Creating and controlling DMX fixtures from Resolume using ArtNet

> Bookstack under construction!

ArtNet Devices supported by Resolume

Resolume Arena 6 and up do not support Enttec DMX USB devices! If you'd like to use an Enttec DMX USB device, your only option is to stick with Arena 5. Or to use a different USB to DMX device.

At the HKU Blackboxes, we use a **Showtec NET 2/5 ,** Showtec NET 2/3 or ELC dmxLAN buddy as output device for sending DMX information from the PC to the lights. What is convenient about this setup vs using Enttec DMX USB (MKII and such), is that we can extend the Showtec NET 2/5 and ELC dmxLAN buddy by use of network cable, instead of USB cable. Example: if you want your lamps all the way at the far end of a large room, you can connect the PC and dongle via 30m network cable without signal loss, vs having to extend DMX cables/usb cables.

Showtec Net2/5



Manual about the NET 2/3 https://www.huss-licht-ton.de/images/products_download/Manual_34954_1.pdf

Manual about the NET 2/5 https://www.highlite.com/en/mwdownloads/download/link/id/17428216

ELC dmxLAN buddy



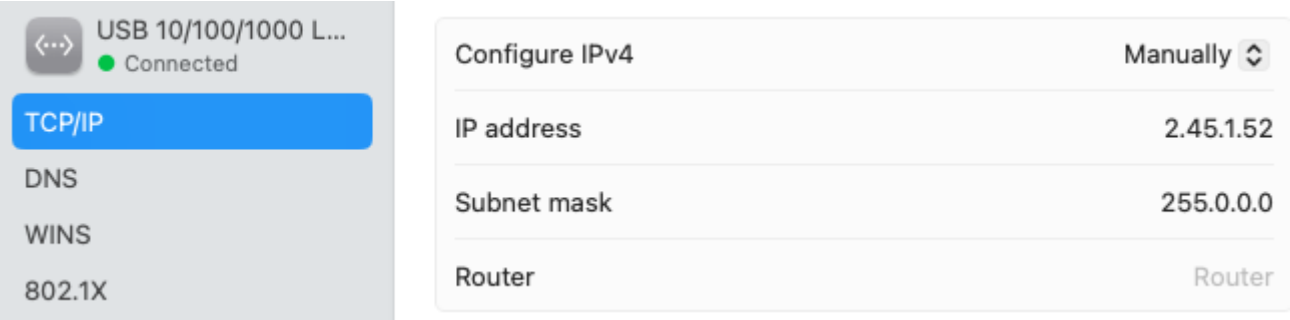
How to set up the network range of your computer (watch between 0:24 and 0:54) https://www.youtube.com/watch?v=7DKYnUdAKP8

How to set up dmxLAN buddy https://www.youtube.com/watch?v=s0ftQPZckE4&t=6s

Manual about dmxLAN buddy https://www.elclighting.com/wp-content/uploads/2022/09/Buddy-quickstart.pdf

Setting up the IP adres range and Subnet Mask of your LAN network and the dmxLAN buddy:

Computer IP address and subnet mask:



dmxLAN buddy IP address and subnet mask:



Resolume Tutorial - Using DMX as Output

For controlling lights using animations made with Resolume, straight from within the software

https://resolume.com/support/en/dmx



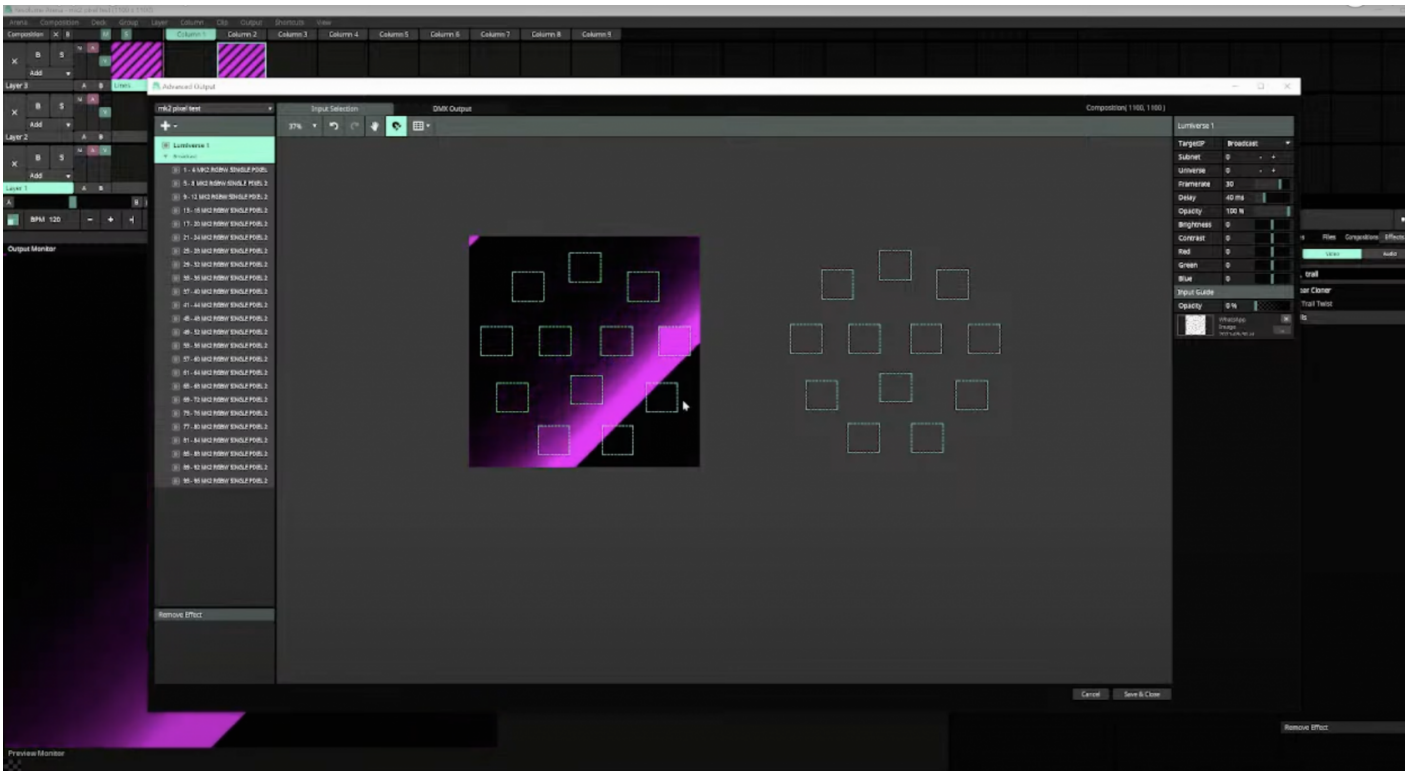
Image credit: Resolume

Tutorial about Mapping Pixels with DMX

In this tutorial, Resolume is used to create and control various **DMX Light fixtures.**

Every dmx light has its own specifications, pixel mapping possibilities and/or channel modes. Learn how to make your own light fixture layout for your personal lights in Resolume. Also how to decide what animations run over your fixture(s).

https://www.youtube.com/watch?v=LKtKUMT4ZOs



screenshot from YouTube video.

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