

Partner: Epson
 Model: PowerLite 84
 Device Type: LCD Projector



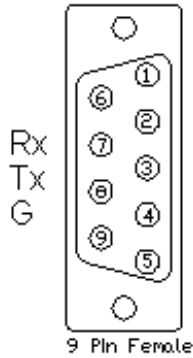
GENERAL INFORMATION

SIMPLWINDOWS NAME:	Epson PowerLite 84 Serial v1.0
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	This module will control via RS-232 Power, Source Select, A/V mute, Aspect, Freeze, Brightness, Contrast, Color, Tint, Sharpness, Volume and elapsed Lamp Hour usage.
GENERAL NOTES:	<p>This module will control the Epson PowerLite 84 Projector. True feedback is provided for power, input sources, a/v mute, freeze, aspect ratio and picture settings. When any command is sent to the projector, it will acknowledge that the command was processed properly and the corresponding feedback will be reflected at the outputs of this module.</p> <p>If it is desired to poll the projector for power state, you can assert the Poll_Enable input. When this input is high, the projector will be polled every 15 seconds to determine the state of power. If it is desired to poll the projector for picture setting changes made using the IR remote control, or by the controls on the projector itself, you can assert the Poll_Settings input. When this input is high, the projector will be polled every 45 seconds to determine the state of input source, picture mute, freeze, aspect ratio, brightness, contrast, sharpness, color, tint, volume and elapsed lamp hours. Typically, you could enable either polling option when the projector's particular control page is active and displayed on a touch panel. You would then disable polling at other times.</p> <p>NOTE: This module depends on feedback from the device. You cannot comment out the From_Device. This module is System Builder compatible.</p>
CRESTRON HARDWARE REQUIRED:	X-Series Processor, CNX-COM2, ST-COM, 2-Series Processor, C2COM3
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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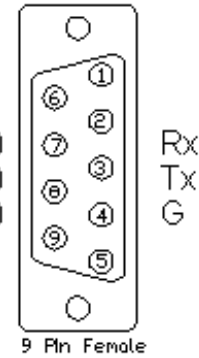


Rear View of Connector



CNSP-124

Rear View of Connector



CONTROL:

Power_On	D	Turn projector on.
Power_Off	D	Turn projector off.
Power_Toggle	D	Turn projector on or off.
Input_Computer_1	D	Selects projector's computer 1 input.
Input_Computer_2	D	Selects projector's computer 2 input.
Input_S-Video	D	Selects projector's s-video input.
Input_Video	D	Selects projector's video input.
Input_USB	D	Selects projector's USB input.
A/V_Mute_On	D	Selects A/V mute on.
A/V_Mute_Off	D	Selects A/V mute off.
A/V_Mute_Toggle	D	Selects A/V mute on or off.
Freeze_On	D	Selects freeze mode on.
Freeze_Off	D	Selects freeze mode off.
Freeze_Toggle	D	Selects freeze mode on or off.
Aspect_*	D	Selects Normal/16:9/4:3 screen aspect ratios.
Contrast_Up/Down	D	Adjusts contrast setting up/down.
Brightness_Up/Down	D	Adjusts brightness setting up/down.

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Color_Up/Down	D	Adjusts color setting up/down.
Tint_Up/Down	D	Adjusts tint setting up/down.
Sharpness_Up/Down	D	Adjusts sharpness setting up/down.
Volume_Up/Down	D	Adjusts volume setting up/down.
Poll_Enable	D	When high, projector will be polled for it's general settings every 15 seconds.
Poll_Settings	D	When high, projector will be polled for it's picture settings every 45 seconds.
From_Device	S	Serial signal to be routed from an RS-232C port

FEEDBACK:

Power_Is_On/Off	D	True feedback indicating current power state.
Input_Is_*	D	True feedback indicating current selected input source.
A/V_Mute_Is_On/Off	D	True feedback indicating current A/V mute state.
Freeze_Is_On/Off	D	True feedback indicating current picture mute state.
Aspect_Is_*	D	True feedback indicating current aspect ratio.
*_Gauge	A	Analog value of picture/volume settings to be sent to a gauge.
Lamp_Hours	A	Decimal value of device's elapsed lamp hour usage.
To_Device	S	Serial data signal to be routed to an RS-232C port.

TESTING:

OPS USED FOR TESTING:	v4.001.1012
SIMPL WINDOWS USED FOR TESTING:	2.11.10
DEVICE DB USED FOR TESTING:	21.05.025.00
CRES DB USED FOR TESTING:	20.06.048.00
SYMBOL LIBRARY USED FOR TESTING:	626
SAMPLE PROGRAM:	Epson PowerLite 84 Serial v1.0 Demo PRO2
REVISION HISTORY:	v1.0

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