

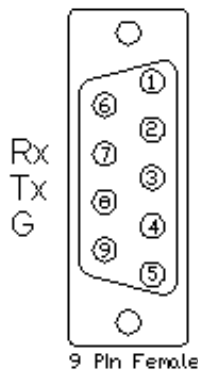
Partner: Canon
Model: REALiS SX800
Device Type: Video Projector



GENERAL INFORMATION

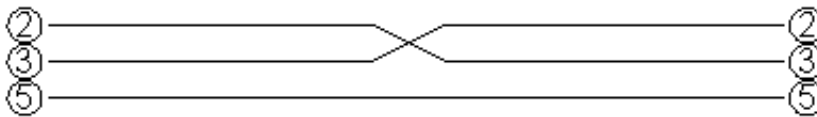
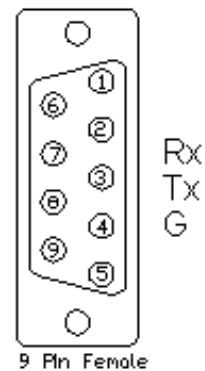
SIMPLWINDOWS NAME:	Canon REALiS SX800 v1.0
CATEGORY:	Video/Data Projector
VERSION:	1.0
SUMMARY:	This module provides control and feedback for the Canon REALiS SX800.
GENERAL NOTES:	This module provides control for the Canon REALiS. It also provides true feedback. The module will poll the projector for a certain property (power, input, aspect, etc.) every 2 seconds. This module is SystemBuilder compatible.
CRESTRON HARDWARE REQUIRED:	C2I-COM6, C2-COM2/3, CNXCOM-6, CNX-COM2, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 19200 Parity: None Data Bits: 8 Stop Bits: 2
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-124

Rear View of Connector



CNSP-124

Rear View of Connector



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CONTROL:

Power_On/Off/Toggle	D	Pulse to turn the projector on and off.
Input_*	D	Pulse to select the input.
Aspect_*	D	Pulse to select the aspect ratio.
Image_*	D	Pulse to select the image.
Lamp_Mode_*	D	Pulse to select the lamp mode.
Brightness_Up/Down	D	Press and hold to adjust the brightness.
Sharpness_Up/Down	D	Press and hold to adjust the sharpness.
Contrast_Up/Down	D	Press and hold to adjust the contrast.
Volume_Up/Down	D	Press and hold to adjust the volume.
Volume_Mute_On/Off/Toggle	D	Pulse to turn the volume mute on and off.
Blank_On/Off/Toggle	D	Pulse to turn blank mode on and off.
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.
Power_Warming_Up/Cooling_Down	D	High to indicate that the projector is cooling down or warming up.
Input_Is_*	D	High to indicate the currently selected input.
Aspect_Is_*	D	High to indicate the currently selected aspect ratio.
Image_Is_*	D	High to indicate the currently selected image.
Lamp_Mode_Is_*	D	High to indicate the current lamp mode.
*_Gauge	A	Analog signal indicating the current level for the picture quality and volume. To be displayed using a gauge on a touch panel.
Blank_Is_On/Off	D	High to indicate blank mode currently being on or off.

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Lamp_Hours	A	Analog value indicating the approximate lamp hours. This is NOT actual lamp hours. The feedback we get from the projector indicates ranges. The value here is the high end of the range.
Lamp_Steps	A	Analog value indicating the lamp status by a number of steps. There are 8 steps total. The ranges are 0-199, 200-399, 400-599, 600-799, 800-999, 1000-1199, 1200-1399, and 1400+.
To_Device	S	Serial signal to be routed to a 2-way serial com port.

TESTING:

OPS USED FOR TESTING:	v3.155.1240
SIMPL WINDOWS USED FOR TESTING:	v2.10.32
DEVICE DB USED FOR TESTING:	20.03.013.00
CRES DB USED FOR TESTING:	20.01.008.00
SYMBOL LIBRARY USED FOR TESTING:	576
SAMPLE PROGRAM:	Canon REALiS SX800 v1.0 Demo PRO2.smw
REVISION HISTORY:	V. 1.0 – Original release.