



CSP-428 & CSP-1248 Commercial Sound Processors

Installation Guide
Guía de instalación
Guide d'installation
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Overview

Bose Professional CSP-1248 and CSP-428 commercial sound processors offer right-sized I/O and simplified configuration for small-to-medium scale projects. They are designed to serve as standalone DSP in commercial applications such as retail stores and restaurants, or any public place where modest processing, high-quality sound and facilitated installation is desired. Models feature a quick-setup workflow, using an integrated web server with browser-based configuration utility, for making common tasks intuitive and logical – ultimately reducing installation time. Integrated Bose-proprietary algorithms offer predictable control options, while compatible interfaces like ControlCenter digital controllers and ControlSpace Remote offer reliable, convenient operation for end users.

Product Features

Right-sized connectivity for cost-effective commercial installation options. Models feature balanced analog I/O (CSP-1248: 8 × 4, CSP-428: 2 × 2), mono-summed RCA inputs (CSP-1248: 4 pair, CSP-428: 2 pair), 8 control inputs, 1 control output, a mute contact, Ethernet network (for configuration or wall control) and Bose AmpLink.

CSP configuration utility provides an intuitive setup interface via the CSP's integrated web-server so that you can quickly configure the CSP using a web browser.

Rear-panel Ethernet connection provides a local port for configuration via computer and a wider network connection for control from compatible ControlCenter digital wall controllers or ControlSpace Remote clients

AutoVolume compensation continuously adapts zone output level based on the ambient noise of an active space, as to maintain consistent program material (requires the Bose AVM-1 sense microphone accessory)

Opti-voice paging provides a smooth transition between the music and page signals

Opti-source level management monitors the input level of up to four sources. Source levels are continually adjusted to maintain a consistent volume level among different source.

SmartBass equalization enhances the low-frequency output of select loudspeakers

Bose AmpLink output for simplified digital audio connectivity to supported power amplifiers