# Certified Module

**Partner: Canon**
**Model: LV-7490**
**Device Type: Data Projector**

## GENERAL INFORMATION

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|---|---|
| **SIMPLWINDOWS NAME** | Canon LV-7490 Serial v1.0 |
| **CATEGORY** | Data Projector |
| **VERSION** | 1.0 |
| **SUMMARY** | This module provides control and true feedback for the Canon LV-7490 data projector. |
| **GENERAL NOTES** | You must issue a POLL before various Toggle presses (eg. Power, Mute) will function. Failure to initialize system states will result in initial Toggle presses performing a POLL rather than toggling desired function. |
| **CRESTRON HARDWARE REQUIRED** | C2COM-2/3, C2COMI, ST-COM |
| **SETUP OF CRESTRON HARDWARE** | RS232<br>Baud: 19200<br>Parity: None<br>Data Bits: 8<br>Stop Bits: 1 |
| **CABLE DIAGRAM** | CNSP-124 |
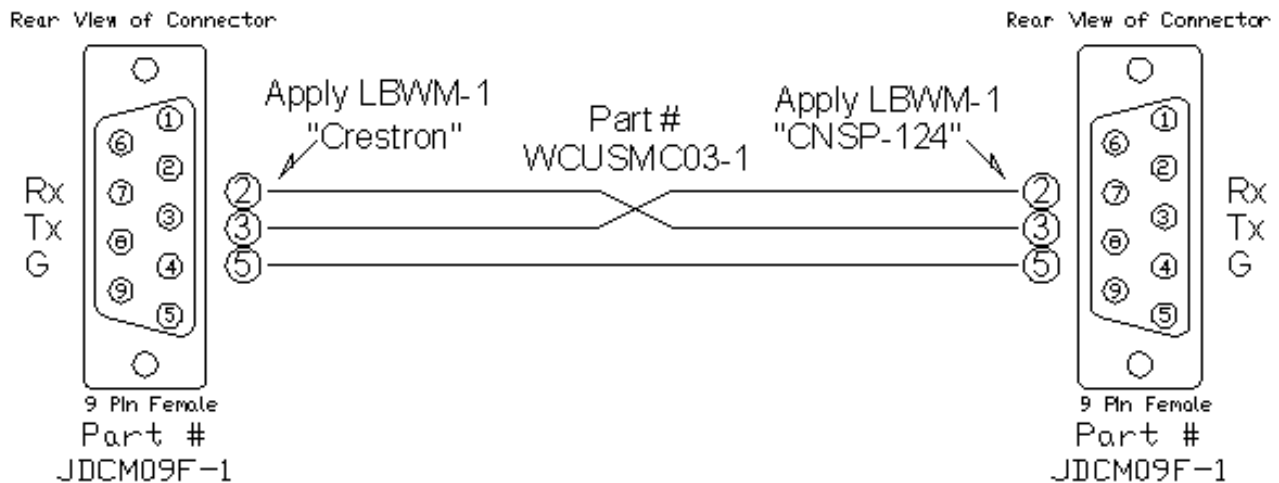
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## CONTROL

| | | |
|---|---|---|
| **Poll** | D | Pulse to poll for current system states. |
| **Power_*** | D | Pulse to perform corresponding power function.<br><br>**NOTE:** If current power state is not initialized beforehand (via POLL), first Toggle press will issue a POLL. Subsequent press will toggle power state. |
| **Input_*** | D | Pulse to switch to corresponding input. |
| **Source_*** | D | Pulse to set current input to corresponding source. |
| **Menu_*** | D | Pulse to perform corresponding menu function. |
| **OSD_*** | D | Pulse to perform corresponding OSD action. |
| **Screen_Mode_*** | D | Pulse to switch to corresponding screen mode. |
| **Volume_*** | D | Pulse to perform corresponding volume function. |
| **Mute_*** | D | Pulse to perform corresponding mute function.<br><br>**NOTE:** If current mute state is not initialized beforehand (via POLL), first Toggle press will issue a POLL. Subsequent press will toggle mute state. |
| **From_Device** | S | Serial signal to be routed from a 2-way serial com port. |

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## FEEDBACK

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|---|---|---|
| **Poll_Is_Busy** | D | High to indicate that polling is currently in progress. |
| **Status_Text** | S | Serial signal containing the current unit status. |
| **Filter_Hours_Analog** | A | Analog signal indicating the total filter hours. |
| **Lamp_Hours_Analog** | A | Analog signal indicating the total lamp hours. |
| **Power_Is_*** | D | High to indicate the current power state. |
| **Input_Is_*** | D | High to indicate currently selected input. |
| **Source_Is_*** | D | High to indicate the selected source of the current input. |
| **Screen_Mode_Is_*** | D | High to indicate the currently selected screen mode. |
| **Volume_Level_Gauge** | A | Analog signal indicating the current volume level. |
| **Mute_*** | D | High to indicate the currently mute state. |
| **To_Device** | S | Serial signal to be routed to a 2-way serial com port. |

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## TESTING

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|---|---|
| **OPS USED FOR TESTING** | v4.003.0015 |
| **SIMPL WINDOWS USED FOR TESTING** | v3.01.24 |
| **CRESTRON DATABASE USED FOR TESTING** | v25.05.014.00 |
| **DEVICE DATABASE USED FOR TESTING** | v33.05.007.00 |
| **SAMPLE PROGRAM** | Canon LV-7490 Serial v1.0 Demo PRO2.smw |
| **REVISION HISTORY** | V1.0 – Initial release. |