



Overview

These release notes address the notable changes and information about the ControlSpace Designer software release version 5.14.1. Version 5.14.1 is a maintenance release that improves Version 5.14 with the following list of new features, changes, and defect fixes.

For additional information regarding 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 5.14.1 (Released December 2024)

New Features 5.14.1

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

Changes

1. Updated device firmware:
 - a EX (EX-12AEC/440C/1280/1280C)
 - b ESP (ESP-880/880A/880AD/1240/1240A/1240AD/1600/4120)
2. Updated Dante firmware:
 - a EX-8ML (BK3): 4.1.0
 - b EX-12AEC (BK3): 4.1.0
 - c EX-440C (BK3): 4.1.0
 - d EX-1280 (BK3): 4.1.0
 - e EX-1280C (BK3): 4.1.0
 - f PowerMatch (BK3): 4.1.0
3. Added a new help file topic: Internet Access Requirements (ControlSpace Cloud).
4. ControlSpace Serial Control Protocol updated for v5.14.1.
5. EX processors do not require a full reboot after receiving a DHCP address.
6. EX processors now display “-” if Dante network mode is unknown.
7. PowerShare-D parameters can no longer be associated with CC-16 or CC-64 controls.

Defect Fixes

1. Resolved an issue for PowerShareX amplifiers where the “Gateway” field displays as red in “New Network Settings.”

2. Resolved an issue for CC-xD controllers that resulted in device labels not auto-incrementing when duplicated in the project view.
3. Resolved an issue that caused PowerMatch firmware updates to fail.
4. Resolved an issue copying and pasting parameters between MSA12X devices

ControlSpace Remote

This release is compatible with ControlSpace Remote 3.0.8

Third-party Control available for download at [BoseProfessional.com](https://www.boseprofessional.com)

Documents

1. [Serial Control Protocol 5.14](#) is a communication mechanism for Bose Professional ControlSpace products to interface with third-party control systems.
2. PSX Amplifier: UDP Protocol document using UDP binary command language
[PSX Amplifiers UDP Control](#)

Plugins

3. Crestron and AMX files
[Crestron EX Series v3.2](#) (Also works for ESP-880A)
[Crestron EX-8ML v1.0](#)

[Drivers for use with AMX systems, 1.0.12 \(November 2022\)](#)
4. Q-SYS plugins
PSX Amplifiers: [PSX Amplifiers_Q-SYS_v1.03](#)

Firmware Versions included with the 5.14.1 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	4.007	v3.0.1
EX-12AEC/440C/1280/1280C	3.007	(BK2) v3.0.3, (BK3) v4.1.0
PM4250N/4500N/8250N/8500N	4.012	(BK2) v3.0.1 (BK3) v4.1.0
PSX1204D/2404D/4804D	1.12.0.102	v2.1.5
PS404D/604D	1.721	v3.000



EX-4ML	2.020	v3.000
EX-8ML	2.020	(BK2) v3.0.0, (BK3) v4.1.0
EX-UH	2.020	v3.0.0
CC-64	1.120	-
CC-1D/2D/3D	0.914	-
MSA12X	1.060	v3.0.0
ESP-00 II (Variable IO Processors)	5.110	v3.0.1

*Dante FW version appearance within ControlSpace Designer has been updated from v3.000_build3 to v3.0.1 format, but these are not new firmware files

Known Issues, Defects, and Limitations

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 operation:

PSX Amplifiers Settings in Device

1. PSX cannot act as RTC/Main device
2. PSX cannot allow parameter sets, CC-xD, CSR controls to dynamically control the amplifier when the PC is offline
3. PSX cannot use timers
4. PSX Power-On state is always 'restore last settings' and this cannot be toggled off
5. All inputs wake up PSX from standby and you cannot limit it to fewer inputs

PSX Amplifiers Signal Processing

6. PSX amplifier's limiter behaves differently than PowerMatch or PowershareD, therefore custom limiter presets have been loaded in the Bose Professional Loudspeaker EQ preset files bank that comes with CSD. They contain different values than PowerMatch or PowerShareD amplifiers.

ControlSpace Cloud

7. In rare cases, you may need to reboot an EX processor after configuring a DHCP address for telemetry information to be sent to the cloud server.



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, 7, 8, and 8.1 are no longer officially supported.