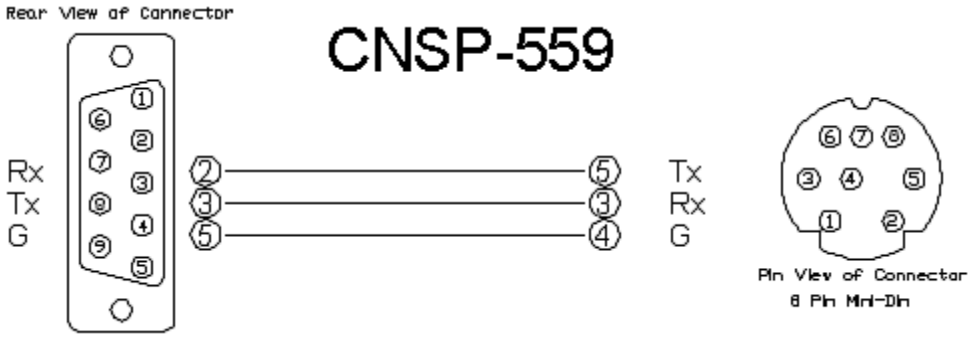
Partner: Panasonic
Model: PT-AX200
Device Type: TV/Video Projector

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Panasonic PT-AX200 Projector
CATEGORY:	TV/Video Projector
VERSION:	1.00
SUMMARY:	This module controls all of the functions of the Panasonic PT-AX200 projector
GENERAL NOTES:	This module controls all of the functions of the Panasonic PT-AX200 projector. True feedback is provided for most commands. When the Poll_Enable input is asserted (Default =1), the projector will be polled every 3 seconds to determine the state of power, inputs, picture modes, sleep modes, shutter modes and freeze state. Typically, you could enable polling when the projector's particular control page is active and displayed on a touch panel. You would then disable polling at other times. Please note that any time the projector is polled for status, it will disable the Shutter_Toggle command.
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-550



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CONTROL:

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.
Picture_*	D	Pulse to go directly to the Picture Mode desired.
Picture_Cycle	D	Pulse to cycle through the picture Modes.
Freeze_On/Off/Toggle	D	Pulse to turn the Freeze function On/Off.
Shutter_On/Off/Toggle	D	Pulse to turn the Shutter function On/Off.
Aspect_Cycle	D	Pulse to cycle through the Aspect modes (16:9, 4:3, etc).
Menu	D	Pulse to engage the OSD Menus.
Up/Down/Left/Right_Arrow	D	Pulse to navigate through the OSD Menus.
Enter/Return	D	Pulse to enter or return in the OSD Menus.
Sleep_*	D	Pulse to go directly to the Sleep Mode desired.
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 is required for accurate feedback, but should not be held high when not needed.
From_Device$	S	Serial signal to be routed from a 2-way serial com port.

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FEEDBACK:

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.
Input_*_Fb	D	Feedback indicating the current Input.
Picture_*_Fb	D	Feedback Indicating the current Picture Mode.
Freeze_*_Fb	D	Feedback Indicating the Freeze On/Off Status.
Shutter_*_Fb	D	Feedback indicating the Shutter On/Off Status.
Sleep_*_Fb	D	Feedback indicating the Sleep Timer Status.
To_Device$	S	Serial signal to be route to a 2-way serial com port.

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-AX200 Projector Demo Pro2
REVISION HISTORY:	V. 1.0

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