

# ControlSpace® SP-24 sound processor / ControlSpace SP-24 Editor software



A simplified approach to DSP for 2x4 installed and portable applications.

## Designed to make audio processing setup quicker and easier.

The Bose® ControlSpace® SP-24 sound processor simplifies audio DSP for 2x4 installed and portable applications by offering two methods of configuration based on user preference and loudspeaker type.

Fast system setup is achieved using front-panel LCD menus and controls, which offer a basic method of configuration for systems using Bose loudspeakers. Factory-installed Bose loudspeaker equalization curves are selectable together with common routing configurations. Additional settings are also available from the front panel, such as gain and delay, for basic system tuning.

Using the SP-24 Editor software, additional signal processing parameters are available for system equalization and optimization. For unique signal routing and processing configurations, or when used with non Bose loudspeakers, the SP-24 sound processor in combination with the SP-24 Editor software serves as a general-use DSP processor.

*Rear panel: Bose ControlSpace SP-24 sound processor.*



## Complete control and customized sound using the SP-24 Editor software.

The intuitive SP-24 Editor software provides complete access to all signal routing and signal processing settings, whether connected live or offline. Using the SP-24 Editor, create custom scenes that can be saved locally to a PC, or, using a USB connection, stored directly to the processor.

The SP-24 Editor delivers a host of graphical tools to adjust signal routing, input and output 9-band equalization, band pass filters, delays, peak limiter, gain and polarity control. Create custom loudspeaker equalization curves using the 9-band DualEQ, or quickly configure loudspeaker equalization for both current and legacy Bose professional loudspeakers using the Speaker EQ selection list. When connected, live control and signal level monitoring allows real-time access for precise system optimization.

The SP-24 Editor is designed for operation on most 32- and 64-bit Windows-based PCs and is available for download at [pro.bose.com](http://pro.bose.com).

## Integrates easily for use in a range of applications.

The SP-24 sound processor includes standard XLR connections to interface with balanced pro audio gear. It offers 2 input channels for sources such as mixing consoles, and 4 output channels to connect to amplifiers or powered loudspeakers.

Additional features include input signal and clip LEDs located on the front panel, and a Lockout Mode, which helps prevent unauthorized access to the front panel of the processor.

The SP-24 sound processor is best suited for applications including basic loudspeaker installations in auditoriums, houses of worship, venues with live music performances such as bars and night clubs, restaurants and retail establishments. Additionally, the ControlSpace SP-24 can be used for auxiliary zones in larger system installations and with portable sound reinforcement systems.

For more information:  
[pro.bose.com](http://pro.bose.com)

Bose Professional Systems Division

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