

Partner: Sharp
 Model: LC-52LE925UN
 Device Type: LCD Display



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Sharp LC-52LE925UN IP v1.1
CATEGORY:	TV/Video Projector
VERSION:	1.1
SUMMARY:	This module controls power, input selection, channel selection, A/V mode, aspect, volume, sleep mode, closed captioning, surround modes and audio mode.
GENERAL NOTES:	<p>Typically, you could enable the polling option when the display's particular control page is active and displayed on a touch panel. You would then disable polling at other times.</p> <p>To initially enable IP control, the unit should manually be turned on while connected to the control processor. The processor will then send a command to the unit to enable its TCP/IP port. From that point on control will be enabled.</p> <p>NOTE: This module depends on responses from the device. Thus, you cannot comment out the <code>{{TCP/IP_Client_>>_RX\$}}</code> signal name. This module is SystemBuilder compatible.</p>
CRESTRON HARDWARE REQUIRED:	C2-ENET
SETUP OF CRESTRON HARDWARE:	TCP/IP Client PORT: 10008d
VENDOR FIRMWARE:	Unknown
VENDOR SETUP:	None
CABLE DIAGRAM:	N/A

CONTROL:

Power_<On/Off/Toggle>	D	Pulse to turn the display on or off.
Input_*	D	Pulse to select input source.
Input_TV	D	Pulse to select TV tuner as the source.
AV_Mode_*	D	Pulse to select AV mode.
Aspect_*	D	Pulse to select aspect ratio.
Effect_3D_*	D	Pulse to select specific 3D effect or to turn 3D off.

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Keypad_*	D	Pulse to select button 0-9.
Keypad_Dot	D	Pulse to select dot function for digital channels.
Keypad_Clear	D	Pulse to clear the TV channel request text field.
Keypad_Enter	D	Pulse to request the channel displayed in channel request text field.
Ch_<Up/Down>	D	Pulse to select channel up/down.
Air	D	Pulse to select over the air signal for TV.
Cable	D	Pulse to select cable signal for TV.
Volume_<Up/Down	D	Press to adjust volume level.
Volume_<Mute_On/Off/Toggle>	D	Pulse to turn audio mute on or off.
Sleep_*	D	Pulse to select sleep function.
Audio_Mode	D	Pulse to cycle through available audio mode.
Surround_Mode	D	Pulse to turn surround mode on and off.
Closed_Caption	D	Pulse to cycle through available closed caption modes.
Poll_Enable	D	Latch high to enable auto polling.
{{TCP/IP_Client_>>_Connect-F}}	D	Digital Signal to be routed from TCP/IP Client symbol Connect-F.
{{TCP/IP_Client_>>_status}}	A	Analog Signal to be routed from TCP/IP Client symbol status.
{{TCP/IP_Client_>>_RX\$}}	S	Serial Signal to be routed from TCP/IP Client symbol RX\$.

FEEDBACK:

Power_Is_<On/Off>	D	Latches high to indicate current power status.
Input_Is_*	D	Latches high to indicate current input source
AV_Mode_Is_*	D	Latches high to indicate current AV mode selection.
Aspect_Is_*	D	Latches high to indicate current aspect selection.
Effect_3D_Is_*	D	Latches high to indicate current 3D effect mode.

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Channel_Request_Text	S	Displays channel number to be requested upon pulsing the "KP_Enter" input signal.
Air_Selected	D	Latches high to indicate that the antenna signal has been selected for TV.
Cable_Selected	D	Latches high to indicate that cable signal has been selected for TV.
Volume_Level	A	Indicates current volume level for digital gauge definition on touchpanel.
Volume_Gauge	A	Indicates current volume level for a gauge definition on touchpanel.
Volume_Mute_Is_<On/Off>	D	Latches high to indicate current audio mute status.
Sleep_Is_*	D	Latches high to indicate current sleep mode setting.
Connected	D	High to indicate that there is a TCP/IP connection.
Connection_Status_Text	S	Text indicating the status of the TCP/IP connection.
{{Connect_>>_TCP/IP_Client}}	D	Digital Signal to be routed to TCP/IP Client symbol Connect.
{{TX\$_>>_TCP/IP_Client}}	S	Serial Signal to be routed to TCP/IP Client symbol TX\$.

PARAMETERS:

Port	P	Parameter TCP/IP Port. Default 10008d.
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TESTING:

OPS USED FOR TESTING:	v4.001.1012
SIMPL WINDOWS USED FOR TESTING:	2.12.44
DEVICE DB USED FOR TESTING:	31.00.003.00
CRES DB USED FOR TESTING:	23.05.010.00
SYMBOL LIBRARY USED FOR TESTING:	685
SAMPLE PROGRAM:	Sharp LC-52LE925UN IP v1.1 Demo PRO2
REVISION HISTORY:	v1.0 – Initial Release v1.1 – Logic redone