

Partner: JVC
Model: DLA-SX21
Device Type: TV/Projector


GENERAL INFORMATION

SIMPLWINDOWS NAME:	JVC DLA-SX21 Projector
CATEGORY:	TV/Projector
VERSION:	1.0
SUMMARY:	Power, Source Select, Aspect Ratio, Resizing, Picture Mute, Brightness, Contrast, Color, Tint, Sharpness and Lamp Hours.
GENERAL NOTES:	<p>This module will control a JVC DLA-SX21 Projector. True feedback is provided for all functions except resizing. 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. The Power_On_FB will go high after the lamp strikes and the projector proceeds through its self test. This may take 10 seconds. If it is desired to poll the projector for changes made using the IR remote control, or by the controls on the projector itself, you can assert the Poll_Enable input. When this input is high, the projector will be polled every 15 seconds to determine the state of power, input source, aspect ratio and picture mute.</p> <p>If it is desired to poll the projector for picture setting changes made using the IR remote control, or by the controls on the projector itself, you can assert the Poll_Settings input. When this input is high, the projector will be polled every 45 seconds to determine the state of brightness, contrast, sharpness, color, tint and elapsed lamp hours. Typically, you could enable either polling option when the projector's particular control page is active and displayed on a touch panel. You would then disable polling at other times.</p>
CRESTRON HARDWARE REQUIRED:	C2-COM, ST-COM, CNMSX Internal Com Ports
SETUP OF CRESTRON HARDWARE:	Baud Rate - 19200 (Default) Parity - None Data Bits - 8 Stop Bits - 1
VENDOR FIRMWARE:	None
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-124



Picture_Mute_On	D	Activate picture mute (blank the screen).
Picture_Mute_Off	D	Deactivate picture mute (unblank the screen).
Brightness_Up/Down	D	Adjusts appropriate picture setting up/down.
Contrast_Up/Down	D	Adjusts appropriate picture setting up/down.
Sharpness_Up/Down	D	Adjusts appropriate picture setting up/down.
Color_Up/Down	D	Adjusts appropriate picture setting up/down.
Tint_Up/Down	D	Adjusts appropriate picture setting up/down.
Poll_Enable	D	When high, the screen will be polled for its general settings every 15 seconds.
Poll_Settings	D	When high, the screen will be polled for its picture settings and Lamp Hours every 45 seconds.
From_Device\$	S	Serial data signal to be routed from a 2 way com port.
UNIT_ID_ASCII	P	Enter an ASCII character that represents the projector's ID Valid parameters are 0 through F. 0 is the global parameter.

FEEDBACK:

Power_On/Off/Tog_FB	D	Real feedback indicating when power is on.
Input*_FB	D	Real feedback indicating which source is currently being displayed.
Aspect*_FB	D	Real feedback indicating current aspect ratio.
Picture_Mute_On/Off_FB	D	Real feedback indicating the state of picture mute
*_Bar	A	Picture setting's current level. Route to a TP bar graph.
Lamp_Hours	A	Decimal value of elapsed lamp hours.
To_Device\$	S	Serial data signal to be routed to a 2 way com port.

**TESTING:**

OPS USED FOR TESTING:	X-GEN SERIES 5.12.63 2 Series 3.080
SIMPLWINDOWS USED FOR TESTING:	2.04.14
SAMPLE PROGRAM:	JVC DLA-SX21 Projector Pro2 Demo
REVISION History:	None