

ControlSpace® Designer™ software 5.8.2

March 23, 2020

Revision: 1.0

Release Notes

This release of ControlSpace Designer and firmware adds the following functionality:

1. Integrated support for Sennheiser TeamConnect Ceiling 2 Microphone.
2. Added a new feature: Label propagation. Please see help file for full details on using this feature.
3. Support for FS2C, FS2SE, FS2P, FS4CE, and FS4SE Loudspeakers.
4. EQs for FS2 that support EN54-24 VA.
5. Added Bose Portable Speakers to the Device List (S1 Pro, L1 Compact, L1 Model 1S, L1 Model II).
6. Added GPI volume control to PowerShare-D.
7. Updated the MSA12X Dante Firmware to v4.1.2.1
8. CSD property panel for logic gates was reduced to show only those properties that the user is able to modify.
9. Users can now control PS404D and PS604D properties using the GPI of an ESP or EX Processor.
10. User can now mute an entire input or output in the matrix mixer.
11. Improved error messages throughout the application.
12. Externally changed Dante channel names (i.e. Dante Controller) can be loaded in CSD.
13. User is now visually informed when online if a device disconnects or reconnects to CSD.
14. Increased the number of serial output strings to 200.

This release of ControlSpace Designer and firmware fixes various issues including:

General Issues

1. The polarity of PowerMatch outputs in Quad mode was incorrectly loaded in CSD 5.5.1 – CSD 5.7.2.
2. Improved copy/paste of signal processing blocks between DSP and EX devices of the same product line.
3. When a user changes the IP mode of a device in Hardware Manager, they now receive a pop-up indicating that the action has succeeded.
4. Hardware Manager sometimes didn't display correct FW version after update via USB.
5. Users were unable to upload design when CC-xD is in design but not on the network.
6. SmartBass Configuration Wizard could hide behind the app if Help was open.
7. Serial commands sent in rapid succession to increment gain levels were not always being applied properly
8. CSD was not properly displaying PowerShare-D current and latest Dante firmware versions.
9. When you undo the deletion of a DSP in the Project View, the SP blocks were not restored.
10. Added check to prevent connecting the output of a StRC to the input of another StRC which would create an audio loop.

11. Added check to prevent connecting the output of a CRR block to the input of another CRR block which would create an audio loop.
12. Speaker PEQ preset name sometimes displayed as blank after retrieving a project.
13. PowerMatch devices now power up properly to the “based on the Power On State” set in CSD.
14. Paste parameters on a PEQ block was creating extra bands.
15. USB In / Out was not properly syncing channels 1&2 when value set to negative infinity.
16. Groups in PowerMatch sometimes would stop working after power cycle.
17. Error during device scan could cause signal processing blocks to move.
18. SmartBass help button opened incorrect location in help file.
19. User is now warned of uncalibrated SmartBass or DynamicEQ when going online.
20. SmartBass and DynamicEQ blocks show warning indicator on block to indicate they have not been calibrated.
21. CSD latest Dante version is now being properly displayed in HWM.
22. Updated Hardware Manager to show FW update progress directly in the device list.
23. User is now informed on the front panel if the EQ update failed for PowerMatch.
24. All device view icons now have transparent backgrounds.
25. Design file created in version CSD 4.4.2 and below were unable to be opened in version CSD 5.6.2 and above.

UTBs & 3rd Party Devices

1. When a computer was connected to an EX-UH (USB) to make a TEAMS call, the microphone was not audible on the far-end, when using the USB input and USB output of the Dante blocks in CSD. Only when connecting the microphone to the "2 unused" output was the microphone audible.
2. CSD Room Combine Control Panel didn't always match what was being set by 3rd party control devices.
3. Updating the FW on an EX-4ML, EX-8ML, and EX-UH would intermittently fail.
4. EX-4ML could get into unresponsive mode after FW upgrade.
5. Dante version for EP40-D, EP22-D and WP22B/U were not shown properly in HW.
6. Shure MXW and ULXD logic are now consistent with the MXA.]
7. SOIP GL Command was not working for USB module.

