Overview

These release notes address the notable changes and information about the ControlSpace Designer software release version 5.12.2. Version 5.12.2 is a defect fix release that improves Version 5.12.1 with the following list of 2 defects fixed:

For additional information regarding the ControlSpace Designer software see: https://www.boseprofessional.com/en_us/products/software/signal_processing/controlspace_designer.html#v=controlspace_designer

Updates in ControlSpace Designer software 5.12.2 (Released Dec 2023)

Defects Fixed 5.12.2

1. .CSP design files with bridged channels on PSX/PowerMatch amplifiers may not open in 5.12.1.

2. Communication between the CSD/CSR and the EX-1280/1280C devices across two different VLANs will discontinue after a certain times passed.

Updates in ControlSpace Designer software 5.12.1 (Released Oct 2023)

New Features 5.12.1

1. Dante .dnt files for BK3 devices now come installed in the Dante folder, help file updated to instruct when to use BK2 vs. BK3 for manual updates. BK3 devices ship with the update pre-installed so this is only something we did for troubleshooting/re-loading firmware.

2. lighttpd web server removed from Dante port of EX devices, meaning we no fail IT security scans flagged due to out of date lighttpd web server on Dante ports for EX devices. Audinate OSS disclosures added to C:\Program Files (x86)\Bose\ControlSpace 5.12\bin\LICENSE.txt

3. Dante devices updatable through Dante updater online library

4. BK2 and BK3 devices now both appear in Hardware Manager as '1280C', in previous 5.12 release BK3 devices showed up as 1280C-1.

5. PSX amplifiers in Project View, Adjusted HPF hardware settings guide to always be gray (no default reccomendation), and updated help file on HPF dipswitch usage. It is not reccomended to apply hardware HPF with dipswitch when using a Bose Professional preset that applies a software HPF. Applying 2 HPF (one hardware, one software) changes the sound from the intended Bose Professional EQ sound.

Defects Fixed 5.12.1

3. Parameter Set Lists not functional with CC-XD

4. Blue screen appearing too early when going online in rare cases, before select devices

5. Can't add amplifier SP blocks to Groups, Parameter Sets via context menu

6. In some instances, Logic no longer functional in complex systems

7. In Project View, PM Amps don't show mute ON when the channels are Digital

8. Wires inside the Logic Block are removed by cut and paste of the Logic Block

ControlSpace Remote

This release is compatible with ControlSpace Remote 2.10 and ControlSpace Remote 3.0.

Third-party Control

Please note the available Crestron and AMX files at BoseProfessional.com
Bose EX, ESP, EX-8ML Drivers for use with Crestron Systems, November 2022,
Bose EX Driver for use with AMX, November 2022

Firmware Versions with 5.12.2 release

This release of ControlSpace Designer software requires a firmware update for specific devices to go online. Updated firmware versions are noted with shading in the following table:

Device(s)	Device FW	Dante FW
ESP-880A (Fixed IO Processors) ESP-880/880AD/1240/1240A/1240AD/1600/4120	3.810	3.0.1
EX-12AEC/440C/1280/1280C	2.720	3.0.2
PM4250N/4500N/8250N/8500N	4.010	3.0.1
PSX1204D/2404D/4804D	1.11.0.152	2.1.5
PS404D/604D	1.600	3.0.0
EX-4ML/8ML	2.000	3.0.0
EX-UH	2.000	3.0.0
CC-64	1.120	-
CC-1D/2D/3D	0.914	-
MSA12X	1.054	3.0.0
ESP-00 II (Variable IO Processors)	5.110	3.0.1

Known Issues, Defects and Limitations

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

PSX Amplifiers Settings in Device

1. PSX does not perform impedance load monitoring during phase 1

2. PSX cannot act as RTC/Main device during phase 1

3. PSX cannot allow parameter sets, CC-xD, CSR controls to dynamically control the amplifier when the PC is offline during Phase 1

4. PSX cannot use timers

5. PSX Power-On state is always 'restore last settings' and this cannot be toggled off

6. All inputs wake up PSX from standby and you cannot limit it to less inputs

PSX Amplifiers Signal Processing

7. PSX amplifier's limiter behaves differently than PowerMatch or PowershareD, therefor custom limiter presets have been loaded in the Bose Professional Loudspeaker EQ preset files bank that come with CSD 5.12 and CSD 5.12.1. They are different values then PowerMatch or PowerShareD amplifiers.

ControlSpace Remote

8. When using ControlSpace Remote 2.10, if there is a if PSX is in the design - Groups, PSETS, PSET Lists and RC Groups are not displayed in Builder. Previously defined programming still works. ControlSpace Remote 3.0 corrects this issue.

Minimum System Requirements

The following are the minimum system requirements for using ControlSpace Designer software:

- Microsoft Windows 10 version 2004 or later

- 1 GHz processor (or better)

- 512 MB of available RAM (1 GB recommended)

- 512 MB of available disk space

- Minimum resolution of 1366x768 WXGA

- 1 available USB port

- 1 available Ethernet port, 100 Mbps minimum, (1 Gbps recommended)

- ControlSpace Designer also requires the Microsoft® Visual C++ 2019 runtime library. If required, this will be installed automatically as part of the ControlSpace Designer installation.

Notes:

1. Microsoft Windows XP, 8, and 8.1 are no longer officially supported.