

**Partner: Legrand**  
**Model: Adorne Lighting**  
**Device Type: RS232 Controller**



## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	Legrand adorne and On-Q Lighting
<b>CATEGORY:</b>	Lighting System
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module integrates the Legrand adorne and On-Q Lighting system using RS232.
<b>GENERAL NOTES:</b>	<p>This module was designed to control the Adorne lighting dimmer/switch modules through the MR232 Network Controller via a serial RS232 port.</p> <p>The modules were tested on a TSW-750 Touchscreen as well as a XPANEL Smart Graphics. To get started, add the modules to the project and follow the setup.</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	<p>3 series processor is required.</p> <p>Serial RS232 Port connected to the network controller.</p> <p>Serial Settings</p> <ul style="list-style-type: none"><li>• Baud Rate 38.4Kbd</li><li>• Data Bits 8</li><li>• Parity None</li><li>• Stop Bits 1</li><li>• Flow Control None</li></ul>
<b>SETUP OF CRESTRON HARDWARE:</b>	
<b>VENDOR FIRMWARE:</b>	0x07
<b>VENDOR SETUP:</b>	Follow the Adorne Lighting setup guide to configure the controller and lights with a house number, group id, and assigned groups.
<b>CABLE DIAGRAM:</b>	RS232 Cable

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## CONTROL:

Serial_Command_Out	S	Message to send to the serial port.
Device_Response	S	Message to send back to dimmer/switch module.
Device_Name	S	System Info – Name of Device
Firmware_Version	S	System Info – Firmware Version
Building_Number	S	System Info – Building Number
House_ID	S	System Info – House Identification Number
MAC_Address	S	System Info – Unique MAC Address
Last_Group_Pressed	S	Displays the last group pressed for setup

## FEEDBACK:

Save_preset_1	D	Transmit to the house to save current level as a house preset 1.
Save_preset_2	D	Transmit to the house to save current level as a house preset 2.
Save_preset_3	D	Transmit to the house to save current level as a house preset 3.
Save_preset_4	D	Transmit to the house to save current level as a house preset 4.
Save_preset_5	D	Transmit to the house to save current level as a house preset 5.
Save_preset_6	D	Transmit to the house to save current level as a house preset 6.
Save_preset_7	D	Transmit to the house to save current level as a house preset 7.
Save_preset_8	D	Transmit to the house to save current level as a house preset 8.
Save_preset_9	D	Transmit to the house to save current level as a house preset 9.
Save_preset_10	D	Transmit to the house to save current level as a house preset 10.
Recall_preset_1	D	Transmit a Recall House Preset to the whole house for preset 1.

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Recall_preset_2	D Transmit a Recall House Preset to the whole house for preset 2.
Recall_preset_3	D Transmit a Recall House Preset to the whole house for preset 3.
Recall_preset_4	D Transmit a Recall House Preset to the whole house for preset 4.
Recall_preset_5	D Transmit a Recall House Preset to the whole house for preset 5.
Recall_preset_6	D Transmit a Recall House Preset to the whole house for preset 6.
Recall_preset_7	D Transmit a Recall House Preset to the whole house for preset 7.
Recall_preset_8	D Transmit a Recall House Preset to the whole house for preset 8.
Recall_preset_9	D Transmit a Recall House Preset to the whole house for preset 9.
Recall_preset_10	D Transmit a Recall House Preset to the whole house for preset 10.
Recall_preset_11	D Transmit a Recall House Preset to the whole house for preset 11 which is one of the four special presets. Preset 11 is an All Off preset.
Recall_preset_12	D Transmit a Recall House Preset to the whole house for preset 12 which is one of the four special presets. Preset 12 is an All On preset.
Recall_preset_13	D Transmit a Recall House Preset to the whole house for preset 13 which is one of the four special presets. Preset 13 is a Daylight preset.
Recall_preset_14	D Transmit a Recall House Preset to the whole house for preset 14 which is one of the four special presets. Preset 14 is a Panic preset.
Device_Request	S Message sent from dimmer/switch module.
Serial_Data_In_Buffer	S Message sent from serial port.

## TESTING:

OPS USED FOR TESTING:	RMC3 1.010.0060
SIMPL WINDOWS USED FOR TESTING:	4.02.65
DEVICE DB USED FOR TESTING:	65.05.003.00
CRES DB USED FOR TESTING:	51.05.007.00
SYMBOL LIBRARY USED FOR TESTING:	944
SAMPLE PROGRAM:	Legrand Adorne Lighting
REVISION HISTORY:	V1.0 – Original Release