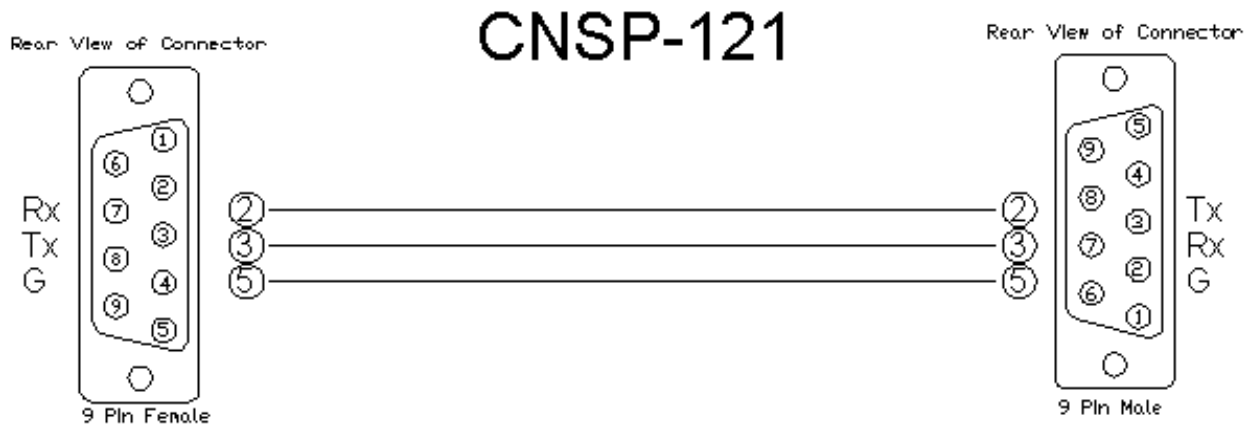


Partner: Casio
Model: Super Slim
Device Type: LCD Projector


GENERAL INFORMATION

SIMPLWINDOWS NAME:	Casio Super Slim v1.0
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	This module will control Power, Source Select, Picture Mute, Aspect Ratio, Color Mode, Zoom, Focus and Volume.
GENERAL NOTES:	<p>This module will control the following Casio models: XJ-S32, XJ-S37, XJ-S42, XJ-S47, XJ-S52, XJ-S57, XJ-SC210 and XJ-SC215</p> <p>True feedback is provided for power, input sources, picture mute, aspect ratio and color mode. When any command is sent to the projector, it will acknowledge that the command was processed properly and the corresponding feedback will be reflected at the outputs of this module.</p> <p>If it is desired to poll the projector for power state, you can assert the Poll_Enable input. When this input is high, the projector will be polled every 10 seconds to determine the state of power and the source selected. To poll the other settings you can assert the Poll_Settings input. When this input is high, the projector will be polled every 45 seconds to determine the remaining settings. Typically, you could enable these polling options when the projector's particular control page is active and displayed on a touch panel. You would then disable polling at other times.</p> <p>NOTE: This module depends on feedback from the device. You cannot comment out the From_Device serial input. This serial signal must be used for proper module operation.</p> <p>This module is SystemBuilder compatible.</p>
CRESTRON HARDWARE REQUIRED:	C2I-COM6, C2-COM2/3, CNXCOM-6, CNX-COM2, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 19200 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 projector on or off.
Input_*	D	Pulse to select the desired input.
Picture_Mute_On/Off/Toggle	D	Pulse to turn picture mute on or off.
Aspect_*	D	Pulse to select the desired aspect.
Color_Mode_*	D	Pulse to select the desired color mode.
Zoom_In/Out	D	Press and hold to zoom the image in or out.
Focus_In/Out	D	Press and hold to focus the image in or out.
Volume_Up/Down	D	Press and hold to adjust the volume.
Poll_Enable	D	Set high to enable polling of the projector for power and source status.
Poll_Settings	D	Set high to enable polling of the projector for remaining settings' status.
From_Device	S	Serial signal to be routed from a 2-way serial com port.

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**FEEDBACK:**

Power_Is_On/Off	D	High to indicate the current power state.
Input_Is_*	D	High to indicate the currently selected input. Note (There is no Input_Is_Auto feedback).
Picture_Mute_Is_On/Off	D	High to indicate the current picture mute status.
Aspect_Is_*	D	High to indicate the currently selected aspect.
Color_Mode_Is_*	D	High to indicate the currently selected color mode.
Lamp_Hours	A	Analog value indicating lamp hours.
Volume_Gauge	A	Analog value indicating volume level. For gauge object on touchpanel.
To_Device	S	Serial signal to be routed to a 2-way serial com port.

TESTING:

OPS USED FOR TESTING:	4.000.0226
SIMPL WINDOWS USED FOR TESTING:	2.10.32
CRES DB USED FOR TESTING:	20.00.013.00
SYMBOL LIBRARY USED FOR TESTING:	567
SAMPLE PROGRAM:	Casio Super Slim v1.0 Demo PRO2.smw
REVISION HISTORY:	V. 1.0 – Original release.