

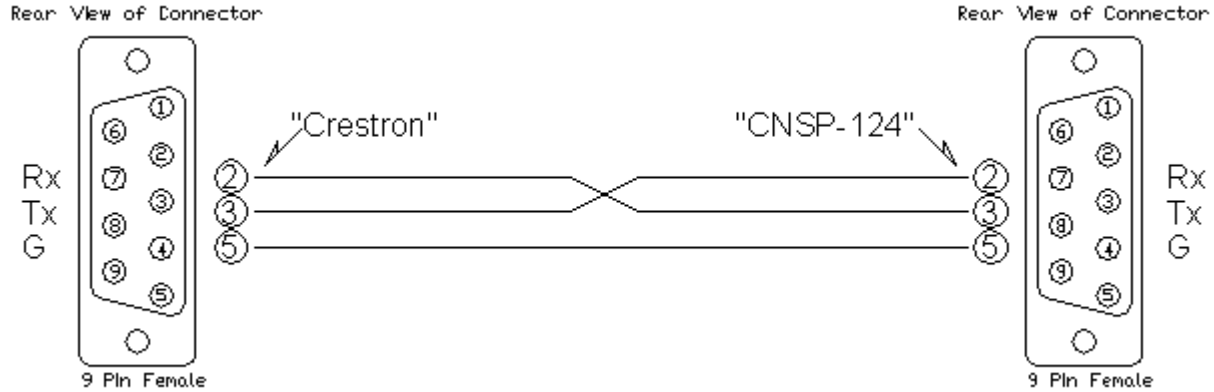
Partner: Epson
Model: PowerLite Pro Cinema 7500 UB
Device Type: TV/Video Projector



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Epson PowerLite Pro Cinema 7500 UB Full Control v1.0
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	Controls the PowerLite Pro Cinema 7500 UB video projector.
GENERAL NOTES:	<p>This module will control the Epson PowerLite Pro Cinema 7500 UB video projector. It uses the Epson ASCII protocol.</p> <p>It allows control of power, input selections, and A/V mute functions. In addition, it will poll the projector for 1 minute after an input selection or picture mute command is sent. If it is desired to poll the projector beyond this one-minute time, you can assert the Poll_Enable input.</p> <p>This module provides feedback for warming up but not cooling down. That is because the projector cools down so quickly that there is no need for it.</p> <p>NOTE: The Initialize input needs to be pulsed to start communications. This should be done after a power loss, after a program reload, or when the RS232 cable to the projector is disconnected and reconnected.</p>
CRESTRON HARDWARE REQUIRED:	CNXCOM-6, CNXCOM-2, ST-COM, C2I-COM6, C2COM-2/3
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: N Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	None
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-124

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CONTROL:

Power_On/Off/Toggle	D	Pulse to turn the projector on or off.
Input_*	D	Pulse to select the desired input.
AV_Mute_On/Off/Toggle	D	Pulse to adjust the projector video mute.
Brightness_Up/Down	D	Press and hold to adjust the brightness.
Contrast_Up/Down	D	Press and hold to adjust the contrast.
Color_Up/Down	D	Press and hold to adjust the color.
Tint_Up/Down	D	Press and hold to adjust the tint.
Sharpness_Up/Down	D	Press and hold to adjust the sharpness.
Poll_Enable	D	If held high, the projector will be polled every 15 seconds. If held low, the projector will be polled every 5 seconds only after an input select or an AV mute press.
Initialize	D	Pulse to start communications with the projector.
From_Device	S	Serial signal to be routed from a 2-way RS232 port.

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**FEEDBACK:**

Power_is_On/Off	D	High to indicate the state of the power.
Projector_is_Warming_Up	D	High to indicate that the projector is warming up.
Input_is_*	D	High to indicate the current source.
AV_Mute_is_On/Off	D	High to indicate the current av mute state.
Brightness_Bar	A	Analog level of the brightness to be displayed on a bar graph.
Contrast_Bar	A	Analog level of the contrast to be displayed on a bar graph.
Color_Bar	A	Analog level of the color to be displayed on a bar graph.
Tint_Bar	A	Analog level of the tint to be displayed on a bar graph.
Sharpness_Bar	A	Analog level of the sharpness to be displayed on a bar graph.
Lamp_Hours	A	Analog signal representing the lamp hours. To be displayed on a digital gauge.
To_Device	S	Serial signal to be routed to a 2 way RS232 port.

TESTING:

OPS USED FOR TESTING:	3.115.1240
SIMPL WINDOWS USED FOR TESTING:	2.10.32
CRES DB USED FOR TESTING:	20.00.015.00
DEVICE DB USED FOR TESTING:	20.02.009.00
SAMPLE PROGRAM:	Epson PowerLite Pro Cinema 7500 UB v1.0 Demo
REVISION HISTORY:	V. 1.0