

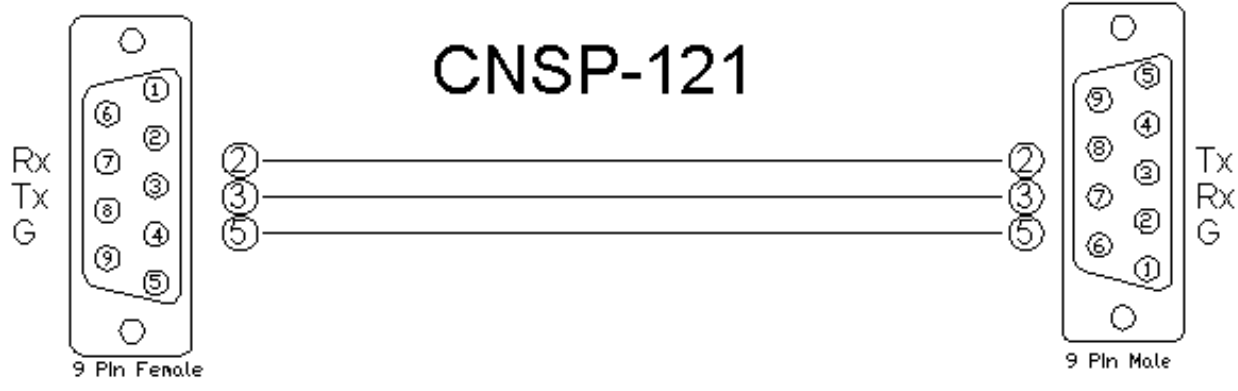
Partner: Panasonic
Model: TH-37 + 42 + 50PH9UK
Device Type: Plasma



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Panasonic TH-37+42+50PH9UK Plasma
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	This module provides control and true feedback for the Panasonic TH-37PH9UK, TH-42PH9UK and the TH-50PH9UK plasmas.
GENERAL NOTES:	<p>This module provides control for the Panasonic plasmas TH-37PH9UK, TH-42PH9UK and the TH-50PH9UK. It also provides true feedback. This module requires 2-way communications.</p> <p>NOTE: The inputs on these plasmas are card slots. They can each be configured with one of several video cards. Some video cards actually have a side A and a side B. The inputs of this module are named so that a dual video card can be put in any card slot on the plasma. To select an input slot on a single input card, pulse the Slot_*A input on the module.</p>
CRESTRON HARDWARE REQUIRED:	C2- C21-COM6, C2-COM2/3, CNXCOM-6, CNX-COM2, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-121

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CONTROL:

Power_On/Off/Toggle	D	Pulse to turn the plasma on and off.
Input_*	D	Pulse to select the desired input.
Aspect_Ratio_*	D	Pulse to select the desired aspect ratio.
Picture_Menu_*	D	Pulse to select the desired picture menu mode.
Picture_Mute_On/Off/Toggle	D	Pulse to turn the picture mute on and off.
Volume_Up/Down	D	Press and hold to adjust the volume.
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 quality.
Color_Temperature_*	D	Pulse to select the desired color temperature.
Picture_and_Picture	D	Pulse to turn the picture and picture mode on. (2 windows of the same size side by side)
Picture_out_Picture	D	Pulse to turn the picture out picture mode on. (1 large window and 1 small window side by side)
Picture_in_Picture	D	Pulse to turn the picture in picture mode on. (1 large window and 1 small window inset in the large window.
Dual_Picture_Off	D	Pulse to turn off all dual picture modes.
Dual_Picture_Input_*	D	Pulse to select the desired input for the dual picture window.
Dual_Picture_Swap	D	Pulse to swap the selected inputs in the two windows.
PIP_*	D	Pulse to move the PIP to the desired location. (ONLY FOR PICTURE IN PICTURE MODE).
Poll_Enable	D	Hold high to enable polling.
From_Device\$	S	Serial signal to be routed from a 2-way serial com port.

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FEEDBACK:

Power_On/Off_Fb	D	High to indicate the current power state.
Input_*_Fb	D	High to indicate the currently selected input.
Aspect_Ratio_*_Fb	D	High to indicate the currently selected aspect ratio.
Picture_Menu_*_Fb	D	High to indicate the currently selected picture menu mode.
Picture_Mute_On/Off_Fb	D	High to indicate the current picture mute state.
Volume_Bar	A	Analog signal indicating the current volume level.
Volume_Mute_On/Off_Fb	D	High to indicate the current volume mute state.
*_Bar	A	Analog value indicating the current level for the picture quality.
Color_Temperature_*_Fb	D	High to indicate the currently selected color temperature.
Picture_and_Picture_Fb	D	High to indicate that the Picture and Picture mode is active.
Picture_out_Picture_Fb	D	High to indicate that the Picture out Picture mode is active.
Picture_in_Picture_Fb	D	High to indicate that the Picture in Picture mode is active.
Dual_Picture_Off_Fb	D	High to indicate that the dual picture mode is off.
Dual_Picture_Input_*_Fb	D	High to indicate the currently selected input for the dual picture.
PIP_*_Fb	D	High to indicate the current PIP location.
To_Device\$	S	Serial signal to be routed to a 2-way serial com port.

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**TESTING:**

OPS USED FOR TESTING:	3.137
SIMPL WINDOWS USED FOR TESTING:	2.07.24
CRES DB USED FOR TESTING:	18.1.3
SYMBOL LIBRARY USED FOR TESTING:	381
SAMPLE PROGRAM:	Panasonic TH-37+42+50PH9UK Plasma Demo
REVISION HISTORY:	V. 1.0 – Original release.