

Partner: Sharp
Model: PG-F320W
Device Type: DLP Projector



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Sharp PG-F320W TCP-IP v1.0
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	This module controls the Sharp PG-F320W projector via TCP/IP.
GENERAL NOTES:	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. For IP control, Port 10002d must be used in the TCP/IP client definition. This module is SystemBuilder compatible.
CRESTRON HARDWARE REQUIRED:	C2NENET-1, C2NENET-2
SETUP OF CRESTRON HARDWARE:	TCP/IP Port 10002d is the default.
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.
Aspect_*	D	Pulse to select aspect.
Mode_*	D	Pulse to select A/V mode.
Volume_Up/Down	D	Press to adjust volume level.
Volume_Mute_On/Off/Toggle	D	Pulse to turn audio mute on or off.
AV_Mute_On/Off/Toggle	D	Pulse to turn blank screen on or off.
Freeze_On/Off/Toggle	D	Pulse to turn freeze mode on or off.
Speaker_On/Off/Toggle	D	Pulse to turn the internal speaker on or off.

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OSD_On/Off/Toggle	D	Pulse to turn the on screen display on or off.
Lamp_Mode_Bright/Eco-Quiet	D	Pulse to select the desired lamp mode.
Fan_Mode_Normal/High/Toggle	D	Pulse to select the desired fan mode.
Contrast_Up/Down	D	Press to adjust contrast for the current input selected.
Brightness_Up/Down	D	Press to adjust brightness for the current input selected.
Auto_Sync	D	Pulse to auto sync.
Poll_Enable	D	Latch high to enable auto polling.
{{TCP/IP_Client_>>_Connect-F}}	D	To be connected to the "Connect_F" input on the TCP/IP client definition.
{{TCP/IP_Client_>>_status}}	A	To be connected to the "status" input on the TCP/IP client definition that will be communicating with the unit being controlled.
{{TCP/IP_Client_>>_RX\$}}	S	To be connected to the "RX\$" input on the TCP/IP client definition that will be communicating with the unit being controlled.

FEEDBACK:

Power_Is_On/Off	D	Latches high to indicate current power status.
Input_Is_*	D	Latches high to indicate current input source
Aspect_Is_*	D	Latches high to indicate current aspect selection.
Mode_Is_*	D	Latches high to indicate current mode selection.
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.
AV_Mute_Is_On/Off	D	Latches high to indicate current blank screen status.
Freeze_Is_On/Off	D	Latches high to indicate current freeze mode status.
Speaker_Is_On/Off	D	Latches high to indicate if the internal speaker is on or off.
OSD_Is_On/Off	D	Latches high to indicate the current on screen display status.

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Lamp_Is_*	D	Latched high to indicate the current lamp status(on, cooling or off)
Lamp_Mode_Is_*	D	Latched high to indicate the current lamp mode.
Contrast_Gauge	A	Indicates current contrast level for a gauge definition on touchpanel.
Brightness_Gauge	A	Indicates current brightness level for a gauge definition on touchpanel.
Lamp_Hours	A	Indicates lamp hours for a digital gauge definition on touchpanel.
Hours	A	Indicates the usage time of unit.
Connected	D	High to indicate that there is an IP connection to the plasma.
Connection_Status_Text	S	Indicates the current IP connection status to the plasma.
{{Connect_>>_TCP/IP_Client}}	D	To be connected to the "Connect" output on the TCP/IP client definition that will be communicating with the unit being controlled.
{{TX\$_>>_TCP/IP_Client}}	S	To be connected to the "TX\$" output on the TCP/IP client definition that will be communicating with the unit being controlled.

PARAMETERS:

Port_Number	A	This parameter is used by System Builder and has no effect when this module is being used in a program developed in Simpl Windows. Default is 10002d.
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TESTING:

OPS USED FOR TESTING:	v4.001.1012
SIMPL WINDOWS USED FOR TESTING:	2.11.10
DEVICE DB USED FOR TESTING:	20.07.005.00
CRES DB USED FOR TESTING:	20.04.008.00
SYMBOL LIBRARY USED FOR TESTING:	593
SAMPLE PROGRAM:	Sharp PG-F320W TCP-IP v1.0 Demo PRO2
REVISION HISTORY:	v1.0