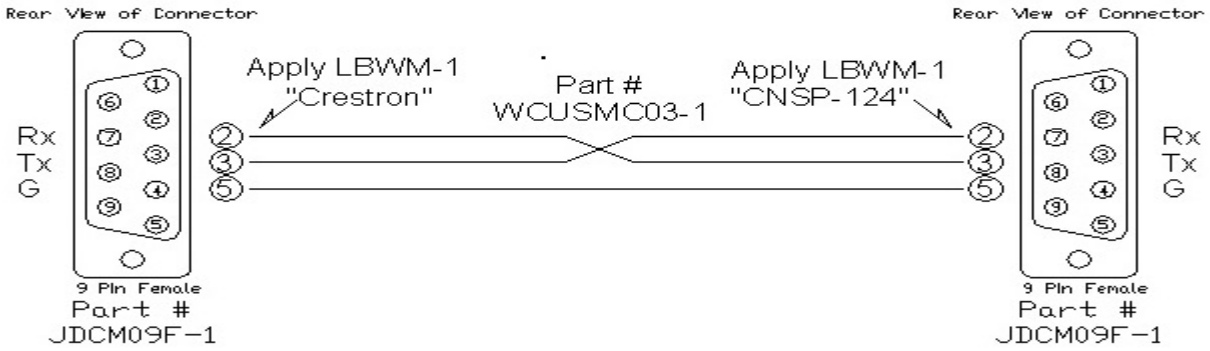
# Partner: Epson
# Model: PowerLite Pro G6650WU
# Device Type: LCD Projector

## GENERAL INFORMATION

| | |
|---|---|
| **SIMPLWINDOWS NAME:** | Epson PowerLite G6650WU v1.0 |
| **CATEGORY:** | TV/Video Projector |
| **VERSION:** | 1.0 |
| **SUMMARY:** | This module will control the Epson PowerLite G6650WU. Functions include Power, Source Select, A/V mute, Aspect Ratio, Freeze, Brightness, Contrast, Color, Tint, Sharpness, Volume and display elapsed Lamp Hour usage.<br>This module was tested with the PowerLite G6650WU. Epson uses the same protocol on most of their projectors. |
| **GENERAL NOTES:** | This module will control the Epson PowerLite Pro G6650WU Projector via RS232. True feedback is provided for power, input sources, a/v mute, freeze, aspect ratio, color mode, and picture settings. |
| **CRESTRON HARDWARE REQUIRED:** | 2-Series Processor w/Ethernet port, 3-Series Processor w/Ethernet port |
| **SETUP OF CRESTRON HARDWARE:** | RS232<br>Baud: 9600<br>Parity: N<br>Data Bits: 8<br>Stop Bits: 1 |
| **VENDOR FIRMWARE:** | v1.0 |
| **VENDOR SETUP:** | N/A |
| **CABLE DIAGRAM:** | CNSP-124 |

## CNSP-124

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## CONTROL:

| | | |
|---|---|---|
| **Power_<On/Off/Toggle>** | D | Pulse to turn projector on or off. |
| **Input_*** | D | Pulse to select the desired source. |
| **A/V Mute_<On/Off/Toggle>** | D | Pulse to turn A/V mute on or off. |
| **Freeze_<On/Off/Toggle>** | D | Pulse to turn freeze function on or off. |
| **Aspect_*** | D | Pulse to select desired aspect ratio. |
| **Color_Mode_*** | D | Pulse to select desired color mode. |
| **Contrast_<Up/Down>** | D | Press to adjust the contrast level. |
| **Brightness_<Up/Down>** | D | Press to adjust the brightness level. |
| **Color_<Up/Down>** | D | Press to adjust the color level. |
| **Tint_<Up/Down>** | D | Press to adjust the tint level. |
| **Sharpness_<Up/Down>** | D | Press to adjust the sharpness level. |
| **Volume_<Up/Down>** | D | Press to adjust the sharpness level. |
| **Auto_Sync** | D | Pulse to trigger the auto sync function. |
| **Poll_Enable** | D | Latch high to enable polling for power status |
| **Poll Settings** | D | Latch high to enable polling for remaining settings |
| **From_Device** | S | Serial signal to be routed from an RS-232C Port |

## FEEDBACK:

| | | |
|---|---|---|
| **Power_Is_<On/Off>** | D | True feedback indicating current power status. |
| **Input_Is_*** | D | True feedback indicating current selected input source. |
| **A/V_Mute_Is_<On/Off>** | D | True feedback indicating current A/V Mute status. |
| **Freeze_Is_<On/Off>** | D | True feedback indicating current freeze status. |
| **Aspect_Is_*** | D | True feedback indicating current aspect ratio. |
| **Color_Mode_Is_*** | D | True feedback indicating color mode setting. |

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| | | |
|---|---|---|
| **Contrast_Gauge** | A | Analog value indicating current contrast level. For gauge on touchpanel. |
| **Brightness_Gauge** | A | Analog value indicating current brightness level. For gauge on touchpanel. |
| **Color_Gauge** | A | Analog value indicating current color level. For gauge on touchpanel. |
| **Tint_Gauge** | A | Analog value indicating current tint level. For gauge on touchpanel. |
| **Sharpness_Gauge** | A | Analog value indicating current sharpness level. For gauge on touchpanel. |
| **Volume_Gauge** | A | Analog value indicating current volume level. For gauge on touchpanel. |
| **Lamp_Hours** | A | Analog value indicating current lamp hours. For digital gauge on touchpanel. |
| **To_Device** | S | Serial data signal to be routed to a 2 way com port. |

## TESTING:

| | |
|---|---|
| **OPS USED FOR TESTING:** | 2 Series: v4.007.0004<br>3 Series: v1.008.0040 |
| **SIMPL WINDOWS USED FOR TESTING:** | 4.02.20.00 |
| **DEVICE DB USED FOR TESTING:** | 52.00.007.00 |
| **CRES DB USED FOR TESTING:** | 42.00.004.00 |
| **SYMBOL LIBRARY USED FOR TESTING:** | 508 |
| **SAMPLE PROGRAM:** | Epson PowerLite Pro G6650WU v1.0 Demo PRO2.smw<br>Epson PowerLite Pro G6650WU v1.0 Demo CP3.smw |
| **REVISION HISTORY:** | v1.0 – Original release. |

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