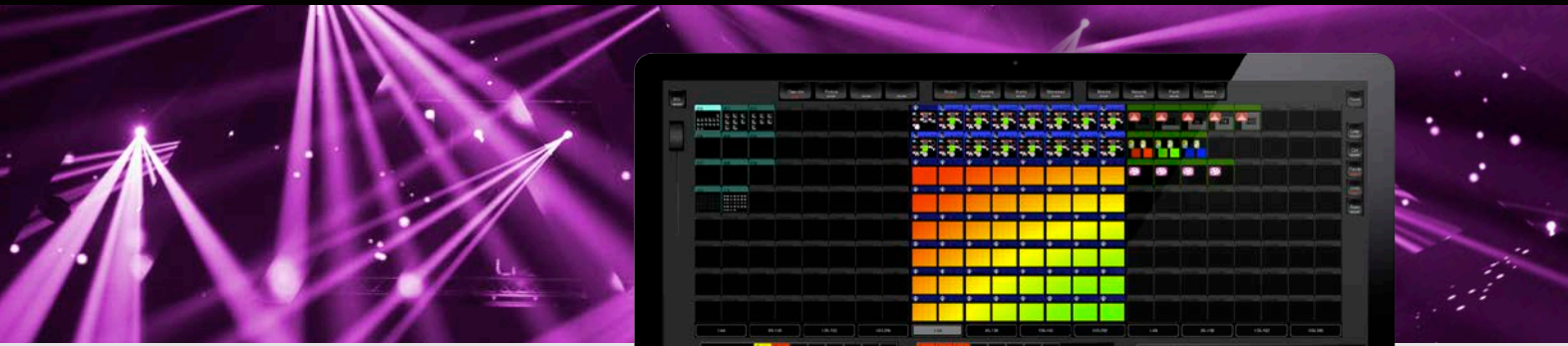




# lighting control





## CueluxPro

CueluxPro is an advanced and scalable lighting control application. The software is designed to control medium to large lighting installations, for both architectural and live-entertainment situations. CueluxPro works in combination with the CueCore and QuadCore as its DMX interfaces. IoCores can be connected to provide GPI and GPO ports. The B-Station is supported as a remote control unit. All devices are connected by Ethernet.

The CueluxPro software is also the tool for designing and programming lighting scenes and effects that can be stored inside the stand-alone memory of the CueCore and QuadCore.



### Cross Platform

CueluxPro is available for Windows, Mac & Linux. It can be installed on multiple computers; the one connected to the hardware becomes 'live'.



### Cuelist System

The application uses the cuelist system for programming the fixtures; an industry-standard system that is familiar to most lighting operators.



### Scalability

CueluxPro is a scalable system. Starting from a single CueCore you can expand up to 16 CueCores and QuadCores. Plus several IoCores.



### Multi Protocol

Support for various protocols including DMX-512, Art-Net, MIDI, UDP, OSC, MTC, SMPTE, RS-232 & GPI. To be used for triggering and conversions.



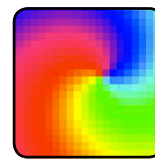
### CueCore Programming

CueluxPro can be used to program the internal memories of the CueCore and QuadCore. This is particularly time-saving in a multiple CueCore setup.



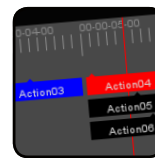
### VisualTouch

VisualTouch is an external program that runs on Windows, Mac OS and Linux. It features buttons and faders to trigger CueluxPro.



### Matrix Pixel Mapping

LED matrix control is a feature deeply embedded within CueluxPro. It is very intuitive to control the matrix in unison with the other fixture types.



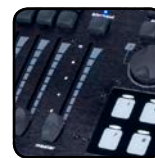
### Timeline Editor

CueluxPro features a timeline editor for programming accurate light-shows, it can be synchronized by various time-code protocols.



### OSC

The software can be fully controlled by OSC. A TouchOSC template is available that mimics the software's GUI, including feedback.



