

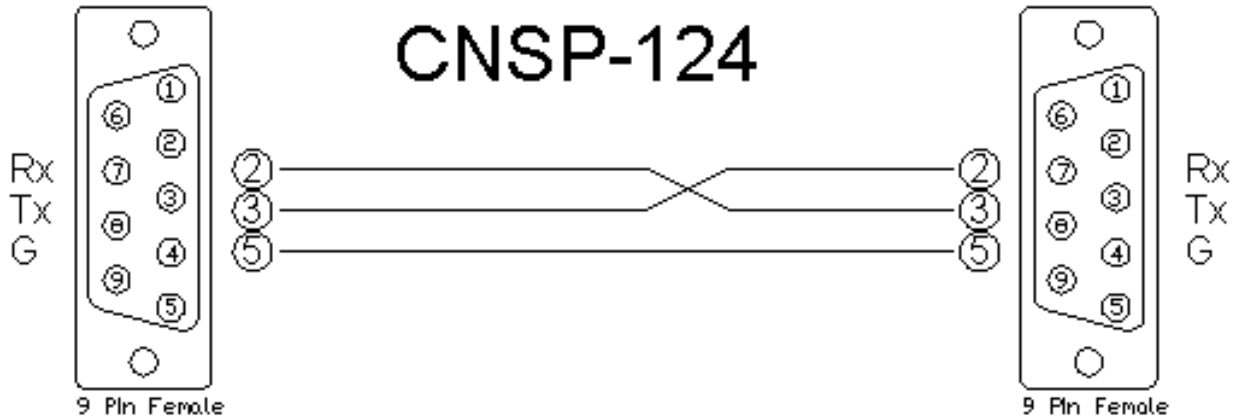
Partner: Mitsubishi
Model: X500U
Device Type: TV/Projector



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Mitsubishi X500U Projector
CATEGORY:	TV/Projector
VERSION:	1.0
SUMMARY:	Power, Source Select, Aspect Ratio, Picture Mute, Lens Zoom, Lens Focus, Brightness, Contrast, Color, Tint, Sharpness and Lamp Hours.
GENERAL NOTES:	<p>This module will control a Mitsubishi X500U Projector. True feedback is provided for power, inputs, aspect ratio and picture settings. 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 30 seconds to determine the state of brightness, contrast, sharpness, color, tint and elapsed lamp hours. 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>
CRESTRON HARDWARE REQUIRED:	C2-COM, ST-COM, CNMSX Internal Com Ports
SETUP OF CRESTRON HARDWARE:	Baud Rate - 9600 Parity - None Data Bits - 8 Stop Bits - 1
VENDOR FIRMWARE:	None
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-124

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CONTROL:

Power_On	D	Turn screen on.
Power_Off	D	Turn screen off.
Power_Toggle	D	Toggles the power state of the screen.
Input_Vid1	D	Select the composite video input on screen.
Input_Vid2	D	Select the s-video input on screen.
Input_PC1	D	Select the D-sub Computer input on screen.
Input_PC2	D	Select the BNC Computer input on screen.
Picture_Mute_Tog	D	Toggles the state of picture mute (Screen Blanking).
Aspect_4-3	D	Select 4:3 Screen aspect ratio.
Aspect_16-9	D	Select 16:9 Screen aspect ratio.
Zoom/Focus	D	Adjusts Lens mode "in" in Zoom or Focus mode.
Zoom/Focus_In	D	Adjusts Lens mode "out" in Zoom or Focus mode.
Zoom/Focus_Out	D	Adjusts appropriate picture setting up/down.
Brightness_Up/Down	D	Adjusts appropriate picture setting up/down.
Contrast_Up/Down	D	Adjusts appropriate picture setting up/down.
Sharpness_Up/Down	D	Adjusts appropriate picture setting up/down.
Color_Up/Down	D	Adjusts appropriate picture setting up/down.
Tint_Up/Down	D	Adjusts appropriate picture setting up/down..
Poll_Enable	D	When high, the screen will be polled for its general settings and Lamp Hours every 15 seconds.
Poll_Settings	D	When high, the screen will be polled for its picture settings and Lamp Hours every 30 seconds.



From_Device\$	S	Serial data signal to be routed from a 2 way com port.
UNIT_ID_ASCII	P	Enter an ASCII character that represents the projector's ID Valid parameters are 00 through 99. 00 is default.

FEEDBACK:

Power_On/Off/Tog_FB	D	Real feedback indicating projector's power state.
Input_*_FB	D	Real feedback indicating which source is currently being displayed.
Aspect_*_FB	D	Real feedback indicating current aspect ratio.
*_Bar	A	Picture setting's current level. Route to a TP bar graph.
Lamp_Hours	A	Decimal value of elapsed lamp hours.
To_Device\$	S	Serial data signal to be routed to a 2 way com port.

TESTING:

OPS USED FOR TESTING:	X-GEN SERIES 5.12.63 2 SERIES 3.080
SIMPLWINDOWS USED FOR TESTING:	2.04.14
SAMPLE PROGRAM:	Mitsubishi X500U Projector Pro2 Demo
REVISION HISTORY:	v2 - Corrected default ID to be 00 instead of '00'