Controllers

1. CSD now only allows setting of maximum and minimum limits that are a multiple of the step size for CC-64 and CC-16.
2. The locking/unlocking of a CC-64 controlling a PowerMatch was not working correctly.
3. Fixed an issue preventing Parameter Sets from being added to CC-16 / CC-64 in CSD 5.7

Legacy Devices

1. Fixed I/O ESPs now resets to factory defaults if it encounters and unrecoverable error.
2. Fixed an issue that was preventing legacy design files from being opened.

Firmware

Firmware included in this release:

	FW	Dante FW	Notes
EX-12AEC, EX-440C, EX-1280/C	2.290	2.0.0	
EX-UH	1.002	2.0.0	
EX-4ML	1.000	2.0.0	
EX-8ML	1.000	2.0.0	
Fixed IO ESP	3.460	2.0.0	With DNC-R32
ESP-00	4.950	2.0.0	With DNC-E
PowerMatch	3.660	2.0.0	With DNC-P
PowerShare-D	1.410	2.0.0	
CC-64	1.120		
CC-1D/2D/3D	0.840		
EP22D/40D, WP22B/BU		4.1.0	
MSA12X	1.041	2.1.0	

New (this release)

No change from previous release

CSR

Version 2.8+ Builder and app are required.

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.

General Issues

1. CSD can encounter various issues if a Commercial Sound Processor (CSP) or PowerSpace+ is plugged into the same network. Disconnecting the device resolves the issues.
2. If a USB Input Module is not wired to an Output Module, that Module will not show Metering data.

CSD Logic Blocks

1. Assigning a Logic Action from an ESP-00 to a Trigger on an EX-1280 will result in an error.
2. The states of Logic Connectors within the Logic Wiring View may sometimes show the incorrect state. This does not affect the functionality.
3. Pulse Logic does not function when used with OR logic while CSD is online.
4. If you connect the logic out of a USB to a Parameter Set Recall block, when you go online, the connection disappears.
5. PSet is not recalled via PSetRecall block if the PSet selection within the PSetRecall block is changed after the PSetRecall block has been wired and when wired from the PSetRecall block to another block.
6. If a PSet contains parameters across multiple devices and is recalled from a PSetRecall block on a non-RTC, the PSet is not recalled on non-RTC devices. The PSet is recalled on all devices when the PSet recall is triggered by GPI, CC-16, CC-64, or SoIP.
7. The logic out of the meter block never changes color although it triggers correctly.

Under Table Boxes

1. The EX-8ML may boot up with a Link Local address upon first use, rather than DHCP. Rebooting the device will then revert the address to DHCP.
2. EX UTB, when programmed in DHCP mode, may be shown as “Static” in CSD Hardware Manager.

Telephone Call Functionality

1. PSTN and VoIP Ring and Voice Levels are not being properly set. There is no difference in audible level between 0 dB and +10 dB.

ControlSpace Remote

1. It is not possible to end a VoIP call with CSR when the Far End is in a “Hold” state.

3rd Party Mics

1. The “Load Preset” function for the SHURE-MXA910 Mic Control Panel is not functioning correctly in ControlSpace Designer.

Other Issues

1. When programming Selectors, Gains, Analog Inputs/Outputs for GPI digital, they may not function when using EX-1280C with Legacy devices.
2. If performing Firmware Updates on multiple EX-1280Cs, the Front Panel display may go to "sleep", and the "Updating Firmware" message may not be seen.
3. A CC-16 mapped to a selector may continue to show (*) after the selection is made.
4. PowerMatch will not alert the user to a Digital Audio loss (Dante, AmpLink, ESPLink, CobraNet or other Digital Audio Sources).
5. A parameter set recall that changes membership in a group does not change group membership when recalled on a PowerShare-D. It will set the group master level/mute for the members of the original group.

Legacy Devices

1. Grouped Levels do not change via Serial command if the Group is Muted.
2. If a PSet contains parameters across multiple devices, the PSet is not recalled on devices not containing the PSetRecall block if triggered by a SP module. The PSet is recalled on all devices when the PSet recall is triggered by GPI, CC-16, CC-64, or SoIP.