



NICOLAUDIE ARCHITECTURAL

DMX LIGHTING CONTROL SOLUTIONS



# Attractive projects deserve powerful lighting control



Swan Street Bridge, Melbourne, Australia - Illuminated by Coolon LED Lighting  
Lighting Design: Relume Consulting - Architect: BKK Architects

Nicolaudie Architectural offers innovative and advanced lighting control solutions for architectural lighting applications. Our solution is based on stand alone hardware controllers, programming software and mobile apps.

As a member of Nicolaudie Group, we benefit from years of research and development in architectural and entertainment lighting control. Hardware and software/mobile app development is shared between our sister companies located around the world.

Our fantastic team can support your projects and offer technical support and training on our control solutions. We are DMX lighting control specialists and you can count on our expertise for your projects!



STICK

# Wall-mounted lighting control



STICK range

# 5 products

stick

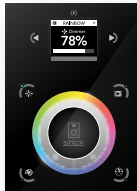
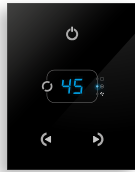
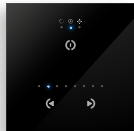
GU2

GA2

CW4

KE2

DE3



### General

Dimensions	86 x 86 x 11 mm	86 x 110 x 11 mm	106 x 146 x 10 mm	106 x 146 x 10 mm	106 x 146 x 10 mm
Weight	113g	145g	200g	200g	250g
USB connection	✓	✓	✓	✓	✓
Ethernet connection				✓	✓
WIFI connection			✓		
DMX channels	128	512	1024	1024	1024
Micro SD card				✓	✓
Light Cloud			✓		✓

### Software

ESA2 software	PC / Mac	PC / Mac	PC / Mac	PC / Mac	PC / Mac
ESA Pro software				PC	PC
ESA Pro 2 software	PC / Mac	PC / Mac	PC / Mac	PC / Mac	PC / Mac
Remote control apps			iOS / Android	iOS / Android	iOS / Android
Arcolis app			iOS / Android	iOS / Android	iOS / Android

### Stand alone

Number of scenes	24	99	36	200	500
Number of zones	1	1	1	5	10
Standalone memory	12K	76K			
Memory capacity			2729 steps	SD card limit	SD card limit
Memory (20 ch.)	840	3200			
Memory (60 ch.)	310	1200			
Memory (512 ch.)		140			
Power voltage	5-12V DC	5-12V DC	5-15V DC	5-6V DC	5-6V DC
Power connector	Screw terminal	Screw terminal	Screw terminal or RJ45	Screw terminal or RJ45	Screw terminal or RJ45

### Triggering

Live control	Col./Dim.	Col./Dim.	Col./Dim./Sat.	Col./Dim./Speed	Col./Dim./Speed
Touch sensitive buttons	3	4	12 + wheel	10 + wheel	12 + fader
Port triggers	1	8	8	8	8
Clock/calendar triggers			100	40	100
RS232				✓	✓
Internet control			✓	✓	✓
Ethernet integration				✓	✓

### Optional

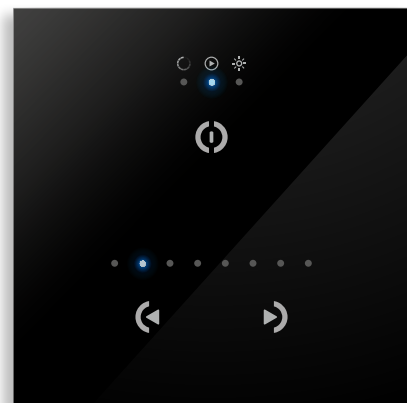
AC/DC adapter	Ref. POWER4M	Ref. POWER4M	Ref. POWER4M	Ref. POWER4M	Ref. POWER4M
RJ45 to block board			Ref. RJ2BLOCK	Ref. RJ2BLOCK	Ref. RJ2BLOCK

STICK-GU2

# As simple as a dimmer switch



GU2



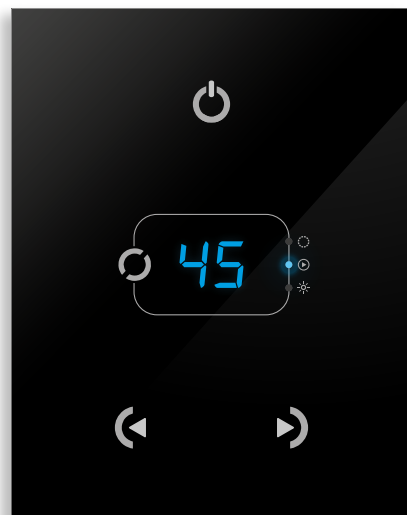
The dimmer switch of the 21st century is here. Available in black and white, the STICK 2 provides a simple yet powerful solution for your RGB lighting control needs.

STICK-GA2

# Simple, Efficient



GA2



The STICK-GA2 offers the best solution for projects requiring a large amount of scenes along with an uncluttered and intuitive interface.

