



Commercial Sound Processor v2.3  
PowerSpace+ Firmware v2.3  
Bose Professional Configuration Utility v2.3

## Overview

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These release notes address the notable changes and information about v2.3 for Commercial Sound Processor (CSP) processors, PowerSpace+ Amplifiers and the Configuration Utility for PC/MAC. Version 2.3 is a feature release that improves the current versions of firmware with the following list of new features and defect fixes.

### New Features

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1. New loudspeaker presets
  - a. 402 and 802 Series V Speaker PEQs added

### Changes

1. Now when selecting 'Flat' Speaker EQ, limiter values cannot be updated.

### Defect Fixes

1. Resolved an issue where input mixing gain could be increased above 0.0dB for CSP and PS+ devices.
2. Resolved an issue for CSP devices that caused audio to stop playing in a listening area when the Input Type is changed.
3. Resolved an issue for CSP devices that prevented the limiter from reducing gain on Hi-Z outputs.
4. Resolved an issue where out-of-range values could be entered into the Area EQ.
5. Resolved an issue that prevented CSP devices from importing a design file created with Bose Professional Configuration Utility if the paging option was set to 'Unassigned' in a listening area.
6. Resolved an issue that prevented Quick Setup completion for PS+ devices when the I-share option was toggled on.
7. Resolved an issue where 'Custom' and 'Flat' EQ presets set output limiters to '1 V' for PS+ devices.



### Supported Web Browsers

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Browser	Minimum Version Required
Chrome	91.0.4472 or later
Firefox	89.0.2 or later
Edge	14.1.1 or later

### Known Issues, Defects, and Limitations

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The following are the known issues and defects with this release. The information included here can be useful when troubleshooting issues with software or hardware operations.

#### General Issues

1. Typing manual values in boxes in the webUI (or Bose Professional Configuration Utility) times out in 500ms, so manual entry of values needs to be done rather quickly.
2. Typing out of bounds values, such as 80,000 hz in an EQ will tell the firmware to go to the nearest minimum or maximum, however the entry box may stay with the 80,000 hz value visible, until you change tabs or refresh the browser, at which time that number will reflect the minimum or maximum (such as 20,000 Hz).
3. In some cases, the Speaker EQ graph (under Output configuration) may not display all EQ parameters – but the correct EQ is in the signal path.
4. P+ may stop functioning in isolated issues with Power LED flashing red, if this occurs, restart the device by pulling the power cable.
5. If you have previously calibrated AutoVolume for a listening area and then choose to recalibrate, the previous calibration is not removed until Step 3 of the calibration process is reached.
6. With some browsers, the initial Dynamic EQ calibration level may begin as high (0 dB). It is recommended that users ensure a value of -30 dB or less is used for the initial calibration screen.
7. AutoVolume metering may not display if AutoVolume is turned ON by CSR or Scheduled Event. Refreshing the browser after AutoVolume is turned ON will have the AutoVolume metering begin to display.

#### Discovery Tool

1. If PC being used to configure the CSPs has a dual NIC setup where user is on WiFi and using a Link Local direct connection, the Discovery Tool will be unable to identify the IP address of the CSP. To resolve this, disable the NIC not connected to the network with the CSP or PowerSpace+ device(s).