### MIDI

Multiple MIDI control surfaces can be connected to enhance the GUI of CueluxPro. Adding MIDI controllers offers the tactile feel of knobs and sliders.



## CueCore2

The CueCore2 is a 1,024 DMX channel lighting controller for permanent installations. The device is completely solid-state, with no moving parts; it is an extremely secure and low-maintenance installation control solution that has only a minimal power consumption. All operating and programming is done through its dynamic web interface. Each CueCore includes a 2-universe licence for the CueluxPro software.



## QuadCore

The QuadCore is a solid-state lighting controller that features 2,048 DMX channels across 4 DMX outputs. The onboard flash memory allows for storing DMX shows. The QuadCore includes a 4-universe license of CueluxPro. Larger universe numbers are achieved by stacking more QuadCores. Targeted at channel hungry projects that typically involve pixel mapping, the QuadCore reduces the cost per DMX universe in a CueluxPro installation.



### Stand-Alone Playback

Simultaneous playback of dynamic DMX shows or static lighting scenes. They can be recorded from DMX, Art-Net, sACN or CueluxPro.



### Show Control

Events can be triggered via weekdays, date, time, sunrise, sunset, DMX, Art-Net, sACN, HTML, TCP, UDP and OSC.



### Time-Code

Trigger events, convert or synchronise playback by time-code. Both units support Art-Net, CueCore2 also features SMPTE and MTC.



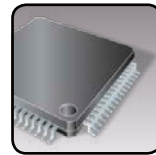
### MIDI (CueCore2 only)

IN and OUT port supporting MIDI, MSC and MMC. Incoming messages can be used to trigger functions within the CueCore2.



### GPI (CueCore2 only)

The GPI port features 4 dry contact-closures, which can trigger any event within the CueCore. The ports can also be set to 0-10V level input.



### Solid-State

The units are constructed without any moving part or forced cooling. Data is securely stored in onboard flash. Designed for maximum reliability.



### Internal Clock

The internal clock is used for scheduling events based on time, date or weekday. NTP is supported for synchronising with an external server.



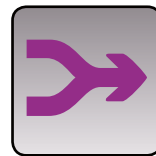
### Master-Slave

Multiple Cores can easily be used together. Only the master needs to have its triggers programmed, the slaves will follow in sync.



### Ethernet-DMX node

The devices can also function as a 2- or 4-universe bi-directional Ethernet to DMX node. It supports Art-Net, sACN and KiNet.



### DMX Merging

The QuadCore can merge incoming data from DMX, Art-Net and sACN. The merging behaviour can be defined by setting the HTP, LTP or Priority options.



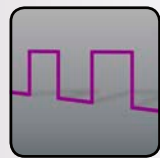
## IoCore

The **IoCore** is an expansion module in the product family of solid-state lighting controllers. It offers interfacing to digital and analogue inputs and digital outputs and supports various other protocols that are common in lighting and show control. The compact and versatile **IoCore** is the ideal expansion for the **CueCore** and **QuadCore** in projects that demand more IO. Furthermore, **IoCore** is equally well suited for standalone IO interfacing or working together with any third-party show control system.



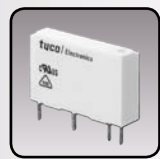
## B-Station

The **B-Station** is a wall-mount button panel with 6 push-buttons. It can remote control any function within the **CueCore**, **QuadCore** or **CueluxPro**. The buttons are back-lit and can provide visual feedback, for example, to indicate the selected cue or active show. Multiple units can be networked together. The **B-Station** fits European and North American gang boxes. Easy to wall-mount, even when no gang box is available. The **B-Station** contains an inbuilt lighting controller that is sufficient for most small architectural projects.



### Flexible Inputs

The digital inputs allow for an easy connection with switches and sensors. When set to analogue, they support 0-10V and 1-10V levels.



### Relay-Switch Outputs

Fitted with relays for switching of devices like A/V equipment, curtains or blinds. They can be triggered through DMX, RS-232, Art-Net, OSC and UDP.