STICK-CW4

# The genius of the STICK family

CW4

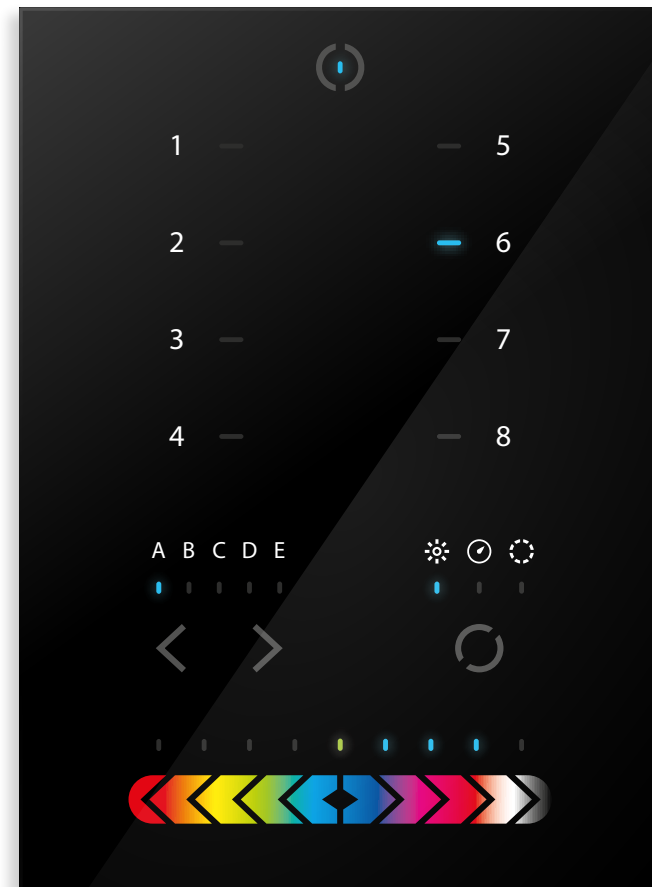


The STICK-CW4 programmable lighting controller, for RGB and RGBW lighting, has been designed around a touch sensitive color wheel. The controller is USB programmable from a PC or Mac using the ESA2 software.

Up to 36 scenes can be stored within the controller and directly recalled via six touch sensitive scene buttons. A button located in the center of the color wheel can be used to jump between scenes or reset a color change.

STICK-KE2

## The return of a precursor

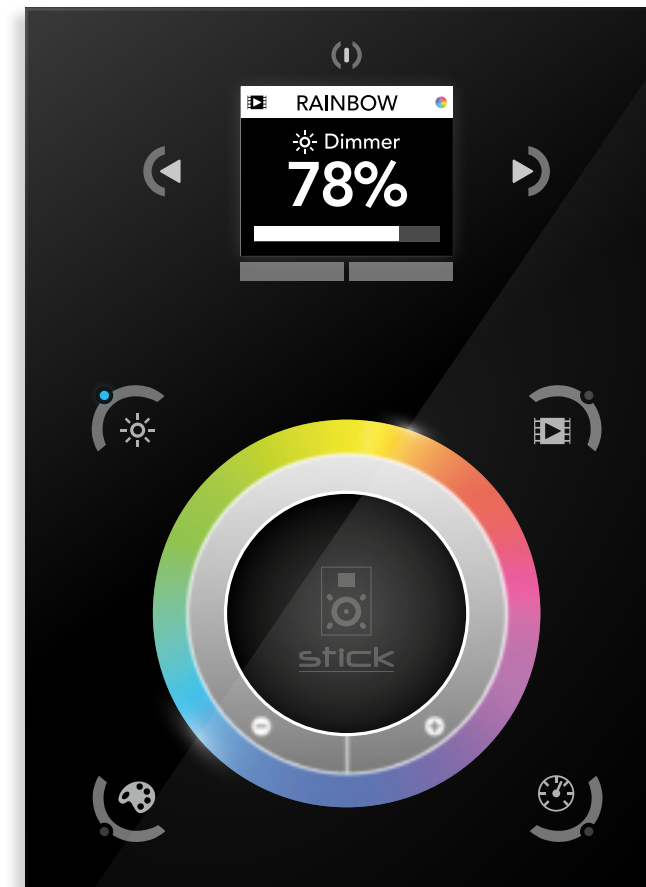


This trully simple controller features an on/off button at the top, 8 buttons to choose from up to 200 lighting scenes (25x8), 2 buttons to cycle between pages and a horizontal fader to instantly adjust dimmer, speed and color.

