

Partner: Epson
Model: PowerLite 1925W
Device Type: LCD Projector



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Epson PowerLite 1925W Ethernet v1.0
CATEGORY:	Video/Data Projector
VERSION:	1.0
SUMMARY:	This module will control via Ethernet Power, Source Select, A/V mute, Aspect, Freeze, Brightness, Contrast, Sharpness, Volume and elapsed Lamp Hour usage.
GENERAL NOTES:	<p>This module will control the Epson PowerLite 1925W 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>
CRESTRON HARDWARE REQUIRED:	C2-ENET, CNX-ENET+
SETUP OF CRESTRON HARDWARE:	TCP/IP Client PORT: 3629
VENDOR FIRMWARE:	None
VENDOR SETUP:	None
CABLE DIAGRAM:	None

CONTROL:

Power_On	D	Turn projector on.
Powerr_Off	D	Turn projector off.
Power_Toggle	D	Turn projector on or off.

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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_HDMI	D	Selects projector's HDMI input
Input_USB_Display	D	Selects projector's USB display input.
Input_USB_1	D	Selects projector's USB 1 input.
Input_USB_2	D	Selects projector's USB 1 input.
Input_LAN	D	Selects projector's LAN 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 / Auto / Full / Zoom / Real screen aspect ratios.
Contrast_Up/Down	D	Adjusts contrast setting up/down.
Brightness_Up/Down	D	Adjusts brightness 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 its general settings every 15 seconds.
Poll_Settings	D	When high, projector will be polled or it's picture settings every 45 seconds.
{{TCP/IP_Client_>>_Connect-F}}	D	Digital Signal to be routed from TCP/IP Client symbol Connect-F.
{{TCP/IP_Client_>>_status}}	A	Analog Signal to be routed from TCP/IP Client symbol status.

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{{TCP/IP_Client_>>_RX\$}}	S	Serial Signal to be routed from TCP/IP Client symbol RX\$.
Port	P	Parameter TCP/IP Port. Default 3629d.
Password	P	Parameter password for TCP/IP.

FEEDBACK:

Power_Is_On/Off	D	High to indicate the 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.
{{Connect_>>_TCP/IP_Client}}	D	Digital Signal to be routed to TCP/IP Client symbol Connect.
{{TX\$_>>_TCP/IP_Client}}	S	Serial Signal to be routed to TCP/IP Client symbol TX\$.

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**TESTING:**

OPS USED FOR TESTING:	v4.001.1012
SIMPL WINDOWS USED FOR TESTING:	2.12.30
CRES DB USED FOR TESTING:	21.03.023.00
DEVICE DATABASE:	26.06.006.00
SYMBOL LIBRARY USED FOR TESTING:	657
SAMPLE PROGRAM:	Epson PowerLite 1925W Ethernet v1.0 Demo
REVISION HISTORY:	v1.0.