

Light is OSRAM

OSRAM

Our Brand

e:cue

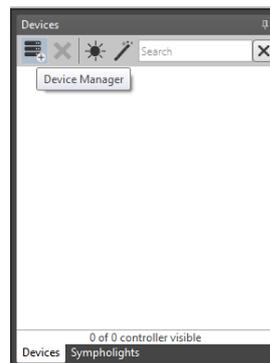
# RDM Addressing Guide

This guide describes how to set the DMX start address of connected RDM devices.

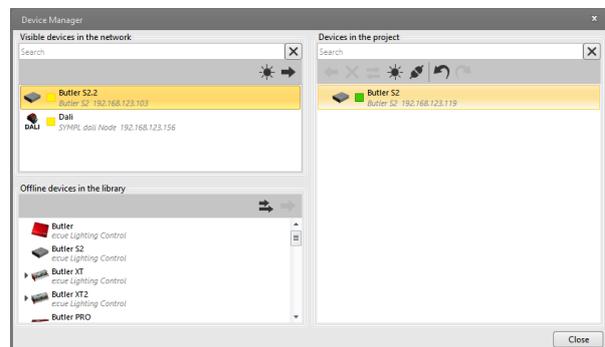
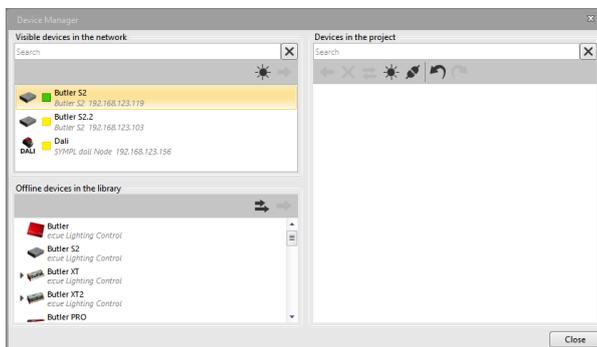
For this guide you will need to have the e:cue SYMPHOLIGHT (SL) or e:cue Lighting Application Suite (LAS) software installed. This guide will focus on SL but similar steps are required for the LAS.

You also need to have the RDM devices connected to the network and running. This guide will use the Traxon Allegro luminaires but it also applies to other Traxon and non Traxon RDM devices.

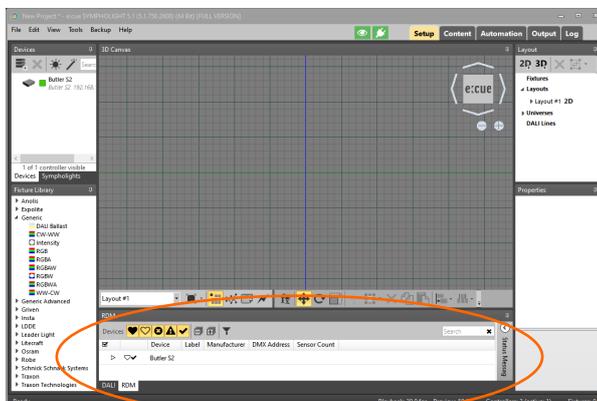
1. Open SL and add your DMX node or Butler etc. by clicking on **Devices** tab (in Setup tab) and then select **Device Manager**.



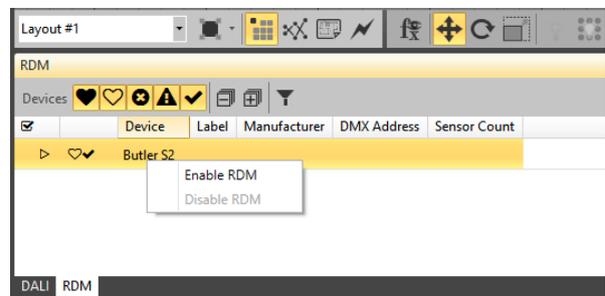
2. Add the output device to the project by double clicking the device in the left panel, it will then appear in the right panel. Once the output device is in the right panel you can close the device manager.



3. Select the **RDM** tab at the bottom of the screen.

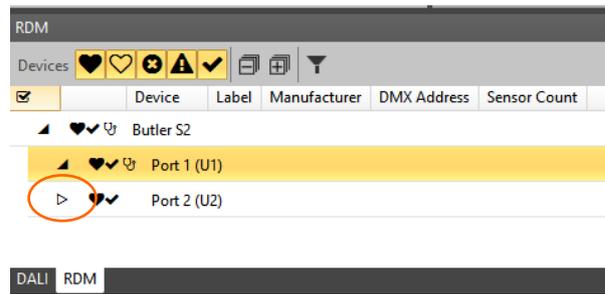
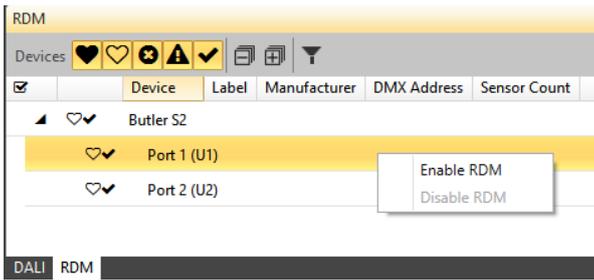