KE2

STICK-DE3

## The star of the STICK family

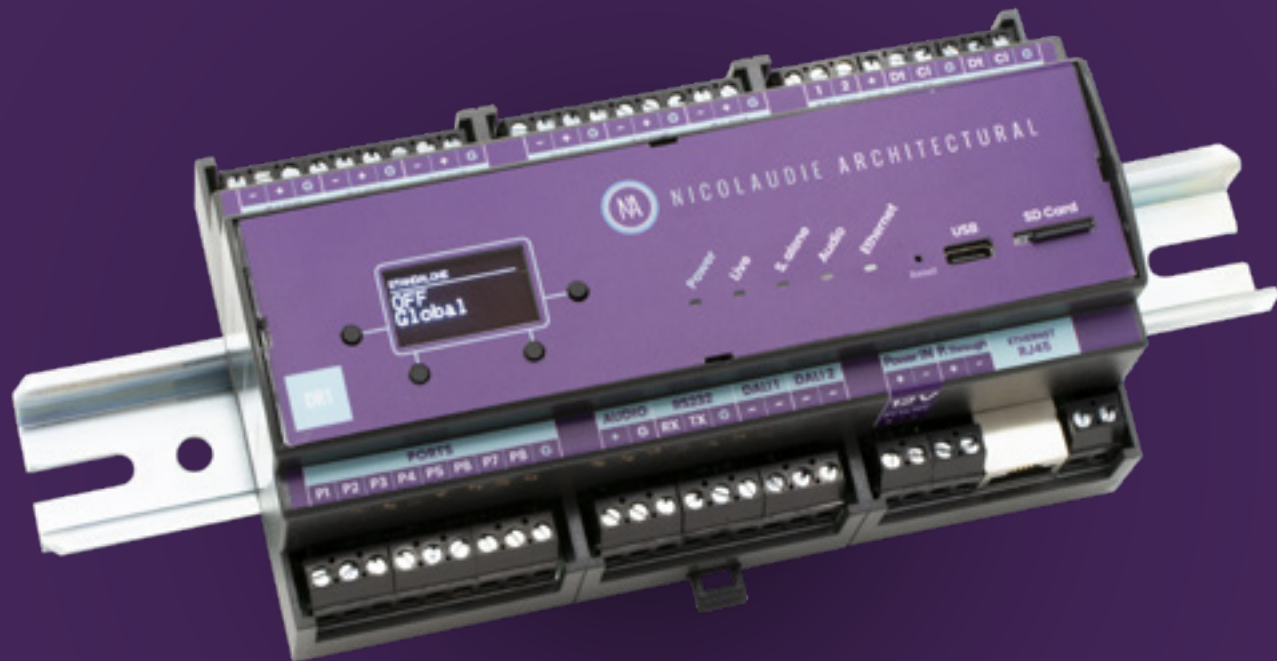


The feature rich STICK-DE3 has been designed to provide a control solution for the most demanding of projects and yet easy enough for anyone to use. The controller integrates a graphical color display, allowing scene photos to be displayed. Easily view the selected zone, scene name and design without the need to navigate through complex menus.

DE3

DINA

# New DINA range for DIN rail mounting



DINA range

# 3 products

DR1



DR1 LITE



DRμ



### General

Dimensions	160 x 91 x 62 mm	160 x 91 x 62 mm	52 x 29 x 24 mm
Weight	317g	317g	16g
USB connection	✓	✓	✓
Ethernet connection	✓	✓	
OUTPUT channels	3072 (DMX, eDMX, LED pixel)	1024 (DMX) *	60 (DMX)
RDM	✓	✓	
LED Pixel	✓	optional	
eDMX	✓	optional	
DALI	Coming soon	optional	
Memory capacity	16 MB	16 MB	8KB
Micro SD card	✓	optional	
Light Cloud	✓	optional	

### Stand alone

Number of scenes	2000	2000	99
Number of zones	20	20	1
Power voltage	8-15V DC	8-15V DC	5-5.5V DC
Power connector	Screw terminal	Screw terminal	mini USB

### Triggering

Ports	8	8	1
Clock/calendar triggers	✓	✓	
RS232	✓	optional	
Ethernet integration	✓	✓	
Audio	✓	optional	
DALI	✓	optional	

### Software

ESA2	PC/Mac	PC/Mac	PC/Mac
ESA Pro 2	PC/Mac	PC/Mac	
Remote control apps	IOS/Android	IOS/Android	
Arcolis	IOS/Android	IOS/Android	

