

# **Lighting Control Engine 2 fx**

#### e:cue Engines

e:cue engines are the perfect platform for building dynamic, effective and reliable lighting applications. These engines are the functional backbone of lighting installations controlling fixtures, interacting with user terminals and executing shows. e:cue engines are built for steadiness, long-term use and flexibility. They are feature-rich and benefit from many years pioneering work in the field of lighting control.



## e:cue Lighting Control Engine 2 fx

The Lighting Control Engine 2 fx (LCE2-fx) serves as a high performance server to control large lighting projects, the e:cue Lighting Application Suite is pre-installed and ready to run. As a central control unit, this versatile lighting control server orchestrates all devices and fixtures within a project. It also outputs other protocols such as KiNet and Art-Net and integrates various external engines and triggering sources. Also Emotion FX video mixing is fully supported. It can be mounted in a standard 19 inch rack or can be used as a standalone unit. The LCE2-fx is the ultimate server solution for any demanding lighting project.

#### **Main features**

- e:cue's Lighting Application Suite pre-installed
- Executes Emotion FX in full production edition
- High quality components for reliable uninterrupted operation
- High performance graphics for video sequencing
- Integrated DMX inputs and outputs, dry contact inputs , relay outputs
- LC display and cursor keys for status messages and control
- · Support for a variety of Ethernet-based protocols
- Easily mountable in 19 inch racks

### **Delivery scope**

Item code AA629460035

 Lighting Control Engine 2 fx AA629460035 Rack mounting rails Ethernet cable 2 m CAT5e SFTP Printed LCE2 Setup Manual English/German Printed Lighting Application Suite System Manual English e:cue Lighting Application Suite LCE Edition USB license dongle incl. Emotion FX support



EN55022, EN55024, EN/UL60950



ETL LISTED

Conforms to ANSI/UL Std 60950-1 Certified to CAN/CSA STD C22.2 Nr. 60950-1

## Technical data

| Modell number          | EN.LC.9400000  |  |
|------------------------|--|--|
| Dimensions (W x H x D) | 491 x 176 x 432 mm                                     |  |
|                        | 19.3 x 6.9 x 17 inch                                   |  |
|                        | (incl. brackets)                                       |  |
| Weight                 | 15 kg  |  |
| Power supply           | 100 240 V AC, 50/60 Hz                                 |  |
| Power consumption      | 190 W  |  |
| Operating temperature  | 0 35 °C/32 95 °F                                       |  |
| Storage temperature    | -10 70 °C/14 158 °F                                    |  |
| Operating/storage hum. | 0 95% non-condensing                                   |  |
| Protection class       | IP20   |  |
| Housing                | Steel, front powder-coated                             |  |
| Mounting               | in 19-inch rack systems with rails                     |  |
| Certifications         | CE (EN55022, EN55024                                   |  |
|                        | EN/UL60950)  |  |
| User interface         | USB or PS/2 keyboard/mouse,                            |  |
|                        | LC Display, Keypad                                     |  |
| Ethernet ports         | 2 x e:net 10/100/1000 Mbps                             |  |
| Serial interfaces      | 2 x RS-232 Sub-D                                       |  |
| Keyboard/mouse         | 2 x PS/2   |  |
| USB                    | 2 x USB3 (blue, front)                                 |  |
|                        | 2 x USB3 (blue, rear)                                  |  |
|                        | 2 x USB2 (black, rear)                                 |  |
| DMX                    | 2 x DMX/RDM output/input                               |  |
|                        | 1 kV galvanically isolated                             |  |
| Digital dry contacts   | 6 x inputs, max. 24 V DC                               |  |
|                        | off: Vin < 1 V DC, on: Vin > 4 V DC                    |  |
|                        | Input current lin (typical):<br>Vin = 5 V/lin = 0.8 mA |  |
|                        | Vin = 5 V/in = 0.8 mA<br>Vin = 12 V/lin = 2.3 mA       |  |
|                        | Vin = 12 V/in = 2.3 mA<br>Vin = 24 V/lin = 4.8 mA      |  |
|                        | 12  V DC output:                                       |  |
|                        | max. 70 mA, overload protected                         |  |
| Relay outputs          | 2 x SPDT, max. 24 V, 3A                                |  |
|                        |  |  |

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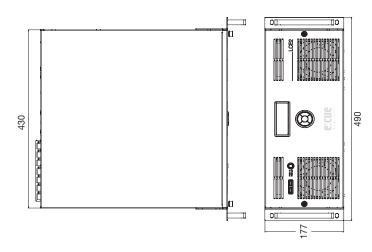
# **Lighting Control Engine 2 fx**

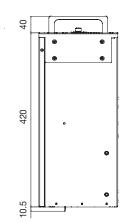
# Technical data (contd.)

| Graphics     | 1 x Dual Link DVI-D (adapter)<br>1 x Mini HDMI (adapter)<br>1 x Dual Link DVI-I (adapter)<br>1 x DVI-I (mainboard)<br>1 x VGA (mainboard) |
|--------------|---|
| Video input  | DVI Input Capture,<br>max. 1920 x 1080 x 24bit  |
| Audio        | 1 x mic/line input<br>1 x headphone/line output   |
| Data storage | Removable SSD HDD   |
| Media drives | CD/DVD via USB port   |

### **Dimensions**

All dimensions in mm





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