Partner: Renaissance Lighting
Model: RLView Geena Series
Device Type: Lighting
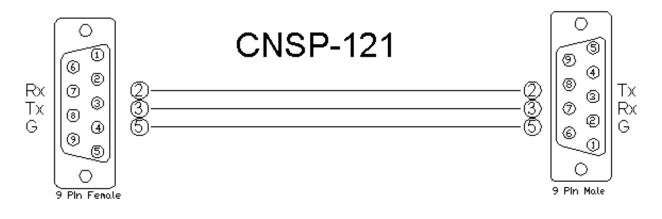
GENERAL INFORMATION

SIMPLWINDOWS NAME:	Renaissance Lighting RLView.umc
CATEGORY:	Lighting
VERSION:	1.00
SUMMARY:	This module controls most functions of the RLView protocol used to control the Renaissance Lighting Geena series lights.
GENERAL NOTES:	This module controls most functions of the RLView protocol used to control the Renaissance Lighting Geena series lights. At the time of development, two-way communication was not available; so all feedback is based on the last command sent. It does not reflect any changes made by any other devices such as the included Palm Pilot. Likewise, when switching to another fixture control address, the feedback will remain from the last fixture controlled.
CRESTRON HARDWARE REQUIRED:	C2I-COM, ST-COM, C2-COM-* or CNX-COM2
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	Unknown
VENDOR SETUP:	As per Vendor Manual
CABLE DIAGRAM:	CNSP-121

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Rx Tx G — 9 Pin Female

Tx Rx G — 9 Pin Male

CONTROL:

Address	A	Address of the fixture to be controlled. An address of 0d controls all of the fixtures in a chain. (Valid values are 0-255)
Brightness_Up	D	Press and hold to bring the brightness level up
Brightness_Down	D	Press and hold to bring the brightness level down
Brightness_Level	A	Analog signal to be tied to an external slider or ramp to set the level of the brightness (value = 0-65535). The level is scaled internal to the module down to 1-16 – the values accepted by the RLView software
Red_Up	D	Press and hold to increase the Red level output of the fixture address selected
Red_Down	D	Press and hold to decrease the Red level output of the fixture address selected
Red_Level	A	Analog signal to be tied to an external slider or ramp to set the level of the Red (value = 0-65535). The level is scaled internal to the module down to 0-255 – the values accepted by the RLView software
Green_Up	D	Press and hold to increase the Green level output of the fixture address selected
Green_Down	D	Press and hold to decrease the Red level output of the fixture address selected
Green_Level	A	Analog signal to be tied to an external slider or ramp to set the level of the Green (value = 0-65535). The level is scaled internal to the module down to 0-255 – the values accepted by the RLView software
Blue_Up	D	Press and hold to increase the Blue level output of the fixture address selected
Blue_Down	D	Press and hold to decrease the Blue level output of the fixture address selected
Blue_Level	D	Analog signal to be tied to an external slider or ramp to set the level of the Blue (value = 0-65535). The level is scaled internal to the module down to 0-255 – the values accepted by the RLView software

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Preset_*	D	Pulse to select the desired Color preset of the fixture address selected
White_*	D	Pulse to select the desired White preset level if the fixture address selected
Flash	D	Pulse to flash the fixture address selected once.
Run_Sequence	D	Pulse to put the fixture address selected into Sequence Mode (changing colors)
Super_Bright_*	D	Pulse to enable the spare LEDs On/Off for Superbright On/Off
Lights_Off	D	Pulse to turn off the fixture address selected
Reset	D	Pulse to Reset the fixture address's controller card

FEEDBACK:

Brightness_Bar	A	Feedback indicating the last Brightness command sent to the last selected fixture address
Red_Bar	A	Feedback indicating the last Red Level command sent to the last selected fixture address
Green_Bar	A	Feedback indicating the last Green Level command sent to the last selected fixture address
Blue_Bar	A	Feedback indicating the last Blue Level command sent to the last selected fixture address
To_Device$	S	Serial signal to be routed to the TX side of the com port used to control the device

TESTING:

OPS USED FOR TESTING:	v3.137 (Release)
COMPILER USED FOR TESTING:	2.00.31
SAMPLE PROGRAM:	Renaissance Lighting RLView Demo Pro2
REVISION HISTORY:	V. 1.0