\* upgradable to 3072 channels as an option

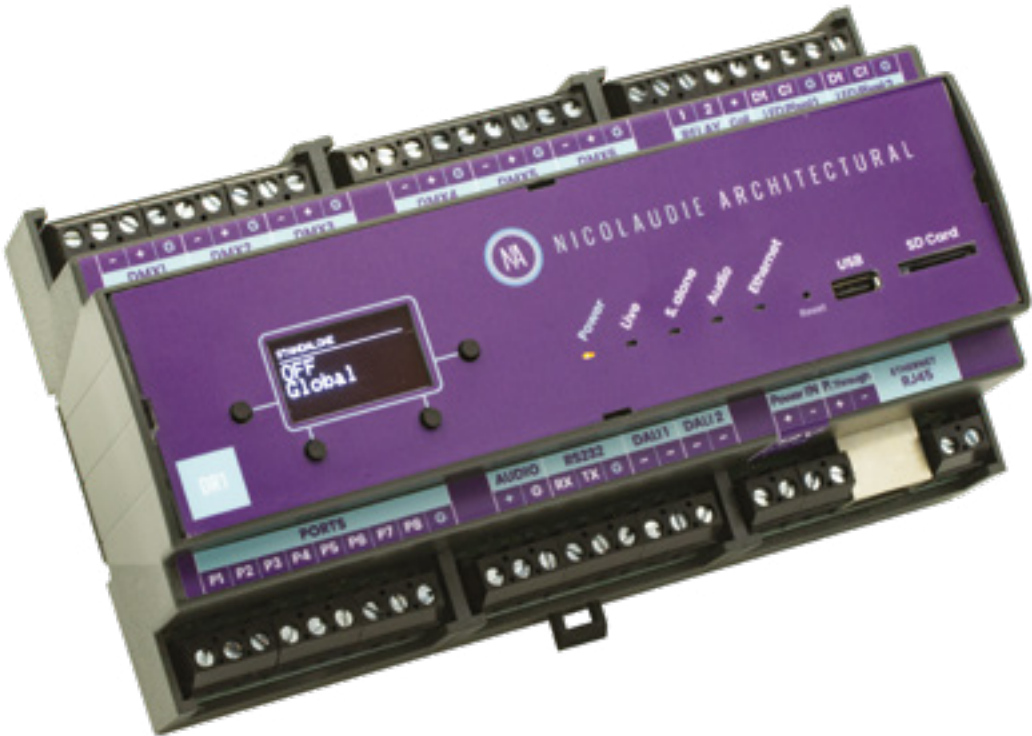


DINA-DR1

# Robust, powerful and scalable solution

DR1

- 2000 SCENES
- 20 ZONES
- 3072 DMX CH.
- CLOCK
- USB
- LAN
- APPLE APPS
- AUDIO
- DALI
- LED PIXEL
- RDM
- CLOUD



The DINA-DR1 is the latest lighting control solution from Nicolaudie Architectural. Our talented R&D team has worked a lot to design this all-in-one controller featuring multiple output protocols (DMX, Art-Net or SACN, LED Pixel, DALI), triggering and integration facilities, programmable memory for dynamic lighting sequences, remote control...

DINA-DR1 LITE

# Get what you really need

DR1  
LITE

Entirely based on the DINA-DR1 controller the DR1 lite comes with limited but expandable features. Because there is no perfect controller for all projects, the DR1 lite is the «on demand» answer to the most demanding projects.



DINA-DR MICRO

# Nothing more, nothing less

DRμ

- 1 ZONE
- 60 DMX CH.
- USB



Because small and simple projects deserve creative lighting control, we have created the DR MICRO. This set and forget product is our most affordable DMX control solution.

SLESA

# Stand alone DMX lighting controllers



SLESA range

# 4 products



General

USB connection	✓	✓	✓	✓
Ethernet connection				✓
WIFI connection			✓	
ESA software	PC	PC	PC	PC
ESA2 software	PC / Mac	PC / Mac	PC / Mac	PC / Mac
ESA Pro software				PC
ESA Pro 2 software	PC / Mac	PC / Mac	PC / Mac	PC / Mac
DMX channels	256	512	1024	1024

Standalone mode

Number of scenes	20	255	99	200
Number of zones	1	1	1	5
Standalone memory	20K	128K	100K	microSD
Memory capacity (20 ch.)	1200	5600	3935	unlimited
Memory capacity (60 ch.)	440	2100	1550	unlimited
Memory capacity (512 ch.)		240	190	unlimited
Power voltage	5-5,5V DC	5-5,5V DC	5-5,5V DC	5-5,5V DC
Power connector	mini USB	mini USB	USB Type-C	mini USB

Triggering

Mechanical buttons	3	3	3	3
Internal connector	18 pins	HE10	HE10	HE10
Port triggers	8	8	8	8
Clock / calendar triggers		100		40
IR remote control			✓	✓
Remote control apps				✓



SLESA-U9

## Simplicity and reliability for your projects

U9



The most cost-effective version of our standalone DMX interfaces for applications where simplicity and reliability are very important.



SLESA-U10

## Stay connected

U10



Featuring RDM DMX (512 channels expandable to 1024) as well as a built-in WIFI connection, the SLESA-U10 is our latest standalone controller.



SLESA-U8

## Hassle-free control

U8



Successor of the popular SLESA-U5, the SLESA-U8 has been one of the best DMX standalone controllers for architectural applications for many years.



SLESA-UE7

## Powerful, scalable

UE7



Featuring USB and Ethernet connections, the SLESA-UE7 interface is based on the STICK-DE3 technology and therefore offers multiple advanced functions for high-level architectural applications.



