

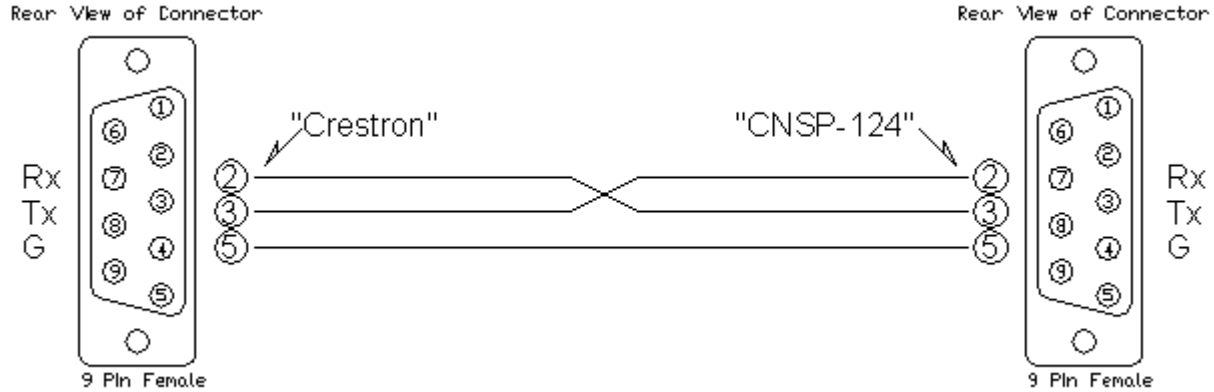
Partner: Epson
Model: G5150NL + G5200WNL + G5350NL
Device Type: TV/Video Projector



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Epson PowerLite Pro G5150NL + G5200WNL + G5350NL Full Control
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	Controls the G5150NL, G5200WNL and G5350NL video projectors.
GENERAL NOTES:	<p>This macro will control the Epson PowerLite Pro G5150NL, G5200WNL and G5350NL video projectors. It uses the Epson ASCII protocol. This was tested with the G5350NL but it should work with the G5150NL and G5200WNL as well.</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:	CNXC0M-6, CNXC0M-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 and audio 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.
Closed_Caption_*	D	Pulse to select the desired closed caption setting.
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.
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.
Closed_Caption_is_*	D	High to indicate the current closed caption setting.
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:	2.10.25
CRES DB USED FOR TESTING:	19.04.010
SYMBOL LIBRARY USED FOR TESTING:	554
SAMPLE PROGRAM:	Epson PowerLite Pro G5150NL + G5200WNL + G5350NL Demo
REVISION HISTORY:	V. 1.0