

Control lights from Isadora

Control lights from Isadora with ENTTEC-DMX

With this Isadora file you can control DMX lighting directly using an [ENTECC DMX USB PRO](#)

Download this file to get access to the user actors that control lights: [Fixtures and Light Control ENTTEC-DMX.izz](#)

Here you'll find some examples and also a scene with user actors for many of the lights that can be found at HKU.

Comment
This is the user actor that receives the lamp values and sends them to the ENTTECCDMX USB device. This actor will always have to be present if you're controlling lights in a patch.

DX - DMX Universe - Enttec compatible

- on Enable new msg -
- 1 Matrix In Port
- 1 Serial Out Port
- 30 Hertz threshold

Comment
Do not forget to setup and TURN ON the Serial Communications!
Communications -> Enable Serial Ports
Communications -> Serial Port Setup -> Device -> usbserial-EN250673 (or similar), or if you on windows COM3 (or similar)

Example

Enter Scene Trigger
trigger -

Envelope Generator
trigger -
3 segments
all trig mode
0 value 0
1 Sec rate 1
100 value 1
5 Sec rate 2
100 value 2
1 Sec rate 3
0 value 3
output 0
end trigger -

Comment
In this example, an envelope generator controls the lights intensity.

Color to RGBA
color red 255
green 52
blue 96
alpha 255

ColorSource PAR
10 startChan
0 Intensity
100 Red
20,3922 Green
37,6471 Blue
0 Strobe

Comment
This actor sends values to DMX channels.
startChan will be the lights first channel, in this case Intensity. So if startChan is 10, then the DMX channels will be:
10: Intensity
11: Red
12: Green
13: Blue
14: Strobe

Comment

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Sixpar 100

- 1 startChan
- 0 Red
- 0 Green
- 0 Blue
- 0 White
- 0 Amber
- 0 UV
- 0 Dimmer

Comment

Elation Sixpar 100
 Programmed for:
 7-channel mode

ColorSource PAR

- 1 startChan
- 0 Intensity
- 0 Red
- 0 Green
- 0 Blue
- 0 Strobe

Comment

ETC ColorSource PAR Deep Blue
 Programmed for:
 5-channel mode

Thunderwash RGB

- 1 startChan
- 0 Dimmer
- 0 Strobe
- 0 Red
- 0 Green
- 0 Blue
- 0 Sound

Comment

Cameo Thunderwash RGB
 Programmed for:
 6-channel 1 mode

ColorSource Spot

- 1 startChan
- 0 Intensity
- 0 Red
- 0 Green
- 0 Blue
- 0 Strobe

Comment

ETC ColorSource Spot Deep Blue
 Programmed for:
 5-channel mode

Thunderwash RGB+W

- 1 startChan
- 0 Dimmer
- 0 Strobe
- 0 Red
- 0 Green
- 0 Blue
- 0 White
- 0 Sound

Comment

Cameo Thunderwash RGB+W
 Programmed for:
 7-channel 1 mode

ColorSource Fresnel

- 1 startChan
- 0 Intensity
- 0 Red
- 0 Green
- 0 Blue
- 0 Strobe
- 0 Zoom

Comment

ETC ColorSource Fresnel V Max
 Programmed for:
 6-channel mode

Dimmer

- 1 startChan
- 0 Halogen01
- 0 Halogen02
- 0 Halogen03
- 0 Halogen04

Comment

Generic Dimmer
 Programmed for:
 3 or 4 channels

Nanlite Forza 60C 8bit HSI

- 0 startChan
- 0 Dimmer
- 0 Hue
- 0 Sat

Comment

Nanlite Forza 60C
 Programmed for:
 HSI 8bit mode

Nanlite Forza 60C 8bit CCT&RGBW

- 0 startChan
- 0 Dimmer
- 0 CCT
- 0 G/M
- 100 Crossfade
- 0 Red
- 0 Green
- 0 Blue

Comment

Nanlite Forza 60C
 Programmed for:
 CCT & RGBW 8bit mode

In order for RGBW control to be on, crossfade needs to be set to 100.

Crossfade fades between CCT & G/M (Correlated Color Temperature & Green / Magenta) and RGBW (Red

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