Software & Mobile Apps

# A complete suite of software and mobile apps for control and programming



Easy Stand Alone 2

## Simple & efficient

ESA2

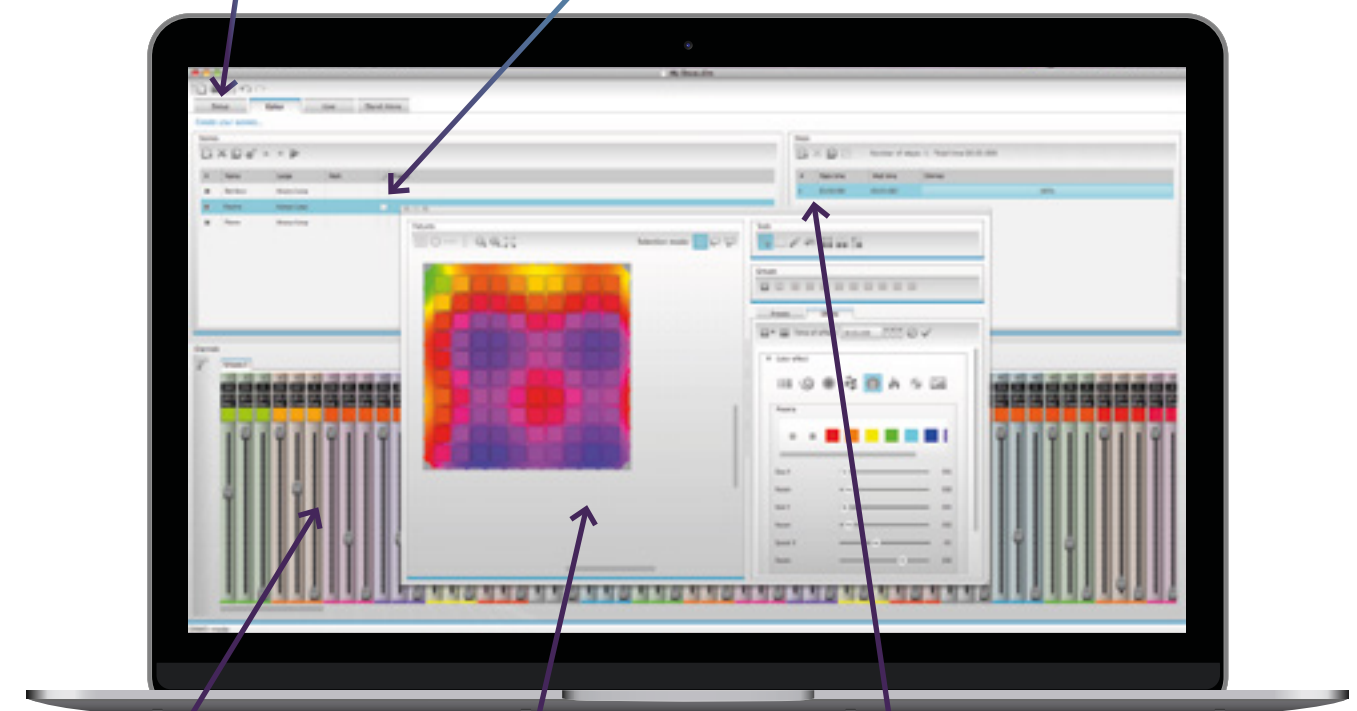
Compatible with both Windows and Mac, Easy Stand Alone 2 software has evolved over the years to become a worldwide reference for architectural lighting control. It only requires a few minutes to setup the software and gain full control of any kind of lighting.

### Tabs

SETUP: insert your lighting fixtures  
EDITOR: easily create your scenes  
USER: control your lights in live mode  
STAND ALONE: write to the interface memory

### Scenes

Creating scenes can be carried out very easily. For each scene, the software allows you to determine any number of steps, the number of loops, as well as the following scene.



### Faders

The vertical faders at the bottom of your screen correspond to the DMX level (0 to 255) for each channel. There are several ways to modify these levels.

### Scene builder

Arrange your lighting fixtures and easily create stunning RGB/RGBW color mixing and moving effects with the new scene builder.

### Steps

Each Step has a fade time and a waiting time which can be set. By creating several steps in sequence, you will then build a dynamic scene.

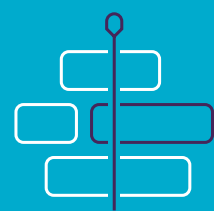
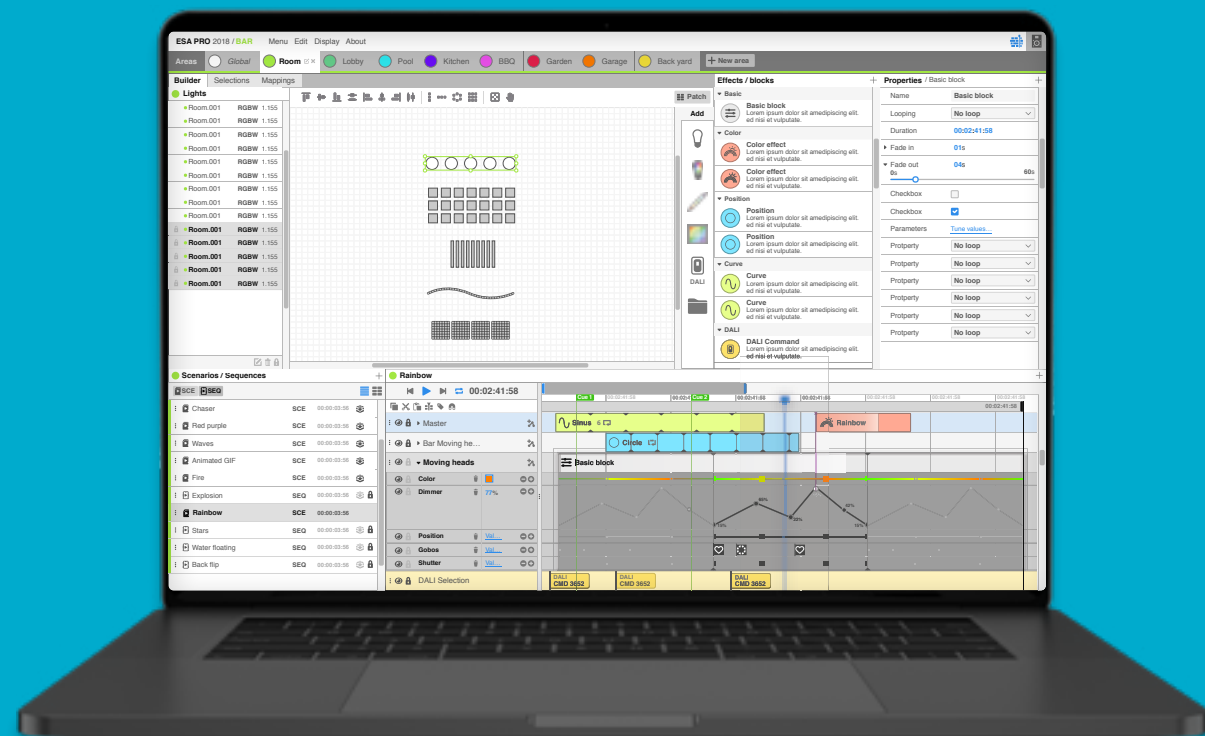


