

Partner: Sony
Model: VPL-FH500L
Device Type: LCD Projector



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Sony VPL-FH500L v1.0
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	Power, Source Select, Picture Mute, Lamp Mode, Lamp Light Mode, Aspect Ratio, Picture Mode, Contrast, Brightness, Color, Hue, Sharpness, Volume, Lens Control and Elapsed Lamp Hours.
GENERAL NOTES:	<p>This module will control the Sony VPL-FH500L projector. True feedback is provided for all functions including elapsed lamp hours. When any command is sent to the projector, it will acknowledge that the command was processed properly and the corresponding feedback will be reflected at the outputs of this module. Picture settings will only be updated when the appropriate input is selected.</p> <p>This module was tested with the Sony VPL-FX30. Sony uses the same protocol on most of their projectors. This module should also work on the following models:</p> <ul style="list-style-type: none">• VPL-FX500L <p>This module is System Builder compatible.</p>
CRESTRON HARDWARE REQUIRED:	C21-COM6, C2-COM2/3, CNXCOM-6, CNX-COM2, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 38400 Parity: Even Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-122

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Color_<Up/Down>	D	Press to adjust color.
Hue_<Up/Down>	D	Press to adjust hue.
Sharpness_<Up/Down>	D	Press to adjust sharpness.
Focus_<In/Out>	D	Press to adjust focus.
Zoom_<In/Out>	D	Press to adjust zoom.
Lens_Shift_<Up/Down/Left/Right>	D	Press to adjust lens shift.
Keystone_<Up/Down>	D	Press to adjust keystone.
Multi_Screen_Mode_<On/Off/Toggle>	D	Press to turn multi screen mode on or off.
Input_2_*	D	Pulse to select secondary input.
Lamp_Light_Mode_<On/Lamp_1/Lamp_2>	D	Pulse to change the lamp light mode setting.
Poll_Enable	D	Latch high to enable polling.
Poll_Settings	D	Latch high to enable polling of settings.
From_Device	S	Serial signal to be routed from a 2-way serial com port.

FEEDBACK:

Power_Is_<On/Off>	D	High to indicate the current power state.
Is_Warming_Up	D	High to indicate that the projector is warming up.
Is_Cooling_Down	D	High to indicate that the projector is cooling down.
Input_Is_*	D	High to indicate the current input.
Aspect_Is_*	D	High to indicate the current aspect.
Picture_Mode_Is_*	D	High to indicate the current picture mode selected.
Lamp_Mode_Is_<High/Standard>	D	High to indicate the lamp mode setting.
Picture_Mute_Is_<On/Off>	D	High to indicate if picture mute is on or off.
Volume_Gauge	A	Analog value indicating volume level.

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Mute_Is_<On/Off>	D	High to indicate if audio mute is on or off.
Contrast_Gauge	A	Analog value indicating current contrast value.
Brightness_Gauge	A	Analog value indicating current brightness value.
Color_Gauge	A	Analog value indicating current color value.
Hue_Gauge	A	Analog value indicating current hue value.
Sharpness_Gauge	A	Analog value indicating current sharpness value.
Multi_Screen_Mode_Is_<On/Off>	D	High to indicate if multi screen mode is on or off.
Input_2_Is_*	D	High to indicate current secondary input.
Lamp_Light_Mode_Is_<On/Lamp_1/Lamp_2>	D	High to indicate current lamp light mode.
Lamp_<1/2>_Hours	A	Analog value indicating lamp hours for lamps 1 and 2.
To_Device	S	Serial signal to be routed to a 2-way serial com port.

TESTING:

OPS USED FOR TESTING:	4.001.1012
SIMPL WINDOWS USED FOR TESTING:	3.01.24
CRES DB USED FOR TESTING:	24.00.039.00
DEVICE DB USED FOR TESTING	32.00.019.00
SYMBOL LIBRARY USED FOR TESTING:	708
SAMPLE PROGRAM:	Sony VPL-FH500L v1.0 Demo PRO2.smw
REVISION HISTORY:	V. 1.0 – Original release.