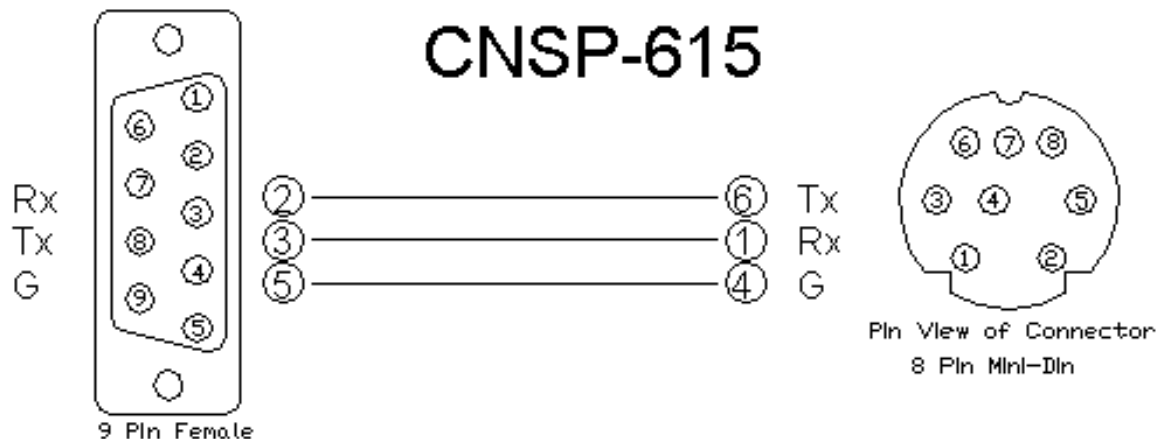


**Partner: Sanyo**  
**Model: PLC-XT20**  
**Device Type: Video Projector**


**GENERAL INFORMATION**

<b>SIMPLWINDOWS NAME:</b>	Sanyo PLC -XT20 V. 1.1
<b>CATEGORY:</b>	Video/Data Projector
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module provides control and true feedback for the Sanyo PLC -XT20 LCD projector.
<b>GENERAL NOTES:</b>	This module provides control for the Sanyo PLC -XT20 LCD projector. It also provides true feedback.
<b>CRESTRON HARDWARE REQUIRED:</b>	C2I-COM6, C2NCOM-2/3, CNX-COM6, CNX-COM2, SY-COM
<b>SETUP OF CRESTRON HARDWARE:</b>	RS232 Baud: 19200 Parity: None Data Bits: 8 Stop Bits: 1
<b>VENDOR FIRMWARE:</b>	N/A
<b>VENDOR SETUP:</b>	None
<b>CABLE DIAGRAM:</b>	CNSP -615

Rear View of Connector



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**CONTROL:**

<b>Power_On/Off/Toggle</b>	D	Pulse to turn the projector on and off.
<b>Input_*</b>	D	Pulse to select the desired input.
<b>Picture_Mute_On/Off/Toggle</b>	D	Pulse to turn the picture mute on and off.
<b>Aspect_Ratio_*</b>	D	Pulse to select the desired aspect ratio.
<b>Volume_Up/Down</b>	D	Press and hold to adjust the volume.
<b>Volume_Mute_On/Off/Toggle</b>	D	Pulse to turn the volume mute on and off.
<b>Image_*</b>	D	Pulse to select the desired image setting.
<b>Freeze_On/Off/Toggle</b>	D	Pulse to turn the freeze on and off.
<b>Zoom_In/Out</b>	D	Press and hold to adjust the zoom.
<b>Keystone_Up/Down</b>	D	Press and hold to adjust the keystone.
<b>Lens_Up/Down/Left/Right</b>	D	Press and hold to adjust the lens shift.
<b>Auto_PC_Adjust</b>	D	Pulse to Auto PC Adjust.
<b>Poll_Enable</b>	D	Hold high to enable polling.
<b>From_Device\$</b>	S	Serial signal to be routed from a 2-way serial com port.

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**FEEDBACK:**

<b>Power_On/Off_Fb</b>	D	High to indicate the current power state.
<b>Warming_Up_Fb</b>	D	High to indicate that the projector is warming up.
<b>Cooling_Down_Fb</b>	D	High to indicate that the projector is cooling down.
<b>Error_*_Fb</b>	D	High to indicate an error.
<b>Input_*_Fb</b>	D	High to indicate the currently selected input.
<b>Picture_Mute_On/Off_Fb</b>	D	High to indicate the current picture mute state.
<b>Aspect_Ratio_*_Fb</b>	D	High to indicate the currently selected aspect ratio.
<b>Volume_Bar</b>	A	Analog signal indicating the current volume level. To be displayed using a bar graph on a touch panel.
<b>Volume_Mute_On/Off_Fb</b>	D	High to indicate the current volume mute state.
<b>Image_*_Fb</b>	D	High to indicate the currently selected image setting.
<b>Freeze_On/Off_Fb</b>	D	High to indicate the current freeze state.
<b>Communicating_Fb</b>	D	High to indicate that the projector is communicating with the Crestron processor.
<b>Lamp_Hours_1</b>	A	Analog value indicating the current lamp hours.
<b>To_Device\$</b>	S	Serial signal to be routed to a 2-way serial com port.

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**TESTING:**

<b>OPS USED FOR TESTING:</b>	PRO2 Cntrl Eng [v3.155.1240 (Feb 12 2007), #7F0056A2] Compiler: v 2.07.22
<b>SIMPL WINDOWS USED FOR TESTING:</b>	2.08.26
<b>CRES DB USED FOR TESTING:</b>	18.6.1
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	454
<b>SAMPLE PROGRAM:</b>	Sanyo PLC-XT20 Demo V. 1.1
<b>REVISION HISTORY:</b>	V. 1.0