Partner: Panasonic
Model: PT-D5500/7500/7600/7700
Device Type: DLP Projector

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Panasonic PT-D5500+D7500+D7600+D7700+DW7000 Video Projectors
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	This module provides control and true feedback for the Panasonic PT-D5500/7500/7600/7700/DW7000 video projectors.
GENERAL NOTES:	This module will send commands to projector address ZZ, which will control a projector set to any address. This module is written for 2-Series processors only. This module has a Poll_Enable input. If this input is held high, the projector will be polled for it's status every ten seconds. If this input is help low, the projector will be polled for status for 90 seconds after any function is activated. This module will automatically sequence commands for power, source selection, and picture mute. So if you were to pulse the Power_On, Input_Video, and Picture_Mute_Off inputs simultaneously, the module will takes care of sending the commands out in sequence, when the projector is ready to accept the commands. All digital inputs to this module should be momentary, as if coming from buttons on a touch panel, except for the Poll_Enable input.
CRESTRON HARDWARE REQUIRED:	C2I-COM, C2COM-2, C2COM-3, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	None
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-121

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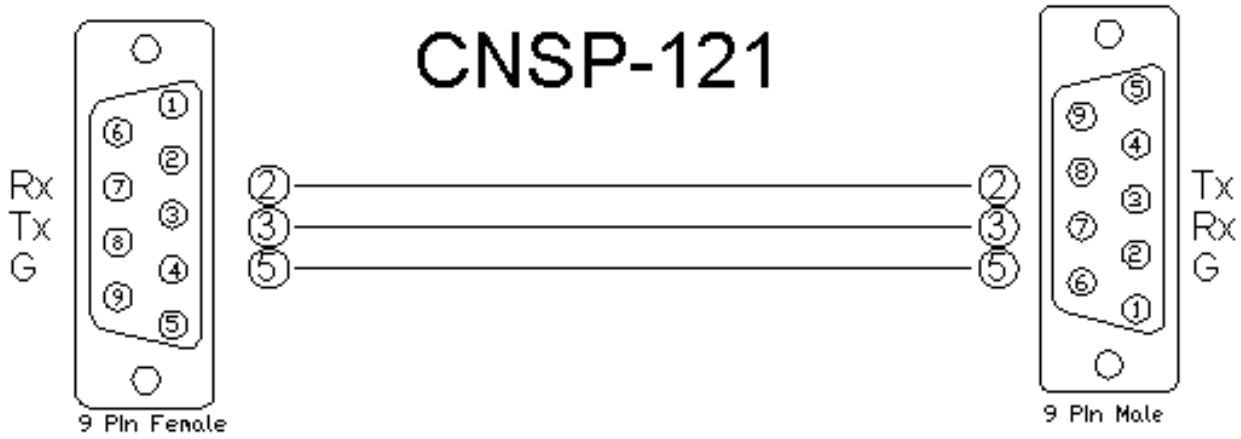

CONTROL:

Power_On/Off/Toggle	D	Pulse to turn the projector on and off.
Input_*	D	Pulse to select the input.
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 or off
Aspect_Ratio_*	D	Pulse to select the aspect ratio.
Picture_Mode_*	D	Pulse to select the 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.
Picture_Mute_On/Off_Fb	D	High to indicate the current picture mute state.
OSD_On/Off_Fb	D	High to indicate the current OSD state.
Picture_Mode_*_Fb	D	High to indicate the currently selected picture mode.
Lamp_1_Time	A	Analog value indicating the current lamp hours for lamp 1. To be displayed using a digital gauge on a touch panel.
Lamp_2_Time	A	Analog value indicating the current lamp hours for lamp 2. To be displayed using a digital gauge on a touch panel.
To_Device$	S	Serial signal to be routed to a 2-way serial com port.

TESTING:

OPS USED FOR TESTING:	PRO2: 3.137
COMPILER USED FOR TESTING:	2.05.22
SAMPLE PROGRAM:	Panasonic PT-D5500+D7500+D7600+D7700+DW7000 Demo
REVISION HISTORY:	None

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