# Easy Stand Alone Pro 2

## Be creative, be pro



ESA Pro 2 is the latest generation of our programming software. It combines many innovations along with an ergonomic design. Entirely designed from scratch, ESA Pro 2 is available for both Mac and Windows and offers amazing new features like timeline automation, pixel mapping, multi-zone programming...



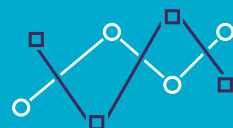
### Timelines editor

Every scene is built with the timelines. Thanks to this tool, it becomes very easy to build your show. Various effects, static or dynamic are available and can be dragged to the timelines.



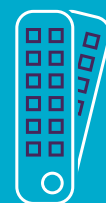
### Pixel mapping

Position your LED fixtures according to your installation and map them to pixels using different shapes in order to play multiple effects across them.



### Automations

Color, dimmer, saturation...all effects properties can now be modified with linear curves on top of the timelines. For example, the dimmer of an effect could fade from 0% to 100% following the time.



### Full colors management

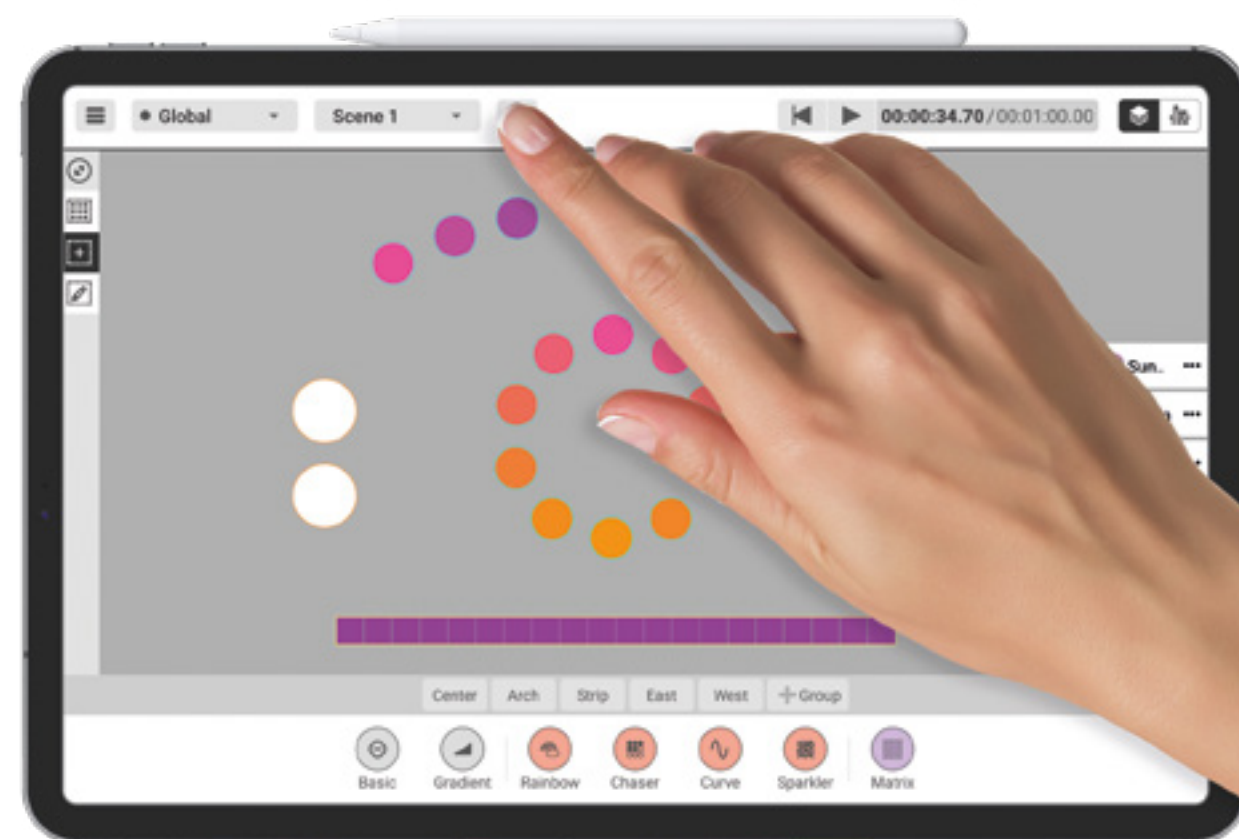
In addition to RGB colors, ESA Pro 2 allows you to play amazing effects on any color or color mixing system: RGBW, RGBA, white only, tunable white...

