

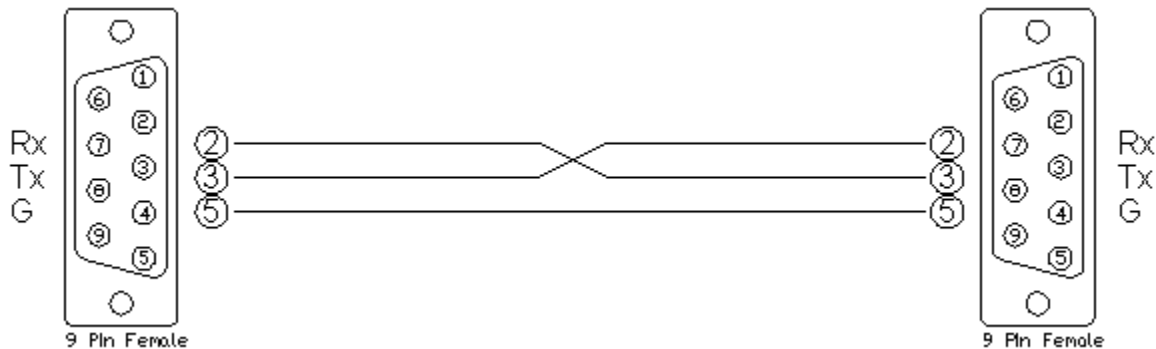
**Partner:** Mitsubishi**Model:** XL30U + XL25U + SL25U**Device Type:** Video Projector**GENERAL INFORMATION**

<b>SIMPLWINDOWS NAME:</b>	Mitsubishi XL30U+ XL25U + SL25U Projector.umc
<b>CATEGORY:</b>	Video/Data Projector
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module will control Power, Source Select, Aspect Ratio, Picture Mute, Lens Zoom, Lens Focus, Brightness, Contrast, Color, Tint, Sharpness and display elapsed Lamp Hours.
<b>GENERAL NOTES:</b>	<p>This module will control a Mitsubishi XL30U, XL25U and the SL25U Projectors. True feedback is provided for power, inputs, aspect ratio, picture settings and elapsed lamp hour usage. 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. If it is desired to poll the projector for changes made using the IR remote control, or by the controls on the projector itself, you can assert the Poll_Enable input. When this input is high, the projector will be polled every 15 seconds to determine the state of power, input source and aspect ratio.</p> <p>If it is desired to poll the projector for picture setting changes made using the IR remote control, or by the controls on the projector itself, you can assert the Poll_Settings input. When this input is high, the projector will be polled every 45 seconds to determine the state of brightness, contrast, sharpness, color, and tint. Typically, you could enable either polling option when the projector's particular control page is active and displayed on a touch panel. You would then disable polling at other times.</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	C2-COM, ST-COM, CNMSX Internal Com Ports
<b>SETUP OF CRESTRON HARDWARE:</b>	Baud Rate - 9600 Parity - none Data Bits - 8 Stop Bits - 1
<b>VENDOR FIRMWARE:</b>	None
<b>VENDOR SETUP:</b>	None

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**CABLE DIAGRAM:** CNSP-124

**CONTROL:**

<b>Power_On/Off/Toggle</b>	<b>D</b>	<b>Pulse to change device's power state</b>
<b>Input_*</b>	<b>D</b>	<b>Pulse to select devices input source</b>
<b>Aspect_*</b>	<b>D</b>	<b>Pulse to select desired aspect ratio</b>
<b>Zoom/Focus_Up/Down</b>	<b>D</b>	<b>Assert to adjust device's lens</b>
<b>Picture_Mute_Tog</b>	<b>D</b>	<b>Pulse to toggle device's current Picture mute state on or off</b>
<b>Contrast_Up/Down</b>	<b>D</b>	<b>Assert to increase/decrease picture setting</b>
<b>*_Up/down</b>	<b>D</b>	<b>Assert to increase/decrease selected picture setting</b>
<b>Poll_Enable</b>	<b>D</b>	<b>When high, projector will be polled for it's general settings every 15 seconds (Default=1).</b>
<b>Poll_Settings</b>	<b>D</b>	<b>When high, projector will be polled or it's picture settings and elapsed lamp hours every 45 seconds (Default=1).</b>
<b>From_Device\$</b>	<b>S</b>	<b>Serial data signal to be routed from a 2-way Com Port.</b>

**Partner:** Mitsubishi**Model:** XL30U + XL25U + SL25U**Device Type:** Video Projector**FEEDBACK:**

<b>Power_On/Off/Toggle_FB</b>	<b>D</b>	<b>True feedback indicating current power state.</b>
<b>Input_*_FB</b>	<b>D</b>	<b>True feedback indicating current selected input source.</b>
<b>Aspect_*_FB</b>	<b>D</b>	<b>True feedback indicating current aspect ratio.</b>
<b>*_Bar</b>	<b>A</b>	<b>Analog value of picture settings to be sent to bar graphs.</b>
<b>Lamp_Hours</b>	<b>A</b>	<b>Analog value of device's current elapsed lamp hour usage</b>
<b>To_Device\$</b>	<b>S</b>	<b>Serial data signal to be routed to a 2-way Com Port.</b>

**TESTING:**

<b>OPS USED FOR TESTING:</b>	<b>PRO2 Cntrl Eng [v3.088 (Release)]</b>
<b>COMPILER USED FOR TESTING:</b>	<b>2.00.30</b>
<b>SAMPLE PROGRAM:</b>	<b>Mitsubishi XL30U Projector Demo Pro2.smw</b>
<b>REVISION HISTORY:</b>	<b>V. 1.0</b>