ControlSpace® Designer™ software 5.0.3

May 25, 2018

Revision: 1.1

General

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

1. Support for setting the gateway addresses in EX-1280C

2. EX-1280C and EX-USB now work correctly with Logitech Smart Dock via USB

Note: the above two EX-1280C fixes require the latest firmware running from SD card. EX-1280C's with SD card will show Kernel: 1.160 – 23 May 2018 on the Version Info screen (and include a green dot on the back panel.)

3. GPIO-II volume control now go to infinity

4. Support for 38400 baud serial rate

5. Issue with PM USB converting to PM Network after file close

6. Issue with fixed IO ESP with static IP and CC-64 in the design

7. Incorrect input module text height in Japanese OS

8. Communication error with only a fixed IO ESP.

9. MSA12X firmware update issues

This release also contains the following additions:

1. New ShowMatch EQs

2. Ability to restore to factory default from front panel display

Firmware

Firmware included in this release:

	FW	Dante FW	Notes
EX-1280C	1.160	1.0.12	
EX-UH	1.002	1.0.7	
EX-4ML	1.000	1.0.4	
EX-8ML	1.000	1.0.3	
Fixed IO ESP	2.120	1.5.0	With DNC-R32
ESP-00	4.630	1.5.0	With DNC-E
PowerMatch	2.140	1.5.0	With DNC-P
CC-64	1.120		
EP22D/40D, WP22B/BU		3.0.0	
MSA12X	1.039	1.0.0	

New (this release)

No change from previous release

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. After a design upload, the GPO on the EX-4ML/8ML may be unresponsive. Power cycling the device will fix this condition.
2. CSD does not allow grouping of more than 32 single-channel Dante Output channels. Attempting to upload with this programming will result in an error.
3. The USB Input Module will not show metering unless wired to another module
4. Using Parameter Sets to Program Dante Subscriptions does not function with the EX-1280C
5. If an Automatic Echo Cancelling Module is deleted from CSD, adding a new AEC Module will retain the settings of the deleted Module, rather than setting to default values.
6. 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
7. Some Serial commands may accept values that are out of range. This does not affect performance, as those ranges will not be implemented, but the actual limit will be set
8. Grouped Dante Outputs control from CSD do not function while online.
9. Muting grouped Dante modules while online with CSD (ControlSpace Designer) does not work correctly
10. When uploading a design file to an EX-1280C, if audio is applied to a Meter above its threshold before the upload, the Logic for that channel will not trigger. The audio must be dropped below the threshold and then back to its original level.

MSA12X

1. User may experience audio beeps upon power on. 3 1-khz tone audible beeps indicate driver fault. Units experiencing driver fault may need service. 2 1-khz tone audible beeps indicate preset mismatch and/or module count mismatch. Units experiencing preset or module count mismatch, should use the reset to defaults feature in the advanced window of the MSA12X control panel. Users must then re-create new beam presets for that array.
2. It is recommended to uncheck all driver check boxes and turn off audio check before closing the advanced window, otherwise audio-check may create 1-khz tone during subsequent external audio checks.
3. Do not disconnect Ethernet during audio-check. Doing this may result in 1-khz tone not turning off until power-cycling unit.
4. MSA12X control panel window can become stuck in minimized state. To resolve, close and re-open control panel window.
5. (Best Practice) Users must save beam presets and .CSP files that are in progress before updating MSA12X firmware. Also, users must re-push beam presets after firmware update.
6. (Best Practice) When commissioning system, it is recommended not to set MSA12X in DHCP. Installations should be configured with Static IPs.
7. After going online and returning to offline mode, CSD will display 'disable endpoint control' in the system window, however a connected ESP processor may still have endpoint control.   To correct, disable and re-enable endpoint control. This only effects designers making beam-preset changes from the MSA12X control panel window in software.

Logic Blocks

1. Logic blocks looped back to itself through another block can cause CSD to crash.
2. For some Logic Wiring, vertices cannot be added
3. CSD does not save control points for Logic Wiring
4. CSD does not save wire label colors or backgrounds for logic wiring
5. Settings for "Pulse" Pulse Logic Modules cannot be set while online
6. Assigning a Logic Action from an ESP-00 to a Trigger on an EX-1280 will result in an error

7. The states of Logic Connectors within the Logic Wiring View may sometimes show the incorrect state. This does not affect the functionality
8. "Pulse" Logic may be out of sync on upload and require multiple GPI presses to synchronize the state

Conference Room Router/Room Combine Groups
1. "Undoing" some Conference Room combining actions do not undo the changes correctly
2. Changing the Label of Port in a Conference Room Router will not change the Label in the CRR Matrix view.
3. Changing CRR Output names does not update those changes in the CRR Matrix View
4. Adding a Conference Room Router to an existing Room Combine Group with different audio routes may require completing the Audio Routes manually.

PSTN/Telephone
1. It has been observed that incoming calls to PSTN will not display full caller ID when calling from some countries
2. The Call Timer starts while dialing rather than when the call is Active.
3. 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

Backward Compatibility
1. Fixed I/O ESPs Analog Inputs and Outputs are not set correctly via Timers
2. When assigning PowerMatch Outputs to a GPI Trigger, they are not executing properly when they a triggered by the CC-4
3. Serial commands for PowerMatch Array EQ Module Advanced Parameters are not functional
4. For the ESP-00 II, the indicators for the Gated AMM Control Panel do not display correctly. These Modules function accurately on all other devices.
5. For the ESP-00 II, the Crosspoints of a Standard Mixer cannot be set via Serial Command

ControlSpace Remote (CSR)
1. ControlSpace Remote will show 8 Far End Sources regardless of how many exist in the CSD Design File
2. The "Flash" functionality in CSR works differently that it does in CSD when making Conference Calls. In CSR, the call is immediately dialed, rather than hitting the "Dial" button in CSD.
3. When entering digits via CSR while in an active VoIP call, there will be no audible DTMF tones