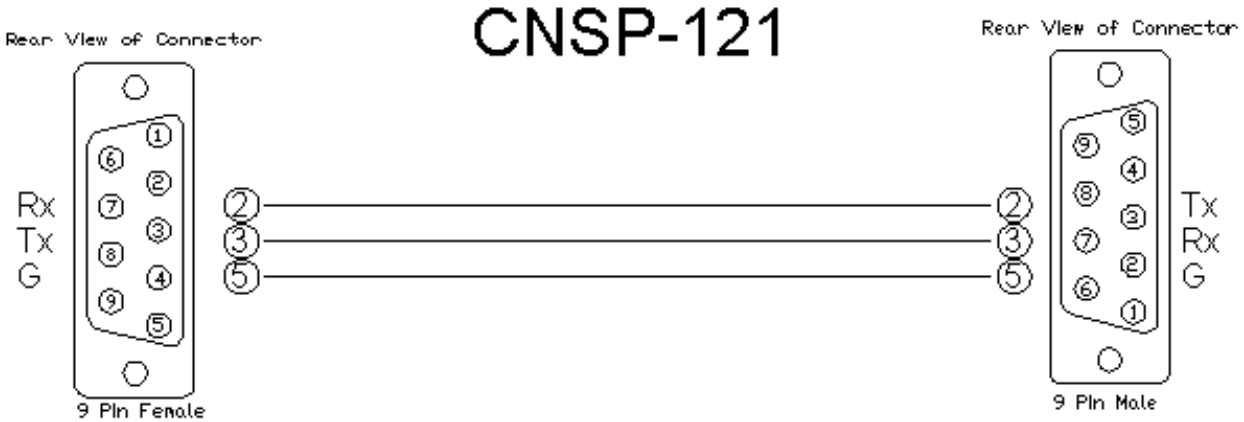
Partner: Panasonic
Model: PT-DZ12000
Device Type: DLP Projector

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Panasonic PT-DZ12000 v1.0
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	This module will control and/or report Power, Source Select, Picture Mode, Aspect, Shutter, Freeze, PIP, OSD, Auto Power Off, Picture Control, Lens Functions and elapsed Lamp Hour usage.
GENERAL NOTES:	This module will control the Panasonic PT-DZ12000. Although this module has been tested with the PT-DZ12000, it should also control the following projectors: PT-D12000 PT-DW100 **NOTE:** This module depends on feedback from the device. You cannot comment out the From_Device. This module is System Builder compatible.
CRESTRON HARDWARE REQUIRED:	X-Series Processor, CNX-COM2, ST-COM, 2-Series Processor, C2COM3
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: N Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	Unknown
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-121



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CONTROL:

Power_<On/Off/Toggle>	D	Pulse to turn power on or off.
Input_*	D	Pulse to select input.
Picture_Mode_*	D	Pulse to select picture mode.
Aspect_*	D	Pulse to select aspect. Some aspects may not be available depending on the input being displayed.
PIP_*	D	Pulse to select the PIP mode desired or to turn PIP mode off.
PIP_Main_*	D	Pulse to select the source for the main PIP window.
PIP_Sub_*	D	Pulse to select the source for the sub PIP window.
PIP_Type_*	D	Pulse to select which PIP window takes precedence if the PIP windows overlay each other.
Shutter_<On/Off/Toggle>	D	Pulse to enable or disable the shutter.
Freeze_<On/Off/Toggle>	D	Pulse to turn freeze mode on or off.
On_Screen_<On/Off/Toggle>	D	Pulse to turn on screen display on or off.
Auto_Power_Off_*_Min	D	Pulse to select the auto power off time setting.
Auto_Power_Off_Disable	D	Pulse to disable auto power off mode.
Lamp_Select_*	D	Pulse to select which lamps will be enabled. Note: Lamp select Single, Dual or Triple will select whichever lamps have the lesser amount of lamp hours on it.
Auto_Setup	D	Pulse to trigger the auto setup function.
<Menu/Enter/Up/Down/Left/Right>	D	Pulse to navigate/select on screen menu items.
Default	D	Pulse to select default settings.
Key_<0-9>	D	Pulse to select keys 0-9.
Brightness_<Up/Down>	D	Press to adjust brightness.
Contrast_<Up/Down>	D	Press to adjust contrast.
Zoom_<In/Out>	D	Press to adjust zoom.
Focus_<In/Out>	D	Press to adjust focus.

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Poll_En	D	Latch high to enable constant polling.
From_Device	S	Serial information returned via an RS-232 port.

FEEDBACK:

Power_Is_<On/Off>	D	Indicates the current power state.
Lamp_*	D	Indicates the current lamp status.
Input_Is_*	D	Indicates the currently selected input.
Picture_Mode_Is_*	D	Indicates the current picture mode.
Aspect_Is_*	D	Indicates the current aspect ratio.
PIP_Is_*	D	Indicates the current PIP mode selected or if PIP mode is off.
PIP_Main_Is_*	D	Indicates the source for the main PIP window.
PIP_Sub_Is_*	D	Indicates the source for the sub PIP window.
PIP_Type_Is_*	D	Indicates the PIP window that takes precedence if the PIP windows overlay each other.
Shutter_Is_<On/Off>	D	Indicates the current shutter status.
Freeze_Is_<On/Off>	D	Indicates the freeze mode status.
On_Screen_Is_<On/Off>	D	Indicates the current on screen state.
Auto_Power_Off_Is_*_Min	D	Indicates the auto power off timer setting.
Auto_Power_Off_Is_Disabled	D	Indicates that auto power off is disabled.
Lamp_Select_Is_*	D	Indicates the lamp mode selected.
Lamp*_Hours	A	Indicates the lamp hour usage for the projectors lamps.
Brightness_Gauge	A	Indicates the current brightness setting.
Contrast_Gauge	A	Indicates the current contrast setting.
To_Device	S	Serial information sent via an RS-232 port.

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TESTING:

OPS USED FOR TESTING:	v4.001.1012
SIMPL WINDOWS USED FOR TESTING:	2.11.27
DEVICE DB USED FOR TESTING:	26.05.004.00
CRES DB USED FOR TESTING:	21.02.018.00
SYMBOL LIBRARY USED FOR TESTING:	653
SAMPLE PROGRAM:	Panasonic PT-DZ12000 v1.0 Demo PRO2
REVISION HISTORY:	v1.0

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