

# mLight

**SOFTWARE BUILT BY THEATER PROFESSIONALS**

**I**nGenius mLight from OSF Solutions is a revolutionary new software product that replaces hardware lighting consoles for moving lights. It delivers the functionality of traditional consoles at a fraction of the purchase price while providing additional benefits in terms of ease of use, productivity, training time, and portability. inGenius mLight installs on a Windows PC and interfaces with industry standard DMX intelligent fixtures, hardware lighting consoles, and Watchout video software.

- ***Budget-friendly software product***
- ***Reduce training time and effort***
- ***Achieve design goals faster***
- ***Carry and use anywhere***

## **Benefits of a Software Console**

**T**he introduction of intelligent fixtures, or moving lights, required more complex lighting consoles that could take advantage of the improved functionality of fixtures. Unfortunately this also meant that lighting consoles became more difficult to learn and operate and more expensive to own. Fortunately the cost and power of personal computers now permits a new generation of cost-effective, software-based lighting consoles that support the features of a high-end hardware console, as well as improved usability, scalability, transportability, and upgrade potential. inGenius mLight's intuitive user interface and graphical controls allow lighting designers to achieve their design goals faster and more easily than with hardware consoles, thus saving time during technical rehearsals and editing sessions. The easy-to-learn interface also means that users can become proficient with mLight very quickly.

**D**esigned with input from lighting professionals, mLight offers comprehensive functionality that fulfills the needs of large professional theater companies. At the same time, mLight is simple enough for lighting designers and electricians to use with almost no training, and priced to be affordable enough for small organizations such as schools and churches.

## **Cost Effective Platform**

**O**SF Solutions' software approach delivers the most cost-effective solution for managing intelligent fixtures. inGenius mLight can be installed on Windows PCs, with no requirement for expensive proprietary interfaces or hardware add-ons. The combined cost of a dedicated PC and mLight software can represent less than 20% of the cost of a traditional console. Since mLight is a software solution, it is highly configurable and allows organizations to scale from simple to complex, sophisticated theater venues. Compared to hardware lighting consoles, it is far easier upgrading software to support new functionality, lighting standards, and technology

## **Lower Training Costs**

**A** key benefit of inGenius mLight is that new users can become skilled users very quickly. The graphical user interface has been designed to be extremely intuitive to lighting professionals. As a result, the controls and functions are logical and simple to learn. In less than an hour, a lighting professional can become a competent user of inGenius mLight, able to define rigs, add fixtures, control fixtures, and create and work with lighting cues.

## **Improved Productivity**

**I**nGenius mLight's intuitive user interface has been optimized for building, recording and modifying lighting cues so that designers can achieve design goals faster than with traditional consoles and save valuable time during technical rehearsals.

**T**he ability to run multiple non-production copies of mLight means that designers and technicians can make offline changes to cues using the same interface as the production system. This maximizes stage time for other functions and rehearsals.

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## Key Features

**I**nGenius mLight offers all the functionality you would expect from a hardware console and more, with features that make it easy to define venues, modify fixtures on the fly, track and record cues, and edit cues both live and blind. inGenius mLight is a Windows application and uses familiar Windows keystrokes and mouse clicks for navigation, selection and manipulation.

## Fast and flexible rig set up

**Q**uick and easy selection of fixtures from a comprehensive library of popular fixtures from manufacturers such as: Vari-Lite, HighEnd, Coemar, ETC, Robe, and more. Assign DMX addresses and names to fixtures and instantly view details about each fixture with a single mouse click. Change the rig set up at any time, define multiple rigs for multiple venues, or use the same rig for different productions in the same venue

## Intuitive, simple yet powerful fixture controls

**I**nGenius mLight's rich visual interface with easy-to-use controls are designed to make it fast to create looks. Use the mouse, dials, sliders or wheels to select fixtures, adjust light intensity, and control pan/tilt, wheels and color.

- **Powerful context-sensitive interaction: selecting a fixture brings up only the controls relevant to that fixture, so users always know what they can or can't manipulate for the fixture.**
- **Manipulate multiple fixtures at the same time: users can select more than one fixture, and manipulate them as a single entity.**
- **Relative or absolute adjustments: When more than one fixture has been selected, users have the option to adjust values relative to the starting position of all the selected fixtures, or adjust them to absolute values.**
- **Flexible, fine-grained control: Slider bars support adjustment to intermediate positions on the wheel, with coarse or fine control slider bars to change rotate speeds or index of the gobo. Slider controls also adjust intensity, zoom, edge, iris, and strobe. Use click-and-drag to aim a fixture with fine, medium, or coarse control and isolation of either Pan or Tilt.**
- **Color mix options: For fixtures that support color mixing, select from a library of CMY colors or use the CMY sliders or dynamic color wheel to create and save new custom colors on the fly.**

## Simple cue creation and editing

**I**nGenius mLight is designed to optimize the process of creating and editing cues, with powerful and flexible features that reduce time, effort and difficulty.

- **Multiple cue creation options: Record cues from the current look: from a specific cue number, or the current cue on stage. Select which attributes and fixtures you want to record in a cue, and set different times for different attributes.**
- **At-a-glance view of cues: View all recorded cue display on the Cue Sheet, a scrollable list of cues and their associated fixtures. The format of the Cue Sheet provides at-a-glance information about each fixture's attributes, and makes it easy to name or number cues,**

**and display the level, color and time information for each fixture.**

- **Blind Editing: Perform blind editing of all fixtures easily and on the fly. Users can change a fixture's attributes right in the cue sheet simply by selecting the fixture. Set fade and delay times for any fixture's attribute group in a cue (lamp, pan/tilt, color, shape, wheels, beam), or set new levels for any of the attribute groups by simply clicking on the group and modifying the information. Add and remove fixtures from a cue, or copy and renumber fixtures to another cue. Make a fixture blocking in a cue.**

**D**ark Moves: Supports dark moves by default. When a fixture goes to zero intensity, mLight automatically positions the fixture to the next usage. This default behavior is easily modified by the user.

**E**ffects: Create and save multi-part cues for attributes such as intensity, pan/tilt, and color; apply these effects to any fixture that supports those attributes.

**P**reset Focus Groups: Record different onstage 'looks' of fixtures into preset focuses for easy recall to facilitate recording cues. A preset focus is a reference in one or several cues; if the preset focus changes, any cue that 'references' it will automatically update.

**P**layback Page: View a 'real time' graphical display of all functions for all fixtures on the playback page. Allows the user to see important current information such as level, the direction of the fixture, or current color.

**L**oading and Running the Show: Run the show using a software "Go" button, the keyboard, or connect the system to your hardware console. Operators can run the show using either inGenius mLight and a separate conventional hardware console or connect mLight to the existing hardware console, to run all cues from a single console.

## Summary

**m**Light was developed by the Oregon Shakespeare Festival because hardware consoles were too expensive and time consuming to program for their repertory operations. It has significantly reduced the training time for OSF's lighting crew, given designers a tool that is unmatched in the industry for executing design goals, and has been part of a theatre operation that demands both flexibility and robust performance. After over a decade of use and refinement, OSF Solutions is making the product available to any venue that needs a simple, easy to use, and cost effective solution to control moving lights.

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