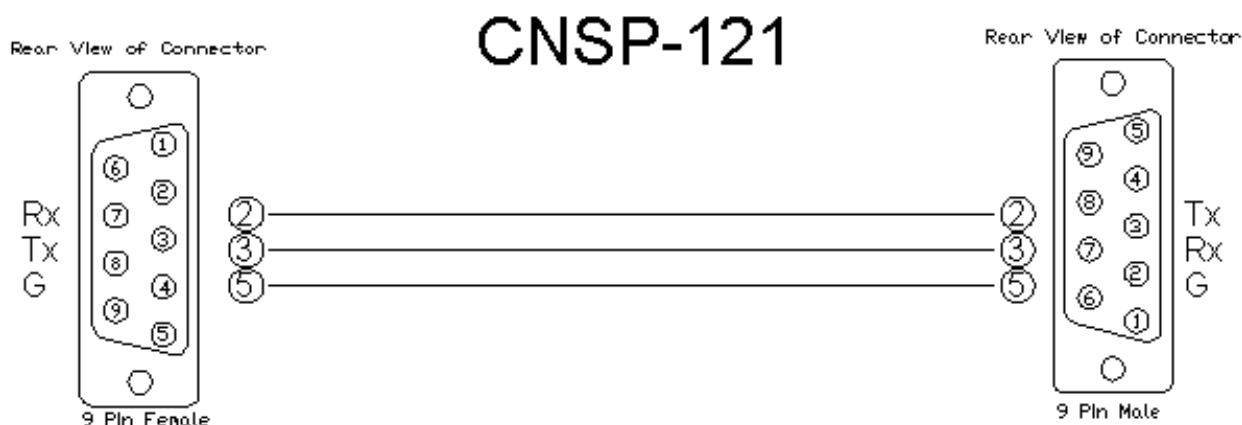


**Partner: Panasonic**  
**Model: PT-AE2000U**  
**Device Type: LCD Projector**



## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	Panasonic PT-AE2000U v1.0
<b>CATEGORY:</b>	TV/Video Projector
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module controls all of the functions of the Panasonic PT-AE2000U projector.
<b>GENERAL NOTES:</b>	<p>This module controls all of the functions of the Panasonic PT-AE2000U projector.</p> <p><b>Note:</b> The projector will not accept any commands for 10 seconds after Power On command is executed. Shutter_Toggle command puts unit into shutter mode. When unit is in shutter mode, all commands are inhibited except power and shuttle toggle. Manufacturer states that rapid sequencing of power on/off and shutter commands can cause lamp and unit malfunction.</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	C2I-COM, ST-COM, C2-COM-* or CNX-COM2
<b>SETUP OF CRESTRON HARDWARE:</b>	<p>RS232</p> <p>Baud: 9600</p> <p>Parity: None</p> <p>Data Bits: 8</p> <p>Stop Bits: 1</p>
<b>VENDOR FIRMWARE:</b>	Unknown
<b>VENDOR SETUP:</b>	None
<b>CABLE DIAGRAM:</b>	CNSP-121



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**CONTROL:**

<b>Polling_On</b>	D	While the signal is held high, the module will poll the device for its current settings, and any remote changes made. This signal is required for accurate real-time feedback.
<b>Power_On/Power_Off</b>	D	Pulse to turn Main Power On/Off. The projector will not accept any commands for 10 seconds after a Power On command is executed.
<b>Input_*</b>	D	Pulse to select desired input
<b>Shutter_Toggle</b>	D	Pulse to toggle the Shutter On/Off
<b>Freeze_*</b>	D	Pulse to turn the Freeze function On/Off
<b>OSD_*</b>	D	Pulse to navigate through the OSD Menus
<b>Aspect_Next</b>	D	Pulse to scroll through the available aspect modes
<b>Mode_Next</b>	D	Pulse to scroll through the available picture modes
<b>Mode*</b>	D	Pulse to go directly to the picture mode desired
<b>From_Device\$</b>	S	Signal tied to the RX of the Rs-232 module connected to the receive side from the Projector for read feedback.

**FEEDBACK:**

<b>Power_*_Fb</b>	D	Feedback indicating the Projector Power Status. If the unit is sent a Power On command while it is still cooling, Power On status will be shown even though it will complete the cooling process before it starts again. But, the command is not ignored as with other projectors.
<b>Input_*_Fb</b>	D	Feedback indicating the current Input.
<b>Shutter_*_Fb</b>	D	Feedback indicating the Shutter On/Off Status
<b>Freeze_*_Fb</b>	D	Feedback indicating the Freeze On/Off Status
<b>Mode_*_Fb</b>	D	Feedback indicating the current Picture Mode
<b>Lamp_Hours</b>	A	Analog value indicating lamp hours to be displayed on touch panel in a digital gauge.
<b>To_Device\$</b>	S	Serial signal to be routed to the TX side of the com port used to control the device

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**TESTING:**

<b>OPS USED FOR TESTING:</b>	3.155_1143
<b>SIMPL WINDOWS USED FOR TESTING:</b>	2.08.44
<b>CRES DB USED FOR TESTING:</b>	18.09.02.001
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	531
<b>SAMPLE PROGRAM:</b>	Panasonic PT-AE2000U v1.0 Demo
<b>REVISION HISTORY:</b>	V 1.0