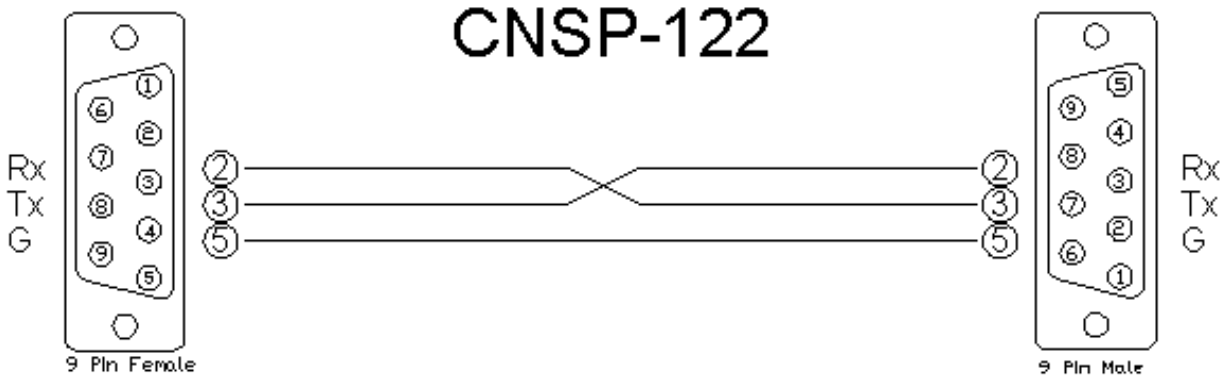


Partner: Sony
 Model: VPL-CX155
 Device Type: Video Projector



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Sony VPL-CX155 v1.0
CATEGORY:	Video/Data Projector
VERSION:	1.0
SUMMARY:	Power, Source Select, Picture Mute, Lamp Mode, Aspect Ratio, Contrast, Brightness, Color, Hue, Sharpness, RGB Enhancer and Elapsed Lamp Hours.
GENERAL NOTES:	This module will control the Sony VPL-CX155 Projector. True feedback is provided for all functions including elapsed lamp hours. 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. Picture settings will only be updated when the appropriate input is selected.
CRESTRON HARDWARE REQUIRED:	C2I-COM6, C2NCOM-2/3, CNX-COM6, CNX-COM2, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 38400 Parity: Even Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-122



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**CONTROL:**

Power_On	D	Turn projector on.
Power_Off	D	Turn projector off.
Power_Toggle	D	Toggles the power state of projector.
Input_YC	D	Selects the projector's S-Video input.
Input_Vid	D	Selects the projector's composite video input.
Input_A	D	Selects the projector's A input.
Input_B	D	Selects the projector's B input.
Input_C	D	Selects the projector's C input.
Lmode_Off	D	Selects the lamp high brightness mode.
Lmode_On	D	Selects the lamp standard brightness mode.
Picture_Mute_On	D	Activate picture mute (blank the screen).
Picture_Mute_Off	D	Deactivate picture mute (un-blank the screen).
Aspect_4-3	D	Selects 4:3 screen aspect ratio.
Aspect_16-9	D	Selects 16:9 screen aspect ratio.
Contrast_Up/Down	D	Adjusts appropriate contrast setting up/down.
Brightness_Up/Down	D	Adjusts appropriate brightness setting up/down.
Color_Up/Down	D	Adjusts appropriate color setting up/down.
Hue_Up/Down	D	Adjusts appropriate hue setting up/down.
Sharpness_Up/Down	D	Adjusts appropriate 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 (Default=1).

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Poll_Settings	D	When high, projector will be polled for it's picture settings and elapsed lamp hours every 45 seconds (Default=1).
From_Device\$	D	Serial signal to be routed from a 2-way serial com port.

FEEDBACK:

Power_On/Off_FB	D	True feedback indicating current power state.
Input_*_FB	D	True feedback indicating current selected input source.
Lmode_On/Off_FB	D	True feedback indicating current lamp mode.
Picture_Mute_On/Off_FB	D	True feedback indicating current picture mute state.
Aspect_4-3/16-9_FB	D	True feedback indicating current aspect ratio.
*_Analog	A	Analog value of picture settings to be sent to bar graph.
Volume_Analog	A	Analog value of the current volume level.
Lamp_Hours	A	Decimal value indicating elapsed lamp hours.
To_Device\$	S	Serial data signal to be routed to a 2-way Com Port.

TESTING:

OPS USED FOR TESTING:	3.155.1240
SIMPL WINDOWS USED FOR TESTING:	2.08.41
CRES DB USED FOR TESTING:	18.8.8
SYMBOL LIBRARY USED FOR TESTING:	487
SAMPLE PROGRAM:	Sony VPL-CX155 v1.0 Demo PRO2
REVISION HISTORY:	V. 1.0