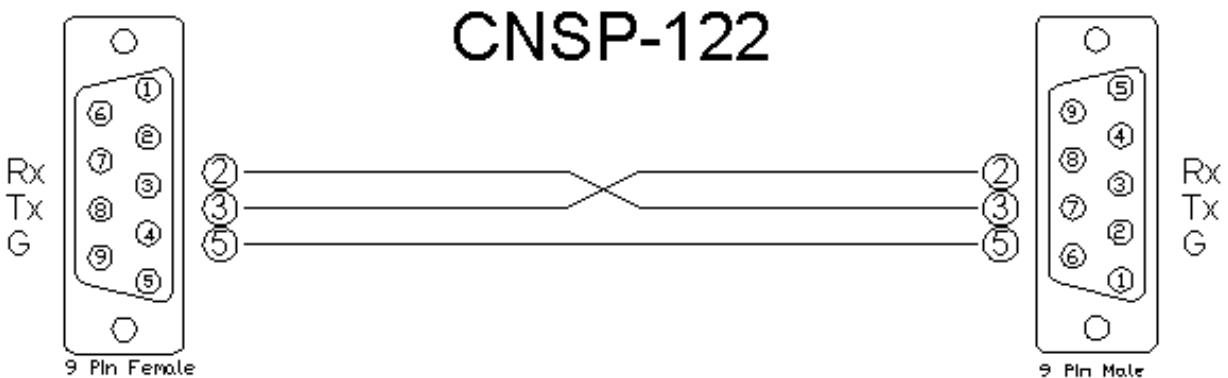


**Partner: Christie**  
**Model: HD5Kc**  
**Device Type: TV/Video Projector**



**GENERAL INFORMATION**

<b>SIMPLWINDOWS NAME:</b>	Christie HD5Kc v1.0
<b>CATEGORY:</b>	Projector
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module controls power, input selection, picture controls and menu functions.
<b>GENERAL NOTES:</b>	The projector address can be set from 000 to 999, but must consist of three digits.
<b>CRESTRON HARDWARE REQUIRED:</b>	C2I-COM, ST-COM, C2-COM-* or CNX-COM2
<b>SETUP OF CRESTRON HARDWARE:</b>	RS232 Baud: 115200 Parity: None Data Bits: 8 Stop Bits: 1
<b>VENDOR FIRMWARE:</b>	Unknown
<b>VENDOR SETUP:</b>	None
<b>CABLE DIAGRAM:</b>	CNSP-122



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**CONTROL:**

Power_On	D	Pulse to turn the projector on.
Power_Off	D	Pulse to turn the projector off.
Input_BNC	D	Pulse to select BNC input.
Input_DVI	D	Pulse to select DVI input.
Input_Composite	D	Pulse to select composite input.
Input_S-Video	D	Pulse to select s-video input.
Input_5a	D	Pulse to select input 5 option A.
Input_5b	D	Pulse to select input 5 option B.
Input_6a	D	Pulse to select input 6 option A.
Input_6b	D	Pulse to select input 6 option B.
AGC_On/Off	D	Pulse to turn automatic gain control on or off.
BKL_On/Off	D	Pulse to turn keypad backlight on or off.
OSD_On/Off	D	Pulse to turn on screen display on or off.
PIP_Aspect_*	D	Pulse to select the PIP window's aspect ratio (Default/Anamorphic).
PIP_On/Off	D	Pulse to select PIP on or off.
PIP_Swap	D	Pulse to swap PIP sources.
PIP_Position_*	D	Pulse to select PIP position (Top_Left/Top_Right/Bottom_Left/Bottom_Right).
Shutter_Open/Close	D	Pulse to open or close shutter.
Menu	D	Pulse to select menu function.
Up	D	Pulse to select up function.
Down	D	Pulse to select down function.

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Left	D	Pulse to select left function.
Right	D	Pulse to select right function.
Enter	D	Pulse to select enter function.
Exit	D	Pulse to select exit function.
Button_*	D	Pulse to select keypad buttons 0 through 9.
Focus_In/Out	D	Press to adjust lens focus.
Zoom_In/Out	D	Press to adjust lens zoom.
Lens_Up/Down/Left/Right	D	Press to adjust lens shift.
From_Device\$	S	Serial data signal to be routed from a 2 way com port.

### FEEDBACK:

Power_On_Fb	D	Feedback indicating when power is on.
Power_Off_Fb	D	Feedback indicating when power is off.
Power_Warm_Up_Fb	D	Feedback indicating when projector is warming up. Produces a one second pulse every two seconds.
Power_Cool_Down_Fb	D	Feedback indicating when projector is cooling down. Produces a one second pulse every two seconds.
Input_*_Fb	D	Feedback indicating which source is currently being displayed.
AGC_On/Off_Fb	D	Feedback indicating if automatic gain control is currently on or off.
BKL_On/Off_Fb	D	Feedback indicating if the keypad backlight on the back of the projector is currently on or off.
OSD_On/Off_Fb	D	Feedback indicating if the on screen display is current on or off.
PIP_Aspect_*_Fb	D	Feedback indicating the PIP window's current aspect ratio. Note: PIP_Aspect_Custom_Fb will latch high when the aspect is adjusted manually.
PIP_On/Off_Fb	D	Feedback indicating if the PIP is currently on or off.

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PIP_Position_*_Fb	D	Feedback indicating the PIP window's current location. Note: PIP_Position_Custom_Fb will latch high when the position is adjusted manually.
Shutter_Open/Close_Fb	D	Feedback indicating if the shutter is currently open or closed.
Lamp_Hours	A	Indicates the projector's current lamp hour usage.
To_Device\$	S	Serial commands to be routed to a 2 way com port.

### TESTING:

OPS USED FOR TESTING:	3.155_1240
SIMPL WINDOWS USED FOR TESTING:	2.08.41
CRES DB USED FOR TESTING:	18.8.8
SYMBOL LIBRARY USED FOR TESTING:	497
SAMPLE PROGRAM:	Christie HD5Kc v1.0 Demo PRO2
REVISION HISTORY:	v1.0