

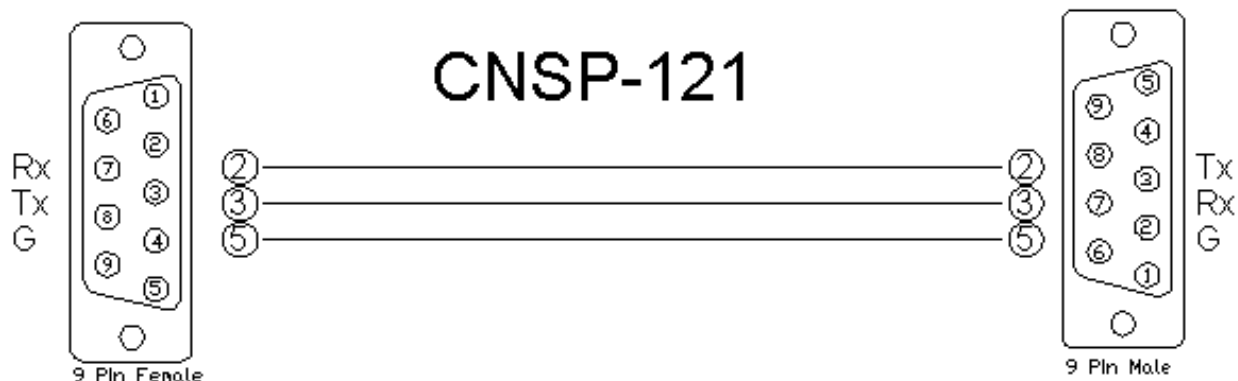
Partner: Panasonic
Model: PT-D5700 + PT-DW5100
Device Type: TV/Video Projector



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Panasonic PT-D5700 + PT-DW5100 Video Projector
CATEGORY:	TV/Video Projector
VERSION:	1.00
SUMMARY:	This module controls all of the functions of the Panasonic PT-D5700 + PT-DW5100 projector
GENERAL NOTES:	<p>This module controls all of the functions of the Panasonic PT-D5700 projector. It should also control the PT-DW5100. Module was tested using a PT-5700 only.</p> <p>Note: The projector will not accept any commands for 10 seconds after a 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>
CRESTRON HARDWARE REQUIRED:	C2I-COM, ST-COM, C2-COM- * or CNX -COM2
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	Unknown
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP -121

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CONTROL:

Poll_Enable	D	While this 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.
Power_On / Power_Off	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.
Input_*	D	Pulse to select desired input.
Auto_PC	D	Pulse to Auto Sync to RGB 1 or RGB 2. Note: Needs an actual RGB input to function correctly.
Shutter_On/Off/Toggle	D	Pulse to turn the Shutter On/Off.
Freeze_On/Off/Toggle	D	Pulse to turn the Freeze On/Off.
OSD_*	D	Pulse to navigate through the OSD Menus.
Mode_*	D	Pulse to go directly to the Picture Mode desired.
Aspect_*/Next	D	Pulse to pick or cycle the Aspect modes (Auto, 16:9, 4:3, etc.). Note: Auto aspect only available on some inputs.
From_Device\$	S	Signal tied to the RX of the RS-232 module connected to the receive side from the Projector for real feedback.

PARAMETERS:

ID	P	Parameter string indicating ID of projectors. Defaults to ADZZ for All projectors. Notes: Projector IDs can range from 1 to 64 and groups A to Z. Use of Projector ID is one way at this time (control but no ID feedback). Set ID of projector in item Options2 of the OSD menu.
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**FEEDBACK:**

Lamp_1/2_Hours	A	Analog value indicating lamp hours for each lamp to be displayed on touch panel in a digital gauge.
Power_*_Fb	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.
Input_*_Fb	D	Feedback indicating the current Input.
Auto_PC_Fb	D	Feedback indicating the current Input is Auto Sync .
Shutter_*_Fb	D	Feedback indicating the Shutter On/Off Status .
Freeze_*_Fb	D	Feedback Indicating the Freeze On/Off Status .
Mode_*_Fb	D	Feedback Indicating the current Picture Mode.
Aspect_*_Fb	D	Feedback Indicating the current Aspect.
To_Device\$	S	Serial signal to be routed to the TX side of the com port used to control the device.

TESTING:

OPS USED FOR TESTING:	PRO2 Cntrl Eng [v3.155.1240 (Feb 12 2007), #7F0056A2]
SIMPL WINDOWS USED FOR TESTING:	V. 2.08.41
CRES DB USED FOR TESTING:	V. 18.8.8
SYMBOL LIBRARY USED FOR TESTING:	V. 487
SAMPLE PROGRAM:	Panasonic PT- D5700 + PT-DW5100 Projector Demo
REVISION HISTORY:	V. 1.0