Arcolis

## On-site programming



Typical lighting apps are often limited to a simple remote control, with the programming made using computer software, often requiring hours of training to master. Available for Android, Amazon Fire, iPhone and iPad, Arcolis combines an easy to use app with a powerful timeline-based lighting programming system. Gone are the days of standing on-site with a laptop balanced on one hand and a user manual in the other!



**Mobility** Arcolis gives you the freedom to move around the site, controlling and programming an installation in real-time without being restricted to a laptop and USB cable in the control room.

**Color Temperature Mixing** Mix RGB, Warm White and Cold White light sources. Arcolis allows you to choose which colors your lights use and mix these colors in your effects.

**Fixture Mapping** Map out a 2D plan of your lights. Arcolis supports single lights in addition to LED strips and matrix arrangements. Choose between single channel dimming, or color mixing lights.

**Design Scenes** Assign colors, dimming levels and color mixing effects. Arrange effects on a timeline and schedule scenes to play at a certain time and on specific days throughout the year.

**Projects** Create projects for your lighting installations and synchronise them over the internet with Light Cloud.

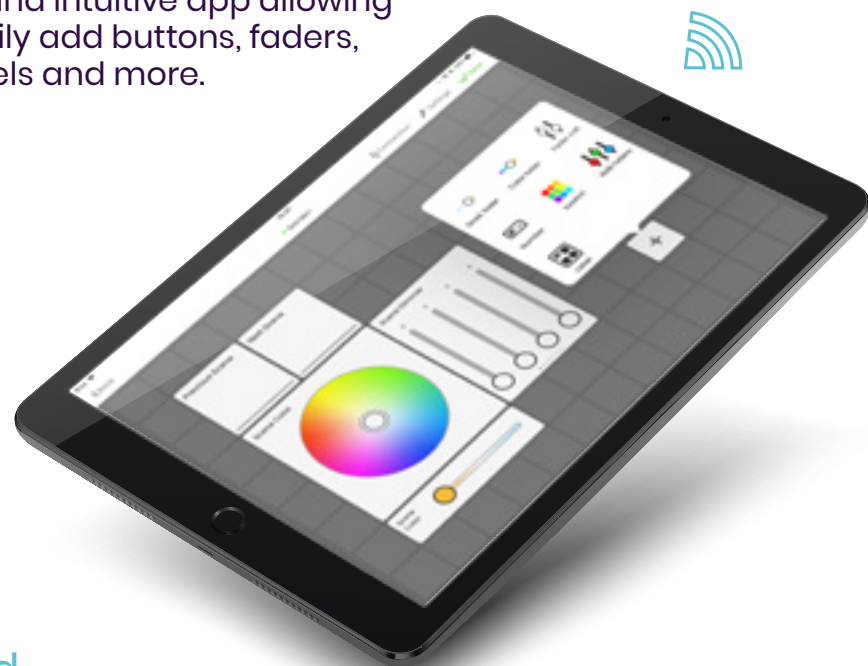
**Play & Write** Control your lights in real-time over WiFi, then remotely write the final project to a Nicolaudio DMX interface to control without the app.



Easy Remote Pro

## User interface designer

Create an entirely customized remote controller for your tablet or smartphone. Easy Remote Pro is a powerful and intuitive app allowing you to easily add buttons, faders, color wheels and more.