### 6 Push-Buttons

The buttons are backlit by white LEDs. There is complete freedom in choosing which function is assigned to the buttons.



### Stand-Alone Controller

Control small architectural installations stand-alone with the in-built lighting controller for 32 fixtures, up to 768 cues, 6 zones, including FX Generator.

## RDM Splitter (Terminal)

Optically isolated splitter for distributing and boosting DMX-512 signals.



- 6 DMX-512 Outputs
- RDM
- Optical isolation per port
- Terminal connectors
- DIN Rail mounted
- 9-24V DC

## RDM Splitter (RJ-45)

Optically isolated splitter for distributing and boosting DMX-512 signals.



- 6 DMX-512 Outputs
- RDM
- Optical isolation per port
- Terminal connectors
- DIN Rail mounted
- 9-24V DC



## Cuelux

The **Cuelux** software is a very intuitive mid-range software lighting control desk, incorporating a range of easy and clever features. **Cuelux** is a DMX-512 lighting controller for intelligent lights, LED, dimmers, lasers and various other effects.

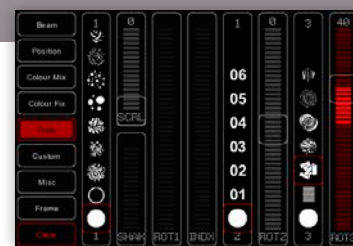
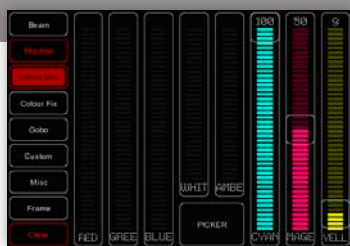
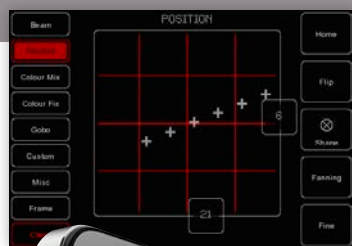
The programme is platform independent and available on Mac OS X, Microsoft

Windows and Ubuntu Linux. The software is shipped with a USB-to-DMX adapter cable that easily fits in your laptop bag.

Key to the design of **Cuelux** is its intuitive graphical user-interface. It is specially designed to reduce the amount of time required to learn how to

operate the software. Combined with its affordable price, **Cuelux** is available to a large audience of Light Jockeys, DJ's, free-lance technicians, rental companies and tour bands.

