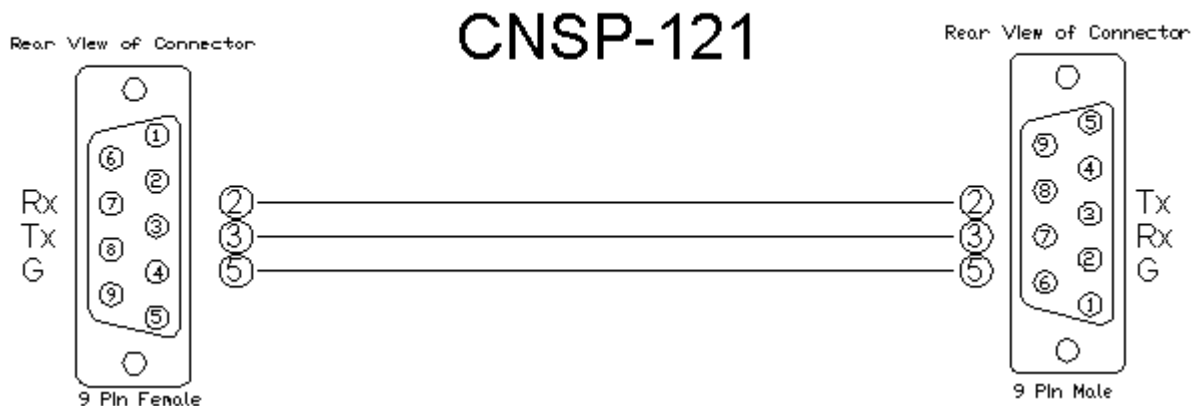


Partner: LG
Model: M5500C
Device Type: LCD Display



GENERAL INFORMATION

SIMPLWINDOWS NAME:	LG M5500C v1.0
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	Controls power, source selection, aspect ratio, PIP and picture controls.
GENERAL NOTES:	This module provides control and true feedback for the LG M5500C LCD display.
CRESTRON HARDWARE REQUIRED:	C2I-COM, ST-COM, C2-COM-* or CNX-COM2
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	Unknown
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-121



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CONTROL:

Power_On	D	Pulse to turn the display on.
Power_Off	D	Pulse to turn the display off.
Power	D	Pulse to select TV.
Input_*	D	Pulse to select the input.
Aspect_Ratio_*	D	Pulse to select the aspect ratio.
Picture_Mute_On	D	Pulse to turn the picture mute on.
Picture_Mute_Off	D	Pulse to turn the picture mute off.
Picture_Mute	D	Pulse to toggle between picture mute on/off.
OSD_On	D	Pulse to turn OSD on.
OSD_Off	D	Pulse to turn OSD off.
PIP/DW_Off	D	Pulse to set PIP or dual window mode off.
PIP_On	D	Pulse to select PIP on.
DW_1_On	D	Pulse to turn the dual window 1 mode on.
DW_2_On	D	Press to turn the dual window 2 mode on.
PIP_Position_Top_Left	D	Press to select PIP position top left.
PIP_Position_Top_Right	D	Press to select PIP position top right.
PIP_Position_Bottom_Left	D	Pulse to select PIP position bottom left.
PIP_Position_Bottom_Right	D	Pulse to select PIP position bottom right.
PIP_Position_Cycle	D	Pulse to cycle through PIP positions.
PIP_Input_*	D	Pulse to select PIP input source.
PIP_Swap	D	Pulse to swap sources between PIP and main window.

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Contrast_Up/Down	D	Press to adjust contrast.
Brightness_Up/Down	D	Press to adjust brightness.
Color_Up/Down	D	Press to adjust color.
Sharpness_Up/Down	D	Press to adjust sharpness.
Volume_Up/Down	D	Press to adjust volume.
Volume_Mute_On	D	Pulse to turn volume mute on.
Volume_Mute_Off	D	Pulse to turn volume mute off.
Volume_Mute	D	Pulse to toggle between volume mute on and off.
Color_Temperature_*	D	Pulse to select color temperature.
Poll_Enable	D	Latch high to enable polling.
From_Device\$	S	Serial data signal to be routed from a 2 way com port.

FEEDBACK:

Power_On_Fb	D	High to indicate power on status.
Power_Off_Fb	D	High to indicate power off status.
Input_*_Fb	D	High to indicate the current input.
Aspect_Ratio_*_Fb	D	High to indicate the current aspect ratio.
Picture_Mute_On_Fb	D	High to indicate picture mute on status.
Picture_Mute_Off_Fb	D	High to indicate picture mute off status.
OSD_On_Fb	D	High to indicate OSD on status.
OSD_Off_Fb	D	High to indicate OSD off status.
PIP/DW_Off_Fb	D	High to indicate PIP and dual window mode off.

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PIP_On_Fb	D	High to indicate PIP on status.
DW_1_On_Fb	D	High to indicate dual window 1 mode status.
DW_2_On_Fb	D	High to indicate dual window 2 mode status.
PIP_Position_Top_Left_Fb	D	High to indicate PIP position top left.
PIP_Position_Top_Right_Fb	D	High to indicate PIP position top right.
PIP_Position_Bottom_Left_Fb	D	High to indicate PIP position bottom left.
PIP_Position_Bottom_Right_Fb	D	High to indicate PIP position bottom right.
PIP_Input_*_Fb	D	Indicates the current source for the PIP.
Contrast_Bar	A	Shows the relative contrast level. Can be routed to a bargraph on a touch panel.
Brightness_Bar	A	Shows the relative brightness level. Can be routed to a bargraph on a touch panel.
Color_Bar	A	Shows the relative color level. Can be routed to a bargraph on a touch panel.
Sharpness_Bar	A	Shows the relative sharpness level. Can be routed to a bargraph on a touch panel.
Volume_Bar	A	Analog value indicating the current volume level. To be displayed using a bar graph on a touch panel.
Volume_Mute_On_Fb	D	High to indicate volume mute is on.
Volume_Mute_Off_Fb	D	High to indicate volume mute is off.
To_Device\$	S	Serial data signal to be routed to a 2 way com port.

TESTING:

OPS USED FOR TESTING:	3.155_1240
SIMPL WINDOWS USED FOR TESTING:	2.08.38
CRES DB USED FOR TESTING:	18.7.8

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SYMBOL LIBRARY USED FOR TESTING:	472
SAMPLE PROGRAM:	LG M5500C v1.0 Demo PRO2
REVISION HISTORY:	v1.0