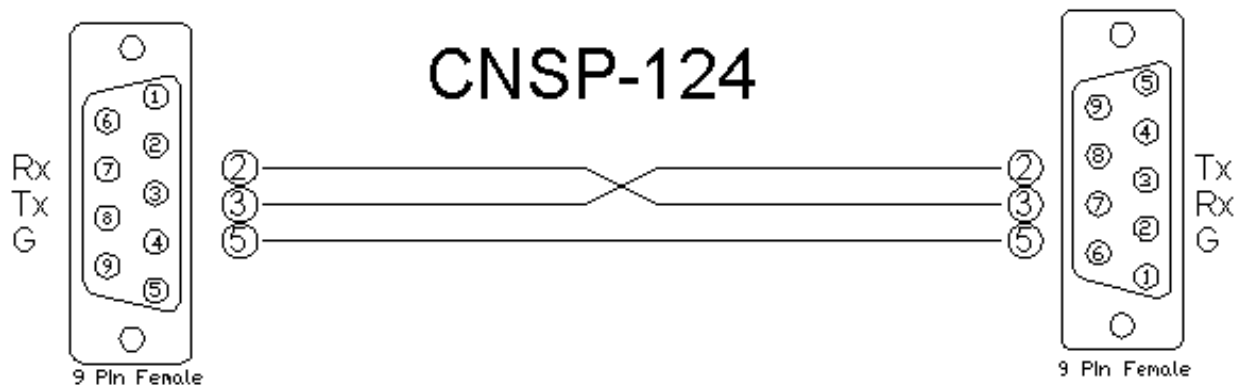


Partner: Sharp
Model: XG-MB70X
Device Type: DLP Projector



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Sharp XG-MB70X
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	This module provides control and true feedback for the Sharp XG-MB70X video projector.
GENERAL NOTES:	This module controls the Sharp XG-MB70X video projector. It also provides true feedback.
CRESTRON HARDWARE REQUIRED:	C2I-COM, C2COM-2, C2COM-3, ST-COM, CNXCOM, CNXCOM-2
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 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/Off/Toggle	D	Pulse to turn the projector on and off.
Input_*	D	Pulse to select the input.
Video_Mute_On/Off/Toggle	D	Pulse to turn the video mute on and off.
Freeze_On/Off/Toggle	D	Pulse to turn the freeze function on and off.
Aspect_Ratio_*	D	Pulse to select the aspect ratio.
Picture_Mode_*	D	Pulse to select the picture mode.
Auto_Power_Off_Enable/Diable/Toggle	D	Pulse to enable and disable the auto power off function.
Volume_Up/Down	D	Press and hold to adjust the volume level.
Volume_Mute_On/Off/Toggle	D	Pulse to turn the volume mute on and off.
Speaker_On/Off/Toggle	D	Pulse to turn the speaker output on and off.
Pol_Enable	D	Hold high to enable polling.
From_Device\$	S	Serial signal to be routed from a 2-way serial com port.

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FEEDBACK:

Power_On/Off_Fb	D	High to indicate the current power state.
Input_*_Fb	D	High to indicate the currently selected input.
Video_Mute_On/Off_Fb	D	High to indicate the current video mute state.
Freeze_On/Off_Fb	D	High to indicate the current freeze state.
Aspect_Ratio_*_Fb	D	High to indicate the currently selected aspect ratio.
Picture_Mode_*_Fb	D	High to indicate the currently selected picture mode.
Auto_Power_Off_Enable/Disable_Fb	D	High to indicate whether the auto power off function is enabled or disabled.
Economy_Mode_*_Fb	D	High to indicate the current economy mode state.
Volume_Level_Bar	A	Analog value indicating the current volume level. To be displayed using a bar graph on a touch panel.
Volume_Mute_On/Off_Fb	D	High to indicate the current volume mute state.
Speaker_On/Off_Fb	D	High to indicate the current speaker output state.
No_Input_Signal_Fb	D	High to indicate that the currently selected input has no signal.
Lamp_Hours	A	Analog value indicating the current lamp hours. To be displayed using a digital gauge on a touch panel.
To_Device\$	S	Serial signal to be routed to a 2-way serial com port.

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**TESTING:**

OPS USED FOR TESTING:	PRO2: 3.137 CNMSX-Pro: 5.14.02
COMPILER USED FOR TESTING:	2.05.22
SAMPLE PROGRAM:	Sharp XG-MB70X Demo
REVISION HISTORY:	V. 1.0