ControlSpace® Designer™ software 5.7

October 24, 2019

Revision: 1.1

Release Notes

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

1. Support for DesignMax loudspeakers: DM2C-LP, DM2S, DM3C, DM3SE, DM5C, DM5SE, DM6C, DM6SE, DM8C, DM8SE, DM8C-Sub, DM10S-Sub.

2. SmartBass signal processing block for DesignMax loudspeakers which expands performance and response at any listening level.

3. DynamicEQ signal processing block for non-DesignMax loudspeakers which expands performance at low and moderate listening levels.

4. Firmware updates are now performed in parallel drastically reducing the time it takes to update systems with a large number of devices.

5. Dante Properties has been removed from CSD. Users are now directed to use Dante Controller.

6. PS404D/PS604D limiters can now be added to a link group.

7. PS404D/PS604D group master fader level and/or mute can be assigned to a PSet.

8. Added Dante GA/SA details to SoIP document.

9. Added FreeSpace ZA 2120-HZA, FreeSpace ZA 2120-LZA, PS404A, PS604A amplifiers to Devices in Project View.

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

General Issues

1. The main PowerShare-D amplifier was not being kept in sync with group changes made by other PowerShare-D amplfiers.

2. IZA/ZA 2120 HZ now has the proper number of outputs in Device View.

3. After changing IP address of an ESP00-II and clicking on Update the device was not automatically rebooting. To get the new IP address the user had to manually reboot the ESP00-II.

4. Fixed an issue where opening "VoIP Dialer" could crash CSD.

CSD I/O Issues

1. CSD now prompts users when it is about to overwrite the Serial Out bindings during the file load.

Parameter Sets

1. When copying and pasting a parameter set list (PSetList) from one Parameter set to another, ControlSpace Designer crashed.

2. CSD design file could become corrupted if you had both a PSetList stored in a Parameter Set, and any CRR block in a processor.

MSA12X

1. MSA12X sometimes incorrectly set level gains and delays to 0 on slave module channels.

2. Frequently the array would stop responding to CSD messages and CSD would report a communications error (1303) in the MSA12X window and show a yellow health indicator. The array would have to be power cycled to start responding again.

Controllers (CC-xD, CC-16, CC-64)

1. CC-xD properties window now displays the firmware version.

2. CC-16/CC-64 sometimes displayed incorrect label for BGM selector of StRC.

3. Reordering the ParameterSets in the tree view of a CC-xD did not change the ParameterSet bindings to the selector buttons.

4. CC-xD was not retaining saved names.

5. When an input block channel was added to a CC and afterwards this input was removed by changing the channel count, it was not removed from the CC. This was causing the CSD file to become corrupted and unable to be reopened.

6. CC-xD min/max gain value could revert to defaults after uploading design file.

7. When you create a design which includes CC-xD and the CC-xD is not on the network, the "Continue" button was greyed out and you cannot upload the design.

Logic

1. Fixed issue where EX-1280C USB Logic out was not functioning through a multi-chassis logic route.

Conference Room Router/Combiner

1. Fixed bug that prevented some project files from loading. The affected files contained certain types of CRR room configurations.

Under Table Boxes

1. EX-4ML was not properly creating Dante Audio Routes.

2. EX-UH was not always properly creating subscriptions when used with EX-1280C.

Firmware

Firmware included in this release:

	FW	Dante FW	Notes
EX-12AEC, EX-440C, EX-1280/C	2.140	2.0.0	
EX-UH	1.002	1.0.7	
EX-4ML	1.000	1.0.4	
EX-8ML	1.000	2.0.0	
Fixed IO ESP	3.340	2.0.0	With DNC-R32
ESP-00	4.820	2.0.0	With DNC-E
PowerMatch	3.530	2.0.0	With DNC-P
PowerShare	1.310	1.0.3	
CC-64	1.120		
CC-1D/2D/3D	0.826		
EP22D/40D, WP22B/BU		4.1.0	
MSA12X	1.041	1.0.0	

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. PowerMatch update can fail when going from PowerMatch firmware version 2.x to CSD 5.6.2+. If during the update the PM turns off, power down the PM, wait until the Error LED is no longer illuminated (or wait 1 minute) and powerup the PM again. This issue is caused by the Windows region/language settings.

    a. Workaround:

        i. Set the Windows Regional Format settings to "English (United States)" and restart Windows

        ii. Start the PM in Recovery mode (press/hold button 1-3-5 during boot up)

        iii. First update to CSD 5.4 followed by updating to CSD 5.7

2. PowerShare firmware update can fail

    a. Workaround:

        i. Set the Windows Regional Format settings to "English (United States)" and restart Windows

        ii. Update PowerShare firmware from CSD

3. If a USB Input Module is not wired to an Output Module, that Module will not show Metering data.

Controllers (CC-xD, CC-16, CC-64)

1. CSD will not allow users to go online while they have CSP mode CC-xD devices scanned from their network in their projects.

    a. Workarounds:

        i. Save and reload the design

        ii. Delete the CSP mode CC-xD device Blocks from the project. This workaround is only useful when the CC-xD is not heavily integrated with property bindings and ParameterSet settings.

        iii. Alternatively, user can just update the CC-xD mode to be CSN.

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.

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).

Legacy Devices

1. Grouped Levels do not change via Serial command if the Group is Muted.