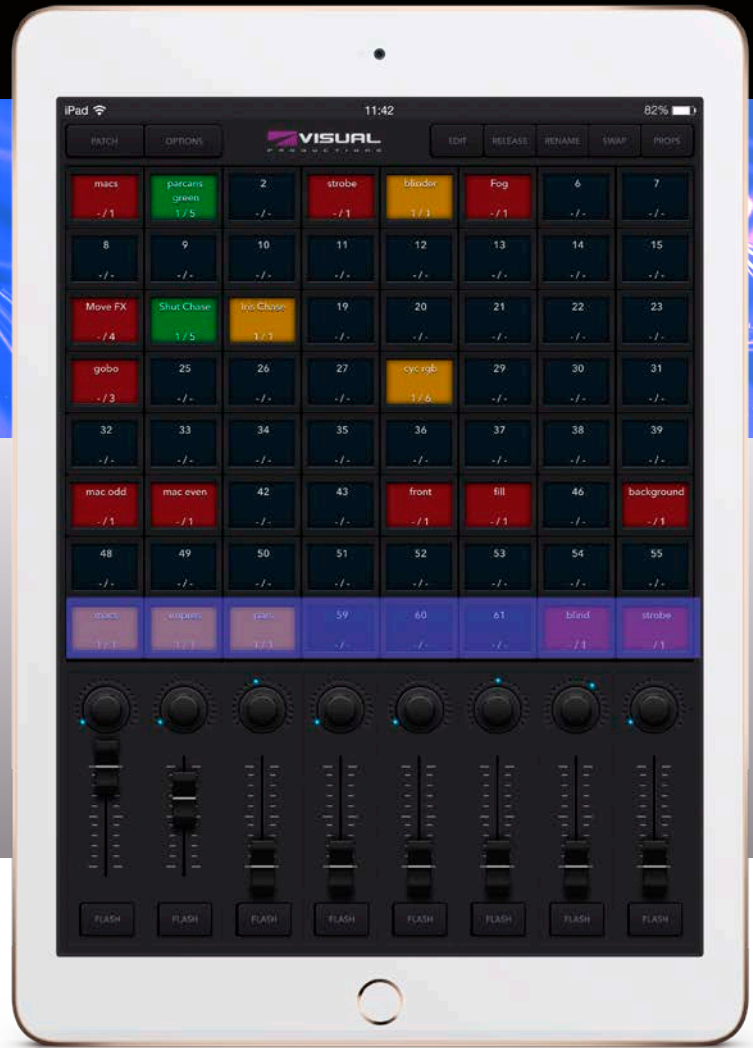
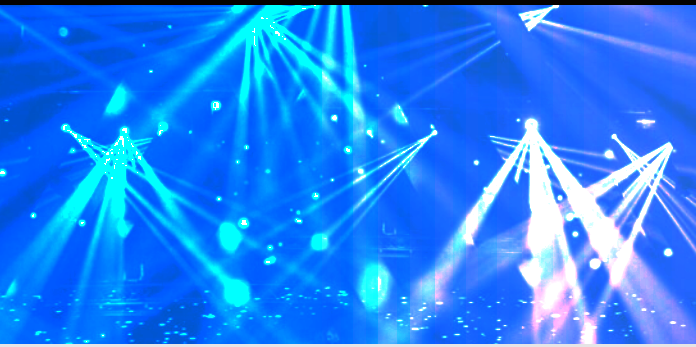
A fresh and feature-rich design has made **Cuelux** the ideal controller for many Lighting Professionals.



## Specifications

- DMX-512 + Art-Net
- 512 channels
- Unlimited Cuelists, Groups and Sub-masters
- 64 playback faders + 64 buttons
- Shape generator
- iPhone Remote App
- MIDI Controller mapping
- 3800+ Personality files
- 32-bit and 64-bit hardware drivers
- Includes Personality Builder
- Available in 13+ languages





## Cuety

Cuety is a new generation lighting controller that turns your iPad into a powerful lighting console. Easy to use and budget friendly, **Cuety** enables you to take full advantage of the iPad's mobility and multi-touch display. The controller has full support for moving heads, LEDs, conventional lighting and DMX controlled special effects.

### LPU



The Cuety app requires the LPU-1 or LPU-2 Lighting Processing Unit. This device is connected via ethernet and offers a optically isolated DMX-512 port.

### Architecture



The system architecture of the Cuety and LPU is designed for robustness. The LPU contains the engine that runs your show, calculates fade times and renders dynamic FXs. The App is your user-interface.

### Cuelist



Cuety adapts a cuelist based system that is the standard in the professional lighting industry. You will be programming your lights according to the same workflow that LDs use for stadium-size events. Cuety just simplifies it.

### FX



An inbuilt FX generator provides you with automatic movements for pan & tilt, various intensity chases and colourful RGB effects. The FX generator can be tweaked by changing its speed, size and phase parameters.

### Remote



The Cuety Remote is a simple and intuitive app for your iPhone. It allows you to remote control your LPU. You can use it to call up your pre-programmed cues with-out the risk of inadvertently making a change.

	LPU-1	LPU-2
Market	Entertainment	Installation
DMX Channels	512	512
Fixtures	64	64
Playbacks	64	64
Cues per Playback	48	48
FX Generator	✓	✓
Personality Files	3500+	3500+
HTTP		✓
TCP		✓
UDP		✓
OSC		✓