4. Enable RDM mode for the output device by right clicking on the output device and select **Enable RDM**.

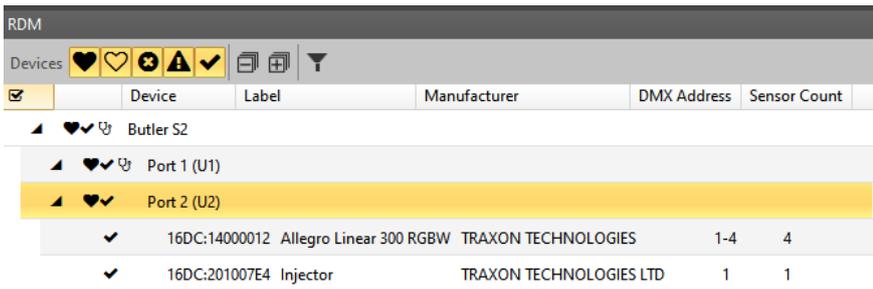


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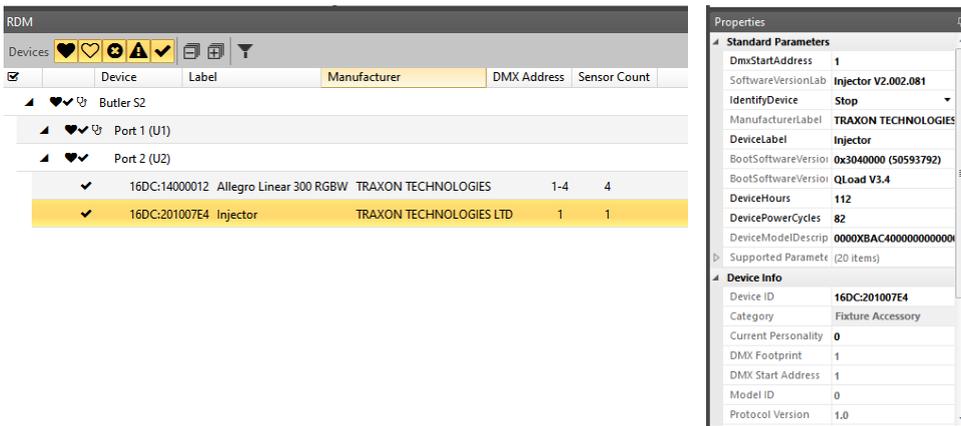
5. Repeat step 4 for each output port of the output device that the RDM devices are connected to.
6. If there are any RDM devices on the output device line then a triangle arrow will appear to the left, in this case port 2.



7. Click the triangle arrow and the list will expand revealing all of the detected devices on the output port of the output device.



8. Click on an RDM device, here the Injector. Now its properties are displayed in the Properties tab on the right hand side of the screen.



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9. Configure the properties that effect the addressing. The settings are immediately effective.

**DMX Start Address:** To affect this property, you must change the value of **Offset Segment Data**.

Example: required DMX Start Address value = 26.

**Offset Segment Data:** This will offset the **DMX Start Address** of the device by the value you specify plus 1, that is: Offset Segment Data value = DMX Start Address value - 1.

Example: 26 - 1 = 25.

**Offset DMX Out:** This value will offset the DMX data output of the current device to the next device on the circuit.

Example:

Properties	
Standard Parameters	
DmxStartAddress	1
SoftwareVersionLabel	Injector V2.002.081
IdentifyDevice	Stop
ManufacturerLabel	TRAXON TECHNOLOGIES I
DeviceLabel	Injector
BootSoftwareVersionI	0x3040000 (50593792)
BootSoftwareVersionI	QLoad V3.4
DeviceHours	112
DevicePowerCycles	82
DeviceModelIDDescripti	0000XBAC40000000000000
Supported Parameters: (20 items)	
Device Info	
Device ID	16DC:201007E4
Category	Fixture Accessory
Current Personality	0
DMX Footprint	1
DMX Start Address	1
Model ID	0
Protocol Version	1.0
Software Version	0x2020051 (33685585)
Personality Count	0
Sub-Device Count	0
Sensor Count	1
Manufacturer-Specific Parameters	
Offset Segment Data	0
Offset DMX Out	0
Sensors	
Sensor #0	39.0°C

Properties	
Standard Parameters	
DmxStartAddress	26
SoftwareVersionLabel	Injector V2.002.081
IdentifyDevice	Stop
ManufacturerLabel	TRAXON TECHNOLOGIES I
DeviceLabel	Injector
BootSoftwareVersionI	0x3040000 (50593792)
BootSoftwareVersionI	QLoad V3.4
DeviceHours	112
DevicePowerCycles	82
DeviceModelIDDescripti	0000XBAC40000000000000
Supported Parameters: (20 items)	
Device Info	
Device ID	16DC:201007E4
Category	Fixture Accessory
Current Personality	0
DMX Footprint	1
DMX Start Address	26
Model ID	0
Protocol Version	1.0
Software Version	0x2020051 (33685585)
Personality Count	0
Sub-Device Count	0
Sensor Count	1
Manufacturer-Specific Parameters	
Offset Segment Data	25
Offset DMX Out	0
Sensors	
Sensor #0	39.0°C

Herewith, the addressing is completed.