**Partner:** Dolby
**Model:** CP-650
**Device Type:** Processor

## GENERAL INFORMATION

| | |
|---|---|
| **SIMPLWINDOWS NAME:** | Dolby CP-650 Version 2 |
| **CATEGORY:** | Processor |
| **VERSION:** | 2.0 |
| **SUMMARY:** | This module controls the Dolby CP-650. |
| **GENERAL NOTES:** | This module provides all of the controls available for the Dolby CP-650. It provides true feedback. |
| **CRESTRON HARDWARE REQUIRED:** | CNXCOM, ST-COM, C2COM |
| **SETUP OF CRESTRON HARDWARE:** | RS232<br>Baud: 9600<br>Parity: None<br>Data Bits: 8<br>Stop Bits: 1 |
| **VENDOR FIRMWARE:** | 1.3.6.0 |
| **VENDOR SETUP:** | None |
| **CABLE DIAGRAM:** | |



CNSP-121

Rx Tx G — 9 Pin Female

Tx Rx G — 9 Pin Male

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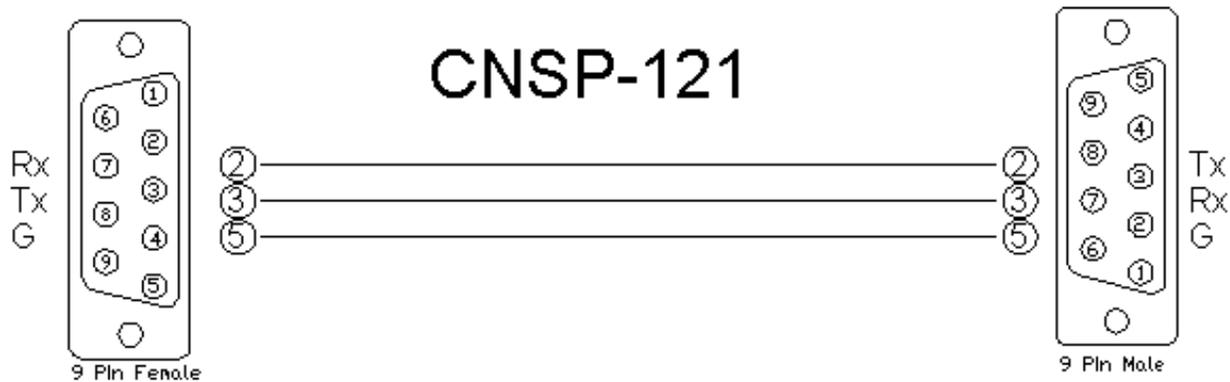
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## CONTROL:

| | | |
|---|---|---|
| Format_* | D | Pulse to select the format. The labels correspond to the buttons on the device. |
| Fader_* | D | Pulse to select the active fader. The volume level for the selected fader will be requested from the CP-650 after the fader has been selected. |
| Volume_* | D | Press and hold to adjust the level for the active fader. |
| Volume_Mute_* | D | Pulse to turn the volume mute on and off. |
| From_Device$ | S | Serial signal to be routed from a 2-way serial com port. |

## FEEDBACK:

| | | |
|---|---|---|
| Format_*_Fb | D | High to indicate the currently selected format. |
| Fader_*_Fb | D | High to indicate which fader is the active fader. |
| Volume_Bar | A | Analog signal representing the level of the active fader. To be displayed on a touch panel bar graph. |
| Volume_Level_Fb | A | Analog signal representing the level of the active fader. This will be the same as the display on the front of the Dolby CP-650. To be displayed on a digital gauge on a touch panel. There should be one decimal point. i.e. 9.9 |
| Volume_Mute_*_Fb | D | High to indicate the current state of the volume mute. |
| To_Device$ | S | Serial signal to be routed to a 2-way serial com port. |

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## TESTING:

| | |
|---|---|
| **OPS USED FOR TESTING:** | PRO2: 1.001<br>CNMSX-Pro: 5.12.26x |
| **SIMPL WINDOWS USED FOR TESTING:** | 2.05.20 |
| **SAMPLE PROGRAM:** | Dolby CP-650 Version 2 Demo PRO2<br>Dolby CP-650 Version 2 Demo CNMSX |
| **REVISION HISTORY:** | V. 1.0 – Original release.<br>V. 2.0 – 5-3-2004 – Fixed an issue with volume toggling between two values after a change. Also fixed an issue with an extra carriage returns being put on each command. |

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