

Partner: RevolutionHD
Model: S42LTD
Device Type: LCD TV

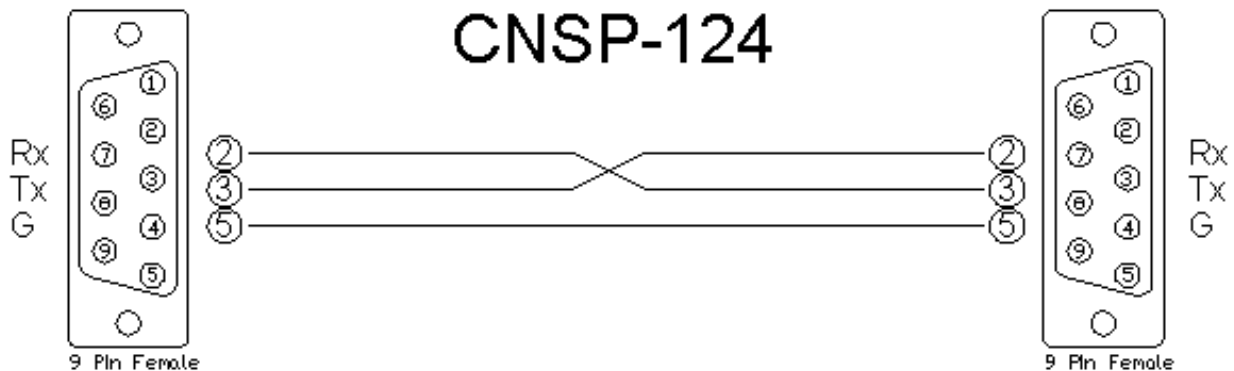


GENERAL INFORMATION

SIMPLWINDOWS NAME:	RevolutionHD S42LTD v2.0
CATEGORY:	LCD TV
VERSION:	2.0
SUMMARY:	This module will control the RevolutionHD S42LTD LCD TV.
GENERAL NOTES:	<p>This module will control the RevolutionHD S42LTD LCD TV. True feedback is provided for all functions. When any command is sent to the LCD, the module will acknowledge that the command was processed properly and the corresponding feedback will be reflected at the outputs of this module. An active signal must be present at one of the LCD's inputs before acquiring accurate feedback.</p> <p>Note: This unit provides feedback only after a function has been triggered via RS-232. If functions are triggered using either the IR remote or LCD front panel, they will not be reflected in this module's status feedback.</p> <p>This module is SystemBuilder compatible.</p>
CRESTRON HARDWARE REQUIRED:	CNX-COM2, ST-COM, 2-Series Processor, C2COM3
SETUP OF CRESTRON HARDWARE:	<p>RS232</p> <p>Baud: 9600</p> <p>Parity: N</p> <p>Data Bits: 8</p> <p>Stop Bits: 1</p>
VENDOR FIRMWARE:	None
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-124

Rear View of Connector

Rear View of Connector



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CONTROL:

Power_On/Off/Toggle	D	Pulse to change LCD power state.
Input_*	D	Pulse to select input source.
KP_*	D	Pulse to select numbers 0 through 9 on keypad.
KP_Dot	D	Pulse to select dot when entering channel number for request.
KP_Clear	D	Pulse to clear channel number request value.
KP_Enter	D	Pulse to submit channel request.
Air_Mode	D	Pulse to select air mode for TV source.
Cable_Mode	D	Pulse to select cable mode for TV source.
Channel_Up/Down	D	Pulse to select channel up or down.
Previous_Channel	D	Pulse to return to previous channel.
Color_*	D	Pulse to select color mode.
Video_Size_*	D	Pulse to select the screen size.
Contrast_Up/Down	D	Press to adjust image contrast.
Brightness_Up/Down	D	Press to adjust image brightness.
Color_Up/Down	D	Press to adjust image color.
Tint_Up/Down	D	Press to adjust image tint.
Sharpness_Up/Down	D	Press to adjust image sharpness.
Still_On/Off	D	Pulse to turn still mode on and off.
PIP_Size	D	Pulse to scroll through available PIP sizes.
PIP_Source	D	Pulse to scroll through available PIP sources.
PIP_Position	D	Pulse to scroll through available PIP positions.
PIP_Swap	D	Pulse to swap PIP source with main picture.
Volume_Up/Down	D	Press to adjust unit volume level.

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Volume_Mute_On/Off	D	Pulse to turn audio mute on and off.
Sleep_Time	D	Pulse to scroll through available sleep times.
From_Device	S	Serial signal to be routed from an RS-232C port

FEEDBACK:

Power_Is_On/Off	D	Indicates unit's current power status.
Input_Is_*	D	Indicates unit's current input source selection.
Channel_Request_Text	S	This is the value of the channel that will be requested upon pulsing the "KP_Enter" signal.
Air_Mode_Selected	D	Indicates that air mode is selected for TV signal.
Cable_Mode_Selected	D	Indicates that cable mode is selected for TV signal.
Color_Is_*	D	Indicates the unit's current color mode.
Video_Size_Is_*	D	Indicates the unit's current screen size.
Volume_Value	A	Indicates unit's current volume level.
Volume_Mute_Is_On/Off	D	Indicates unit's current audio mute status.
To_Device	S	Serial data signal to be routed to a 2 way com port.

TESTING:

OPS USED FOR TESTING:	v3.155.1240
SIMPL WINDOWS USED FOR TESTING:	v2.10.32
CRES DB USED FOR TESTING:	v20.01.008.00
DEVICE DATABASE:	v20.03.013.00
SYMBOL LIBRARY USED FOR TESTING:	V576
SAMPLE PROGRAM:	RevolutionHD S42LTD v2.0 Demo PRO2.smw
REVISION HISTORY:	v1.0 – Original release. v2.0 – Revised module to work with the S42LTD v2 unit.