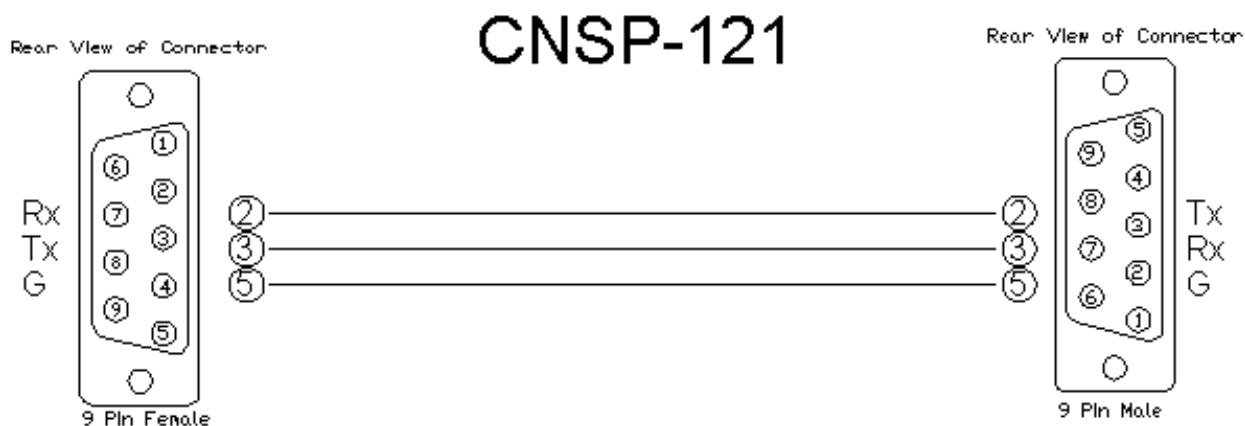


**Partner: Toshiba**  
**Model: T24MSA**  
**Device Type: TV/Video Projector**



## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	Toshiba T24MSA Full Control v1.0
<b>CATEGORY:</b>	TV/Video Projector
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module provides control and true feedback for the Toshiba T24MSA monitor.
<b>GENERAL NOTES:</b>	<p>This module provides control for the Toshiba T24MSA monitor. It also provides true feedback for input and aspect ratio.</p> <p>This module is System Builder compatible.</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	C2I-COM6, C2NCOM-2/3, CNX-COM6, CNX-COM2, ST-COM
<b>SETUP OF CRESTRON HARDWARE:</b>	<p>RS232</p> <p>Baud: 9600/19200/38400</p> <p>Parity: None/Odd/Even</p> <p>Data Bits: 8</p> <p>Stop Bits: 1</p>
<b>VENDOR FIRMWARE:</b>	N/A
<b>VENDOR SETUP:</b>	Set the RS232 Mode to On in the General Setup of the monitor. The Baud rate and parity also need to be set. The monitor must have a signal to access the menu.
<b>CABLE DIAGRAM:</b>	CNSP-121



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**CONTROL:**

<b>Power_On</b>	D	Pulse to power on the monitor.
<b>Power_Off</b>	D	Pulse to power off the monitor.
<b>Input_Main_*</b>	D	Pulse to select the desired input.
<b>Input_Sub_*</b>	D	Pulse to select the desired input.
<b>Scale_Mode_*</b>	D	Pulse to select the scale mode.
<b>PIP_POP_Off</b>	D	Pulse to turn off PIP and POP.
<b>PIP_On</b>	D	Pulse to turn on PIP.
<b>POP_On</b>	D	Pulse to turn on POP.
<b>Swap_On/Off</b>	D	Pulse to swap the Main source and the Sub source.
<b>PIP_H_Pos_Up/Down</b>	D	Press to adjust the PIP position horizontally.
<b>PIP_V_Pos_Up/Down</b>	D	Press to adjust the PIP position vertically.
<b>Auto_Source_On/Off</b>	D	Pulse to enable or disable Auto Source.
<b>Backlight_Up/Down</b>	D	Press to adjust the backlight level.
<b>OSD_Timeout_*</b>	D	Pulse to adjust the on screen display time out.
<b>Contrast_Up/Down</b>	D	Press to adjust the contrast.
<b>Brightness_Up/Down</b>	D	Press to adjust the brightness.
<b>Color_Temp_*</b>	D	Pulse to choose the color temperature.
<b>Color_Temp_User_R_Up/Down</b>	D	Press to adjust the R value.
<b>Color_Temp_User_G_Up/Down</b>	D	Press to adjust the G value.
<b>Color_Temp_User_B_Up/Down</b>	D	Press to adjust the B value.
<b>Sharpness_Up/Down</b>	D	Press to adjust the sharpness.
<b>Initialize</b>	D	Pulse to initialize the values. Only works if display is on.

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Poll	D	Hold high to enable polling.
From_Device	S	Serial signal to be routed from a 2-way serial com port.

**FEEDBACK:**

Power_Is_On	D	High to indicate the power is on.
Power_Is_Off	D	High to indicate the power is off.
Input_Main_Is_*	D	High to indicate the current input.
Input_Sub_Is_*	D	High to indicate the current input.
Scale_Mode_Is_*	D	High to indicate the current scale mode.
PIP_POP_Is_Off	D	High to indicate PIP and POP are off.
PIP_Is_On	D	High to indicate PIP is on.
POP_Is_On	D	High to indicate POP is on.
Swap_Is_On/Off	D	High to indicate if swap is on.
PIP_H_Gauge	A	Shows the horizontal position of PIP.
PIP_V_Gauge	A	Shows the vertical position of PIP.
Auto_Source_Is_On/Off	D	Indicates if Auto Source is on or off.
Backlight_Gauge	A	Shows the level of the backlight.
To_Device	S	Serial signal to be routed to a 2-way serial com port.

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**TESTING:**

<b>OPS USED FOR TESTING:</b>	V4.001.1012
<b>SIMPL WINDOWS USED FOR TESTING:</b>	v2.11.27
<b>CRES DB USED FOR TESTING:</b>	v21.02.018.00
<b>DEVICE DATABASE:</b>	v26.05.004.00
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	V653
<b>SAMPLE PROGRAM:</b>	Toshiba T24MSA v1.0 Demo PRO2.smw
<b>REVISION HISTORY:</b>	v1.0 – Original release.