

Guide how to configure RC4 Series 3 dimmers using RDM



RC4 OneTouch™ makes it easy to assign any of 512 DMX channels and any of 4 dimmer curves to any RC4 dimmer with a single press of a single button.

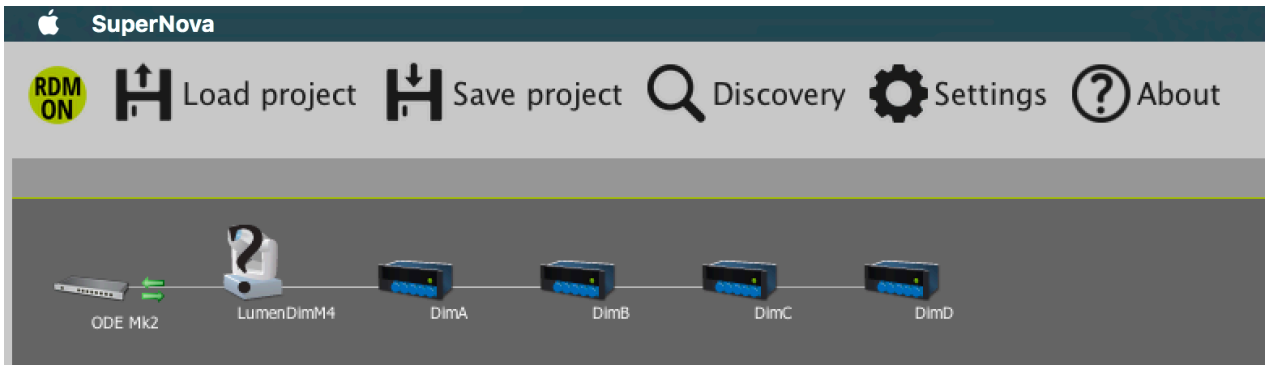
The first used DMX channel and its according value define the DMX start address and the dimmer curve. Use a bend paper clip > push "Set DIM A"

Besides the one-touch procedure there is one more method to simplify this set-up: RDM



Using RDM to configure any RC4 wireless dimmer

Advantage:
set-up DMX address, dimmer curve, PWM frequency on your computers´screen.

Pic 1, wired configuration



Two solutions

1.	2. (Pic 1)
wireless configuration of RC4 CRMX Lumenradio dimmers only > see video	wired configuration of RC4 LumenDim/Magic dimmers Series 3 using the DMX-IN adaptor
use a Lumenradio transmitter TX2 RDM: https://lumenradio.com/product/crmx-nova-tx2-rdm/	Use the ENTTEC ODE converter box in current LAN (LAN input > DMX output)
	

about 1000 €	about 200 €
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Step-by-step guide for ENTTEC solution 2 for Mac

For wireless configuration with solution 1 ignore A, B3, C1

A Hardware

1. connect the ENTTEC ODE box' LAN port with your local network (> your wifi router) using an ethernet cable
2. Plug the RC4 Adaptor 3.5 mm > DMX-IN adaptor into DMX-OUT of the ENTTEC box, 3.5 mm plug into the RC4 dimmer

B Software (free download)

1. Download and install [SuperNova](#) on your Mac
2. Download and install [Java](#) on your Mac
3. Download Enttecs [Node Mangement utility](#)

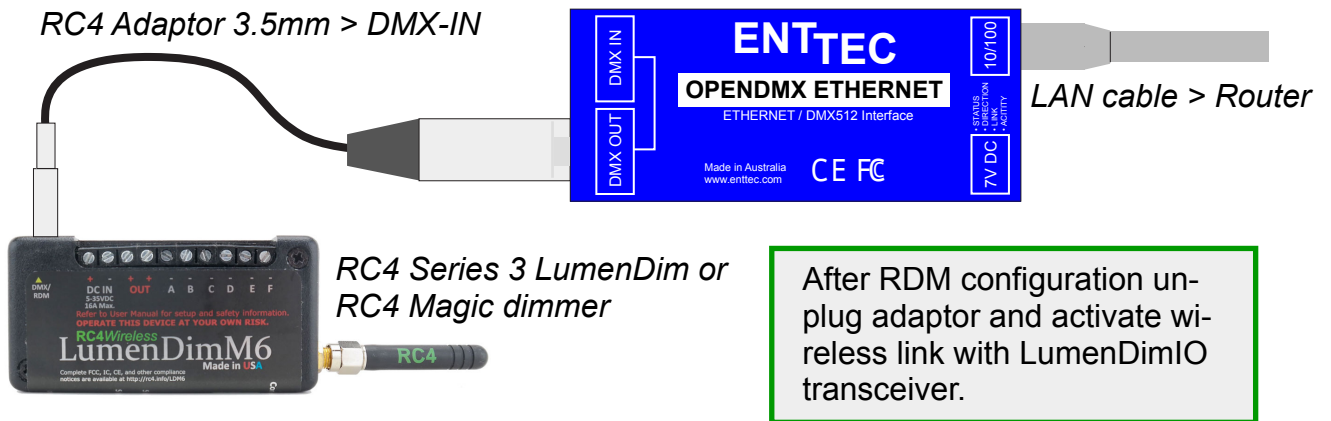
C Configuration

Make sure your CRMX Lumenradio transmitter and Luminair is turned OFF!