Lightpad

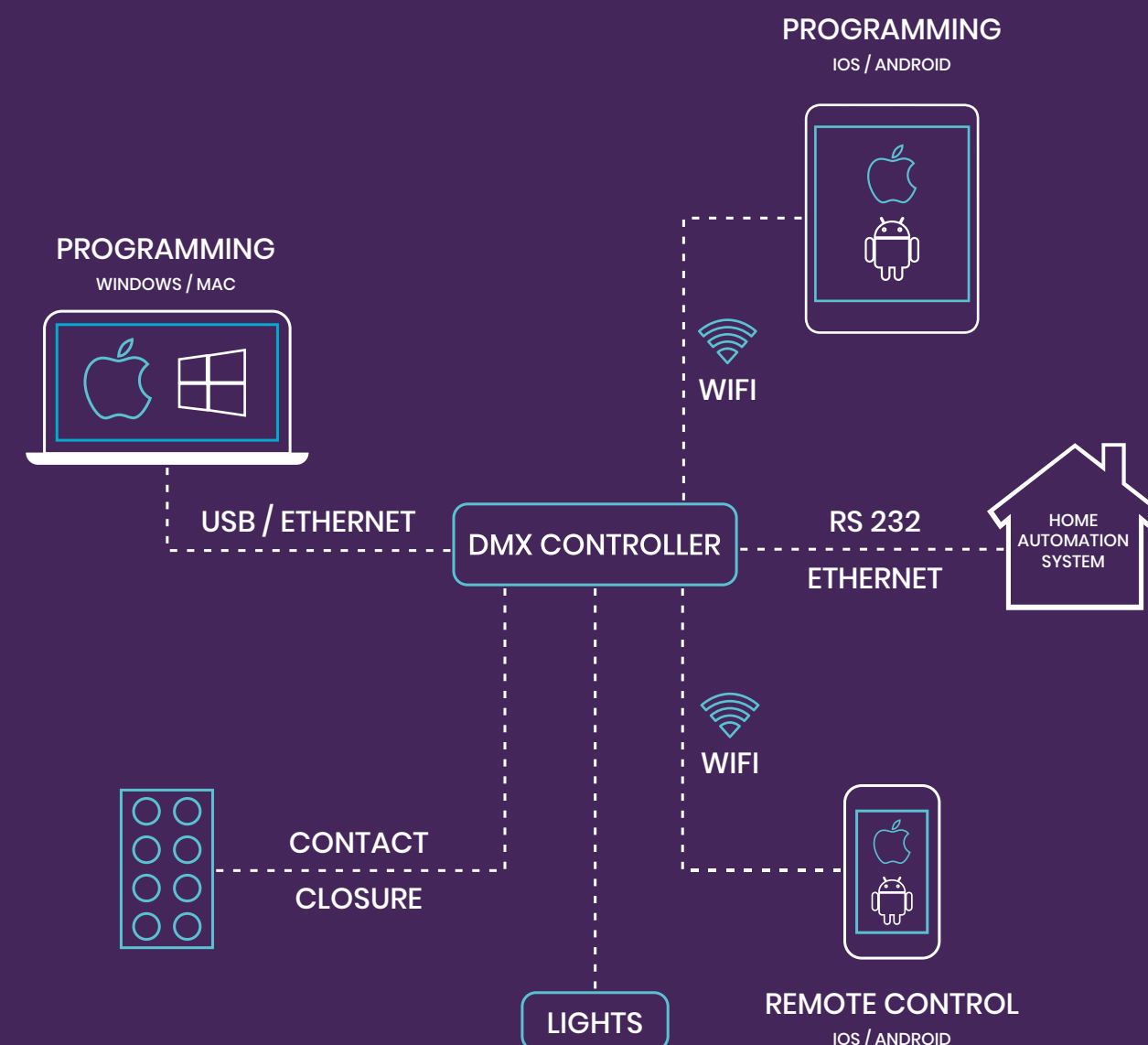
## Intuitive & easy solution

Lightpad makes life easier by creating an exact replica of the STICK / SLESA on your smartphone or tablet. You can even swipe down the screen to reveal quick access scene selection buttons.

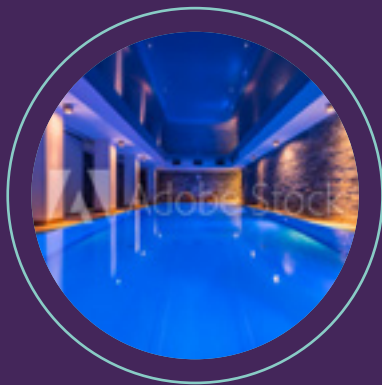
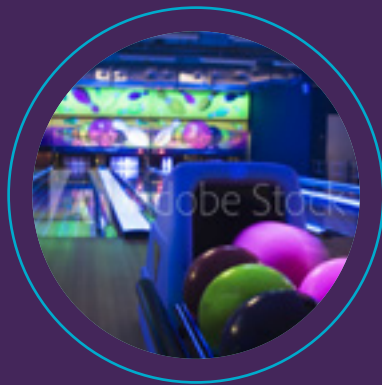
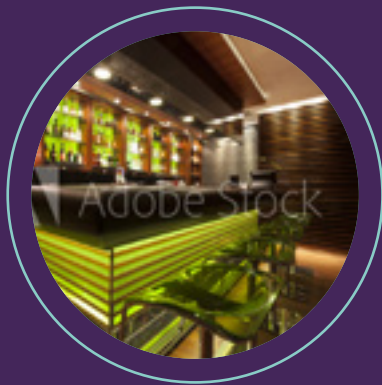


Lightpad and Easy Remote Pro are freely available for iPhone, iPad and Android. They can be used to control the SLESA-U10, SLESA-UE7, STICK-W4, STICK-KE2 and STICK-DE3 over a WiFi network.

## Programming, triggering, integration and more...



Most of the applications will use USB and DMX512 connections only, but the most demanding of our customers will also be able to interface additional devices through various connections: contact closures, UDP/TCP, RS232...



[www.nicolaudie.com](http://www.nicolaudie.com)