Partner: Sharp
Model: LC-M3700
Device Type: LCD Monitor

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Sharp LC-M3700
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	This module controls the Sharp LC-M3700 and provides true feedback.
GENERAL NOTES:	This module will control the Sharp LC-M3700 LCD monitor. It also provides true feedback. NOTE: The aspect ratio names listed are for inputs 1, 2, and 3 component. For input 3 RGB and the pc inputs the aspect ratios are as follows. They are selected using the listed names. Listed Name — PC Name Normal — Normal Full 14:9 — Full Zoom 14:9 — Cinema Panorama — Dot-by-Dot
CRESTRON HARDWARE REQUIRED:	CNXCOM, CNXCOM-2, ST-COM, C2COM, C2COM-3, C2COM-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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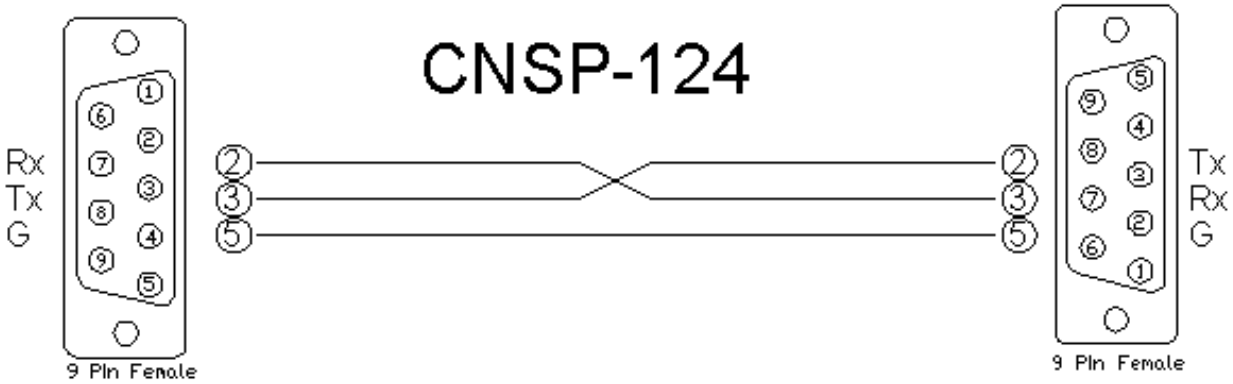

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CONTROL:

Power_On/Off/Toggle	D	Pulse to turn the LCD on and off.
Input_*	D	Pulse to select the input.
Input_1_*	D	Pulse to select the input type for input 1.
Input_2_*	D	Pulse to set input 2 as an input or an output.
Input_3_*	D	Pulse to select the input type for input 3.
Input_PC_*	D	Pulse to select the input type for input PC.
Aspect_*	D	Pulse to select the aspect ratio. SEE NOTE ABOVE.
Volume_Up/Down	D	Press and hold to adjust the volume.
Volume_Mute_On/Off/Toggle	D	Pulse to turn the volume mute on and off.
Poll_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.
Input_1_*_Fb	D	High to indicate the current input type for input 1.
Input_2_*_Fb	D	High to indicate the current input/output setting for input 2.
Input_3_*_Fb	D	High to indicate the current input type for input 3.
Input_PC_*_Fb	D	High to indicate the current input type for the pc input.
Aspect_*_Fb	D	High to indicate the currently selected aspect.
Volume_Bar	A	Analog signal indicating the current volume level. To be displayed on a bar graph on a touch panel.
Volume_Mute_On/Off_Fb	D	High to indicate the current state of the volume mute.
To_Device$	S	Serial signal to be routed to a 2-way serial com port.

TESTING:

OPS USED FOR TESTING:	PRO2: 3.137 CNMSX: 5.14.02
COMPILER USED FOR TESTING:	2.05.22
SAMPLE PROGRAM:	Sharp LC-M3700 Demo
REVISION HISTORY:	V. 1.0

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