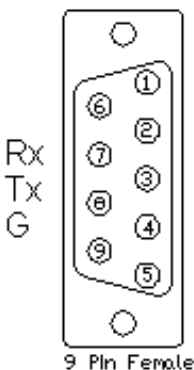


**Partner: Sharp**  
**Model: XG-PH80X-N**  
**Device Type: LCD Projector**


**GENERAL INFORMATION**

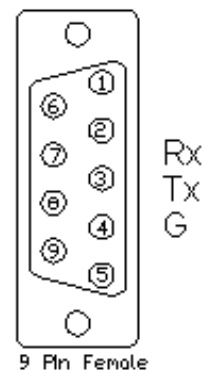
<b>SIMPLWINDOWS NAME:</b>	Sharp XG-PH80X-N v1.0
<b>CATEGORY:</b>	TV/Video Projector
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module controls the Sharp XG-PH80X-N projector via RS-232.
<b>GENERAL NOTES:</b>	<p>This module controls the Sharp XG-PH80X-N projector via RS-232. This module was tested with the Sharp XG-PH80X-N. Sharp uses the same protocol for most of their projectors. This module should also work on the following model:</p> <ul style="list-style-type: none"> <li>XG-PH80W-N</li> </ul> <p>This module is System Builder compatible.</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	C2I-COM, ST-COM, C2-COM-* or CNX-COM2, 2-Series processor, 3-Series processor
<b>SETUP OF CRESTRON HARDWARE:</b>	RS232 Baud:115200 Parity: None Data Bits: 8 Stop Bits: 1
<b>VENDOR FIRMWARE:</b>	Unknown
<b>VENDOR SETUP:</b>	Control
<b>CABLE DIAGRAM:</b>	CNSP-124

Rear View of Connector



# CNSP-124

Rear View of Connector



**Partner: Sharp**  
**Model: XG-PH80X-N**  
**Device Type: LCD Projector**


**CONTROL:**

Power_<On/Off/Toggle>	D	Pulse to turn power on or off.
Source_Computer_*	D	Pulse to select desired source.
Auto_Adjust	D	Pulse to auto adjust computer source.
AV_Mute_<On/Off/Toggle>	D	Pulse to turn a/v mute on or off.
Poll_En	D	Latch high to enable polling of the unit every 30s.
From_Device	D	Serial information from device via a 2-way serial port.

**FEEDBACK:**

Power_Is_<On/Off>	D	Indicates the current power status.
Source_Is_*	D	Indicates the current source.
AV_Mute_Is_<On/Off>	D	Indicates the current a/v mute status.
Lamp_Quantity_Value	D	Indicates the amount of lamps present.
Lamp_1_Is_*	D	Indicates the current lamp 1 status.
Lamp_1_Error_Notice	D	Indicates that an error notice exists for lamp 1.
Lamp_2_Is_*	D	Indicates the current lamp 2 status.
Lamp_2_Error_Notice	D	Indicates that an error notice exists for lamp 2.
Lamp_Is_*	D	Indicates the general lamp status.
Lamp_<1/2>_Hours_Text	D	Indicates the current lamps 1 and 2 hour usage.
Lamp_<1/2>_Percentage_Text	D	Indicates the percentage of life remaining in lamps 1 and 2.
Condition_Is_Normal	D	Indicates that the unit's condition is normal.
Temp_High_Notice	D	Indicates that there is a high temperature notice.
Fan_Error_Notice	D	Indicates that there is a fan error notice.

**Partner: Sharp**  
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Lamp_Unit_Cover_Open_Notice	D	Indicates that the lamp unit cover is open.
Lamp_Life_5%_Or_Less_Notice	D	Indicates that there is a lamp life of 5% or less for one or both lamps.
Lamp_Burn-Out_Notice	D	Indicates that a lamp has burnt out.
Lamp_Ignition_Failure_Notice	D	Indicates that there is a lamp ignition failure.
Temp_Abnormally_High_Notice	D	Indicates that there is a high temperature notice.
To_Device	S	Serial information to device via a 2-way serial port.

### TESTING:

OPS USED FOR TESTING:	v4.003.0015
SIMPL WINDOWS USED FOR TESTING:	3.11.15
DEVICE DB USED FOR TESTING:	43.05.006.00
CRES DB USED FOR TESTING:	32.00.001.00
SYMBOL LIBRARY USED FOR TESTING:	814
SAMPLE PROGRAM:	2-Series: Sharp XG-PH80X-N v1.0 Demo PRO2 3-Series: Sharp XG-PH80X-N v1.0 Demo MC3
REVISION HISTORY:	v1.0 – Initial Release