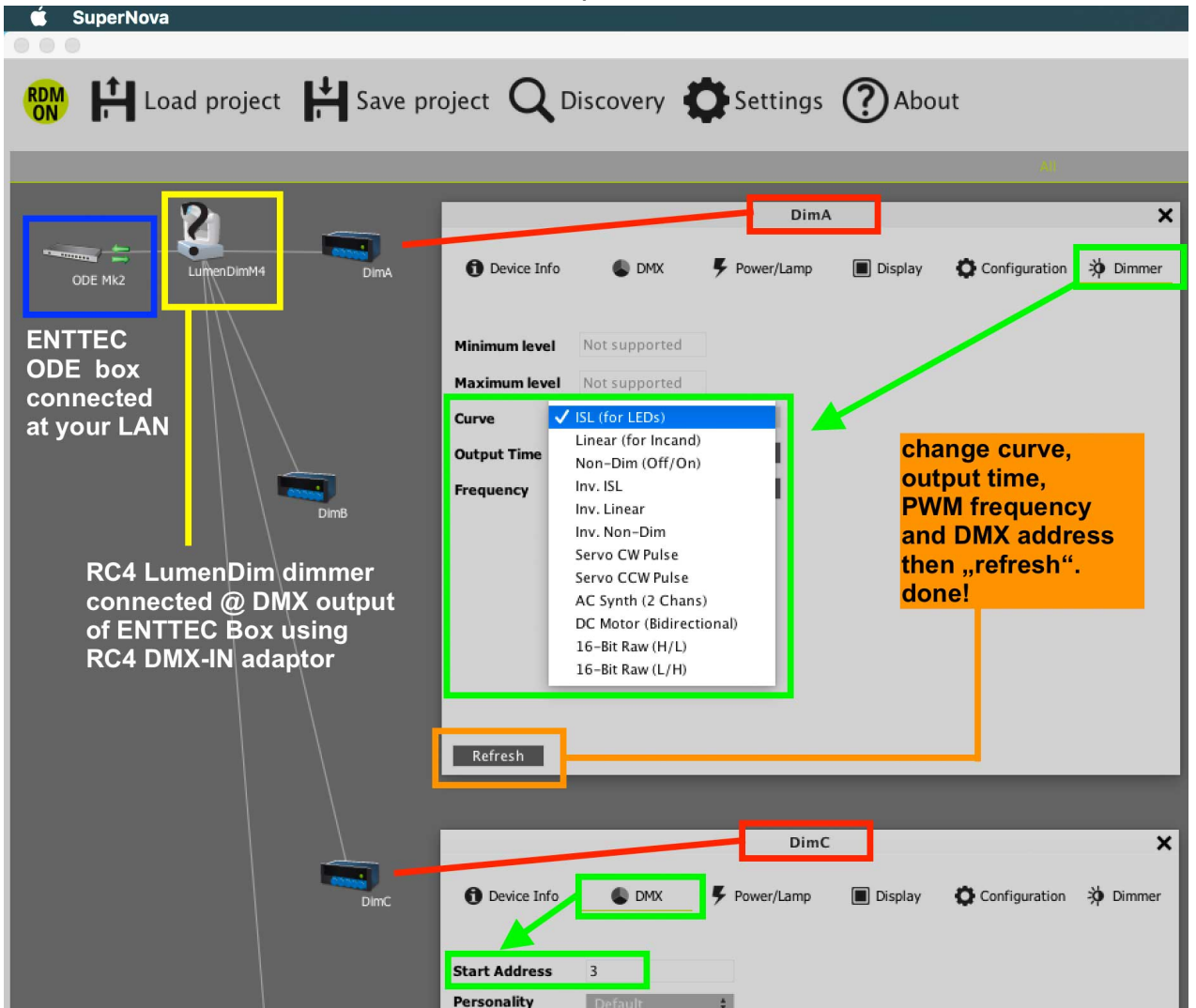
1. Launch Enttecs NMU utility > discovery > click on line "ODE (revC) ... > browser window opens > settings > @ DMX port settings > protocol > **make sure to tick box "RDM enabled" is ticked > save settings**
2. Launch SuperNova > double click on "discovery" > RC4 dimmer should appear as shown in Pic 1 on page 1, if required repeat discovry
- 3a. in SuperNova double click on e.g. "DimA" > double click Tab "DMX": change DMX address here > hit "refresh > new DMX address will be applied to RC4 dimmer
- 3b. in SuperNova double click on e.g. "DimA" > double click Tab "Dimmer": Change here curve, Output Time and Frequency as required > hit "refresh > new settings will be applied to RC4 dimmer
Also see Pic 2 on page 3

D Go ahead

1. Quit SuperNova
- 2a. Launch Luminair at your iPad > connect it to ENTTEC ODE
- 2b. **or** launch on your computer any other lighting control software
3. in Luminair add faders using the DMX channels priorly set-up with SuperNova > control the RC4 dimmer channels
4. Acticate the LumenDimIO transceiver > pair with LumenDim dimmer



Pic 2: Overview RC4 dimmer functions setup



If you figure out any issues please do not hesitate to contact me for support.

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With wireless regards,

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