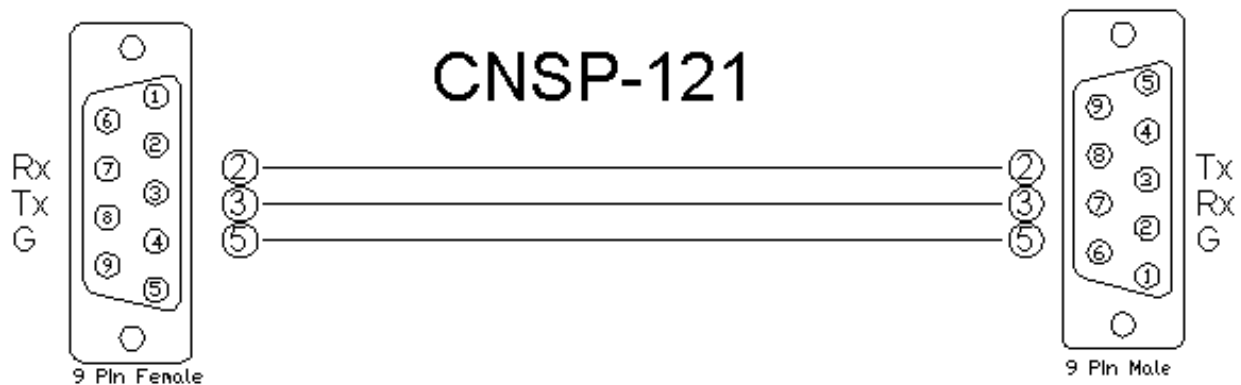


Partner: LG  
 Model: 50PX2DC  
 Device Type: Plasma



**GENERAL INFORMATION**

<b>SIMPLWINDOWS NAME:</b>	LG 50PX2DC
<b>CATEGORY:</b>	TV/Video Projector
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	Controls the LG 50PX2DC Plasma.
<b>GENERAL NOTES:</b>	This module provides control and true feedback for the LG 50PX2DC Plasma.
<b>CRESTRON HARDWARE REQUIRED:</b>	CNXCOM-6, CNX-COM2, ST-COM, C21-COM, C2COM-2, C2COM-3
<b>SETUP OF CRESTRON HARDWARE:</b>	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1
<b>VENDOR FIRMWARE:</b>	N/A
<b>VENDOR SETUP:</b>	None
<b>CABLE DIAGRAM:</b>	CNSP-121



**CONTROL:**

**Partner: LG**  
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**Device Type: Plasma**



Power_On/Off/Toggle	D	Pulse to turn the display on and off.
Input_*	D	Pulse to select the input.
Aspect_Ratio_*	D	Pulse to select the aspect ratio.
Picture_Mute_On/Off/Toggle	D	Pulse to turn the picture mute on and off.
OSD_On/Off	D	Pulse to turn the on screen display on and off.
Volume_Up/Down	D	Press and hold to adjust the volume level.
Volume_Mute_On/Off/Toggle	D	Pulse to turn the volume mute on and off.
*_Up/Down	D	Press and hold to adjust the picture.
Color_Temperature_*	D	Pulse to select the color temperature.
Remote_Key_Lock_On/Off/Toggle	D	Pulse to turn the remote key lock on and off.
IR_*	D	Pulse to activate the IR function.
Poll_Enable	D	Hold high to enable polling.
From_Device\$	S	Serial signal to be routed from a 2-way serial com port.

## PARAMETER:

Address 00-99	P	Enter the address of the display. Set to 0 to control all displays in the chain. Default is 01.
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**Partner: LG**  
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**FEEDBACK:**

Power_On/Off_Fb	D	High to indicate the current power state of the display.
Input_*_Fb	D	High to indicate the currently selected input.
Aspect_Ratio_*_Fb	D	High to indicate the currently selected aspect ratio.
Picture_Mute_On/Off_Fb	D	High to indicate the current picture mute state of the display.
OSD_On/Off_Fb	D	High to indicate the current on screen display state of the display.
Volume_Mute_On/Off_Fb	D	High to indicate the current volume mute state of the display.
*_Bar	A	Analog value representing the current level for Contrast, Brightness, Color, Tint, Sharpness and Volume. To be displayed using a bar graph on a touch panel.
Color_Temperature_*_Fb	D	High to indicate the currently selected color temperature.
Remote_Key_Lock_On/Off_Fb	D	High to indicate the current state of the remote key lock.
Tuner_Physical_Channel	A	Analog value indicating the current physical tuner channel.
Tuner_Digital_Channel\$	S	Serial signal indicating the current digital tuner channel.
To_Device\$	S	Serial signal to be routed to a 2-way serial com port.

**TESTING:**

OPS USED FOR TESTING:	PRO2: 3.137 CNSMX: 5.14.02x
COMPILER USED FOR TESTING:	2.07.26
SAMPLE PROGRAM:	LG 50PX2DC Demo
REVISION HISTORY:	V. 1.0