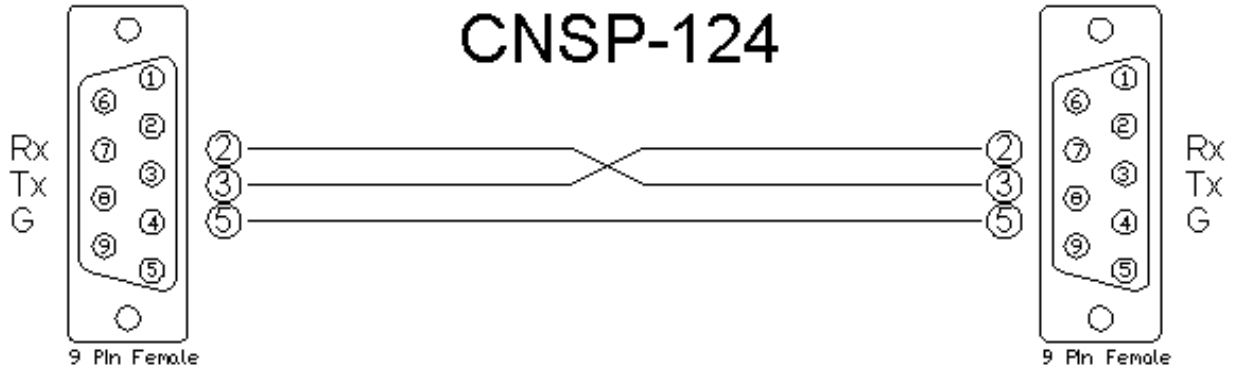


**Partner: Mitsubishi**  
**Model: XD3200U + WD3300U**  
**Device Type: DLP Projector**


**GENERAL INFORMATION**

<b>SIMPLWINDOWS NAME:</b>	Mitsubishi XD3200U + WD3300U Full Control
<b>CATEGORY:</b>	TV/Video Projector
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module provides control and true feedback for the Mitsubishi XD3200U + WD3300U DLP Projectors.
<b>GENERAL NOTES:</b>	<p>This module provides operating controls for the Mitsubishi XD3200U and WD3300U DLP Projector. It also provides real feedback. The projector is polled for power, input, lamp hours, and projector status every 15 seconds if the Poll digital input is set high or once if pulsed. If projector power is on when polled lamp mode, volume level, AV mute, PiP, Magnify, freeze, aspect mode, aspect position, and cinema will also be polled in addition. When any command is sent to the projector, it will acknowledge that the command was processed properly and the corresponding feedback will be reflected on the outputs of this module.</p> <p>Analog Proj_Status feedback values:</p> <ul style="list-style-type: none"> <li>0d = Stand-by</li> <li>1d = Warm-up</li> <li>2d = Power-On</li> <li>3d = Cooling mode</li> <li>4d = Abnormal state (Including shutdown due to an error.)</li> <li>5d = Stat of Functioning (Menu, Dialog, AV Mute, PiP, Magnify, Freeze, etc.)</li> <li>6d = Awaiting password entry</li> </ul>
<b>CRESTRON HARDWARE REQUIRED:</b>	C2-COM, ST-COM
<b>SETUP OF CRESTRON HARDWARE:</b>	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1 Flow Control: None
<b>VENDOR FIRMWARE:</b>	None
<b>VENDOR SETUP:</b>	None
<b>CABLE DIAGRAM:</b>	CNSP-124

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## CONTROL:

<b>Power_On/Off/Toggle</b>	D	Pulse to turn the projector on or off.
<b>Input_*</b>	D	Pulse to select the input.
<b>AV_Mute_On/Off/Toggle</b>	D	Pulse to mute or unmute video and audio.
<b>PiP_On/Off/Toggle</b>	D	Pulse to turn picture in picture on or off.
<b>Freeze_On/Off/Toggle</b>	D	Pulse to turn video freeze on or off.
<b>Magnify_On/Off/Toggle</b>	D	Pulse to turn on or off magnification for computer inputs.
<b>Lamp_Mode_Standard/Low</b>	D	Pulse to select lamp mode.
<b>Aspect_*</b>	D	Pulse to select the aspect.
<b>Aspect_16-9_Position_*</b>	D	Pulse to select 16:9 aspect position.
<b>Cinema_Mode_*</b>	D	Pulse to select cinema mode for video inputs.
<b>Auto_Position</b>	D	Pulse to auto position computer inputs.
<b>Menu</b>	D	Pulse to enter or exit the menu.
<b>Menu_*</b>	D	Pulse to navigate the menu up, down, left or right.
<b>Enter</b>	D	Pulse to select current highlighted menu item.

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<b>Volume_*</b>	D	Pulse to raise, lower, or mute the volume
<b>Poll</b>	D	Pulse to poll projector status once. Hold to poll continually.
<b>From_Device</b>	S	Serial signal to be routed from a 2-way serial com port.

### FEEDBACK:

<b>Power_Is_On/Off</b>	D	High to indicate the current power state.
<b>Input_Is_*</b>	D	High to indicate the current input state.
<b>AV_Mute_Is_On/Off</b>	D	High to indicate the current AV mute state.
<b>PiP_Is_On/Off</b>	D	High to indicate the current picture in picture state.
<b>Freeze_Is_On/Off</b>	D	High to indicate the current freeze state.
<b>Magnify_Is_On/Off</b>	D	High to indicate the current magnify state.
<b>Lamp_Mode_Is_*</b>	D	High to indicate the current lamp mode state.
<b>Aspect_Is_*</b>	D	High to indicate the current aspect state.
<b>Aspect_16-9_Position_Is_*</b>	D	High to indicate the current aspect 16:9 position state.
<b>Cinema_Mode_Is_*</b>	D	High to indicate the current cinema mode state.
<b>Volume_Mute_Is_On/Off</b>	D	High to indicate the current volume mute state.
<b>Lamp_Hours_Analog</b>	A	Analog decimal value indicating the current lamp hours.
<b>Proj_Status_Analog</b>	A	Analog signal indicating the current projector status.
<b>Volume_Bar_Gauge</b>	A	Analog signal indicating the current volume level. To be displayed using a bar graph on a touch panel.
<b>To_Device</b>	S	Serial signal to be routed to a 2-way serial com port.

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**TESTING:**

<b>OPS USED FOR TESTING:</b>	PRO2: Cntrl Eng 4.001.1012 (Feb 17 2009)
<b>SIMPL WINDOWS USED FOR TESTING:</b>	2.12.39
<b>CRES DB USED FOR TESTING:</b>	21.04.015.00
<b>DEVICE DATABASE:</b>	27.01.004.00
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	663
<b>SAMPLE PROGRAM:</b>	Mitsubishi XD3200U + WD3300U v1.0 Demo PRO2.smw
<b>REVISION HISTORY:</b>	v1.0