Partner: Planar
Model: Simplicity Series SLxx51
Device Type: LCD Display

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Planar Simplicity Series SLxx51 IP v1.0
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	This module controls IP communication with the Planar Simplicity Series SLxx51 displays. Applicable models: SL4351, SL4851, SL5551, SL6551
GENERAL NOTES:	This module is intended to control a single monitor. Video wall functionality is not implemented at this time. In order to ensure the module works correctly, Eco Mode must be set to "Normal" using the displays on-screen menu.
CRESTRON HARDWARE REQUIRED:	Crestron 2-Series* or 3-Series processor. **this module is set up to work with a 2-Series processor but has not been tested with one as of this writing.*
SETUP OF CRESTRON HARDWARE:	TCP/IP: Port: 5000
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	N/A

15 Volvo Drive • Rockleigh, NJ 07647
800.237.2041 / 201.767.3400

Partner: Planar
Model: Simplicity Series SLxx51
Device Type: LCD Display

PARAMETER:	
Monitor_ID	Setting to indicate the Monitor ID that has been set for the device.
Volume_Step_Size	Setting to indicate the single step amount to increment/decrement the volume.

15 Volvo Drive • Rockleigh, NJ 07647
800.237.2041 / 201.767.3400

Partner: Planar
Model: Simplicity Series SLxx51
Device Type: LCD Display

CONTROL:

Reinitialize	D	Pulse to re-establish communication with the monitor. Pulsing this signal is the equivalent of pulsing Disconnect followed by Connect.
Power_On	D	Pulse to turn on the monitor.
Power_Off	D	Pulse to turn off the monitor.
Power_Toggle	D	Pulse to toggle the power status of the monitor.
Input_[x]	D	Pulse to switch to current input on the monitor to [x].
Input_Cycle	D	Pulse to cycle to the next input of the monitor.
Volume_Up	D	Pulse to raise the volume of the monitor by 1 step. Hold to raise the volume of the monitor in 1 step increments until released.
Volume_Down	D	Pulse to lower the volume of the monitor by 1 step. Hold to lower the volume of the monitor in 1 step increments until released.
Volume_Set	A	Set the volume level of the monitor.
Volume_Mute_On	D	Pulse to mute the volume of the monitor.
Volume_Mute_Off	D	Pulse to unmute the volume of the monitor.
Volume_Mute_Toggle	D	Pulse to toggle the volume mute status of the monitor.
IR_[x]	D	Pulse to send an IR emulation command to the monitor for [X].
Poll_Enable	D	Latch high to enable polling the monitor for the status of all relevant attributes. Unlatch to turn off polling. *Note: the monitor does not provide unsolicited feedback. Enabling polling is highly recommended for accurate and up-to-date feedback.*
{{TCP/IP_Client_>>_Connect-F}}	D	Digital signal to be routed from the TCP/IP client symbols Connect-F signal.
{{TCP/IP_Client_>>_status}}	A	Analog signal to be routed from the TCP/IP client symbols status signal.
{{TCP/IP_Client_>>_RX$}}	S	Serial signal to be routed from the TCP/IP client symbols RX$ signal.

15 Volvo Drive • Rockleigh, NJ 07647
800.237.2041 / 201.767.3400

Partner: Planar
Model: Simplicity Series SLxx51
Device Type: LCD Display

FEEDBACK:

Is_Communicating	D	High to indicate that communication has been established with the device. Once communication has been established, the module will attempt to initialize automatically.
Is_Initialized	D	High to indicate that the module's internal state variables are now synced with the device's current state. *Note: Outgoing commands will not be sent to the monitor until the module is initialized. However, heartbeat commands will continue to be sent.*
Power_Is_On	D	High to indicate the monitor is currently on.
Input_Is_[X]	D	High to indicate the current input of the monitor is set to [X].
Volume_Level	A	Value indicating the current volume level of the monitor.
Volume_Is_Muted	D	High to indicate the volume of the monitor is currently muted.
Polling_Is_Enabled	D	High to indicate the module is currently set to poll for device status.
Connect-F	D	High to indicate the TCP/IP client is connected. This signal is effectively a mirror of the Connect-F signal on the TCP/IP client. It is recommended that this signal be commented out in your program.
status	A	Value indicating the TCP/IP client connection status. This signal is effectively a mirror of the status signal on the TCP/IP client. It is recommended that this signal be commented out in your program.
{{Connect_>>_TCP/IP_Client}}	D	High to indicate the module is ready to connect to the device. This signal should be routed to the TCP/IP Client symbols Connect signal.
{{TX$_>>_TCP/IP_Client}}	S	Serial signal to be routed to the TCP/IP client symbols TX$ signal.

15 Volvo Drive • Rockleigh, NJ 07647
800.237.2041 / 201.767.3400

Partner: Planar
Model: Simplicity Series SLxx51
Device Type: LCD Display

TESTING:

OPS USED FOR TESTING:	RMC3: 1.011.0023
SIMPL WINDOWS USED FOR TESTING:	4.03.14.01
CRES DB USED FOR TESTING:	52.05.013.00
DEVICE DATABASE:	67.00.001.00
SYMBOL LIBRARY USED FOR TESTING:	956
SAMPLE PROGRAM:	Planar Simplicity Series SLxx51 Demo IP RMC3
REVISION HISTORY:	v1.0 – Initial Release

15 Volvo Drive • Rockleigh, NJ 07647
800.237.2041 / 201.767.3400