

Partner: SIM2
Model: C3X
Device Type: DLP Video Projector



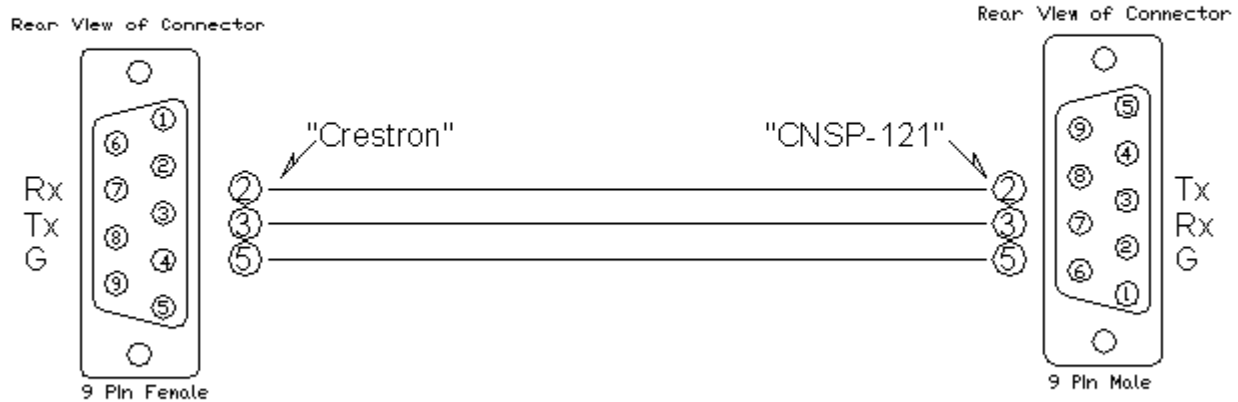
GENERAL INFORMATION

SIMPLWINDOWS NAME:	SIM2 C3X DLP Projector
CATEGORY:	Projector
VERSION:	1
SUMMARY:	Controls power/input selection/menu
GENERAL NOTES:	<p>This module will control a Sim2 C3X DLP video projector. The projector does not provide true feedback indicating it's power or current input state. However, this module will wait for an acknowledgement response after each power or source select command. The corresponding _Fb output will be raised only after receiving the acknowledgement from the projector.</p> <p>This module also provides outputs simulating the warm up/cool down times of the projector. These times are set up using the Warm Up Time and Cool Down Time parameters. The default values are 45s and 220s based on testing done with a C3X projector, however, these times can be modified if necessary. Note that all power and source select commands will be disabled while the projector is warming up or cooling down.</p>
CRESTRON HARDWARE REQUIRED:	CNCOMH-2, CNXCOM, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 19200 Parity: N Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	None
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-121

Partner: SIM2
 Model: C3X
 Device Type: DLP Video Projector



CNSP-121



CONTROL:		
To_Device\$	S	The serial string sent to the unit
Power_On	D	Pulse to turn the projector on. Simulated feedback will be reflected at Power_On_Fb output
Power_Off	D	Pulse to turn the projector on. Simulated feedback will be reflected at Power_Off_Fb output
Power_Toggle	D	Pulse to turn the projector on/off
Input_*	D	Pulse to select the desired input. If the projector is off when pulsed, it will be automatically turned on
Other Inputs	D	Pulse to simulate numeric keys on IR remote

Partner: SIM2
Model: C3X
Device Type: DLP Video Projector

**FEEDBACK:**

From_Device\$	S	The serial return string from the unit
Power_On_Fb	D	Simulated feedback indicating that power is on
Power_Off_Fb	D	Simulated feedback indicating that power is off
Input_*_Fb	D	Simulated feedback indicating which input is currently active
State_*	D	Indicates the warm up/cool down states of the projector. Will be high while the projector is powering on or off. Could be routed to legend buttons to indicate power-up and power-down states

TESTING:

OPS USED FOR TESTING:	PRO2 Cntrl Eng [v3.137 (Release)]
SIMPL WINDOWS USED FOR TESTING:	SIMPL 2.07.24
CRES DB USED FOR TESTING:	18.0.8
SYMBOL LIBRARY USED FOR TESTING:	381
SAMPLE PROGRAM:	SIM2 C3X DLP Projector Demo.smw
REVISION HISTORY:	V. 1.0