audio I/O platform. Based on the popular ControlSpace ESP-88/00 processor, the ESP-00 Series II processor offers increased DSP performance, a new look and support for all existing audio expansion cards and user controls to create customized audio solutions. Eight open available card slots supporting up to 64 channels take user-installable I/O cards to better match signal type and channel count requirements. A full range of I/O cards are available, including mic/line level analog audio, AES3, Dolby®/DTS® surround decoding and audio network cards. A full suite of signal processing modules can be used, such as automatic mic mixing, multiband graphic and parametric EQs, Bose loudspeaker EQ libraries, signal generators, routers, mixers, AGCs, duckers, gates, compressors, source selectors and delays.

Extended control and audio network options. Offering a variety of control options, the ESP-00 Series II processor is compatible with Bose control centers and volume controls, and also will work with potentiometers and switches offered by other manufacturers. On-board connectivity includes a serial port (RS-232 and Ethernet) and up to 32 general purpose I/O (16 inputs, 16 outputs) and integration with other control systems and remote controls. The ESP-00 Series II processor supports the use of any one of the available audio network cards, allowing connectivity with products and systems supporting popular protocols such as Dante™ and CobraNet®.

Control, configuration and monitoring in a single interface. ControlSpace ESP processors are designed to work seamlessly with Bose ControlSpace® Designer™ software to facilitate the design, control, configuration, real-time operation and monitoring of a project. ControlSpace Designer software is a graphical user interface tool that provides access to all system functions, and is used to configure both the audio signal processing and control functions of the system. When configured for operation in monitor mode, ControlSpace Designer software provides real-time monitoring and control while preventing access to system settings.
Bose ControlSpace® ESP-880/1240/4120 engineered sound processor

Bose ControlSpace ESP-880/1240/4120 engineered sound processors are single-rack-space audio processors that deliver high-quality, open-architecture processing in a cost-effective package. Available in analog configurations of 8x8, 12x4 and 4x12, with on-board 8-channel ESPLink output and digital network card options, these ControlSpace processors are designed to work seamlessly with Bose ControlSpace® Designer™ software to facilitate the design, control, configuration, and real-time operation and monitoring of a project.

ControlSpace® Designer™ software

Bose ControlSpace Designer software is a graphical user interface tool for the design configuration and control of systems consisting of engineered sound processors, PowerMatch® configurable professional amplifiers, and Bose control centers.

Using ControlSpace Designer software, it is possible to design, configure, control and monitor all Bose networked system electronics from within a single application. Using a standard drag-and-drop user interface, ControlSpace Designer software is used to quickly and accurately configure signal processing functions within engineered sound processors and PowerMatch amplifiers, and to develop complex control programming for system operation.

PowerMatch® configurable professional power amplifier

The Bose PowerMatch line of configurable professional power amplifiers delivers concert sound quality for fixed-installation sound reinforcement systems. Four different available models add numerous new Bose proprietary technologies to simultaneously provide class-leading power, efficiency, sound quality and reliability. The network versions of each model add Ethernet connectivity for network control and monitoring of multiple amplifiers using ControlSpace Designer software. Optional digital cards (ESPLink, CobraNet®, Dante™) enable high-quality digital audio input from other components and systems.

For more information:
pro.Bose.com