

# Lighting Control Engine

## Lighting Control Engine fx

### Technical Specifications & Options

#### LCE

L x W x H  
504.5 x 487 x 132.4 mm/  
19.9 x 19.2 x 5.2 inch

Weight: 12 kg/26.5 lbs

Cable: 100 – 240 V AC, 600 W

System Link: 2 x e:net (Ethernet, RJ-45)

Memory: 2048 MBytes

Storage: 2 x 250 GB HDD (RAID1)

Interfaces:  
Keyboard (PS/2), Mouse (PS/2), Audio In/Out (RCA), S/PDIF, 6 x USB 2.0, 1 x Firewire (IEEE 1394), 1 x HDMI Out, 1 x DVI Out, 1 x Video In (RCA), 1 x DMX512 In (XLR5), 2 x DMX512 Out (XLR5), 2 x RS-232 (DSub), 1 x MIDI In, 1 x MIDI Out, 16 x input dry contacts (screw terminals)

Mounting: Desktop operation,  
Mounting in 19" rack

#### LCE-fx

L x W x H:  
504.5 x 487 x 132.4 mm/  
19.9 x 19.2 x 5.2 inch

Weight: 13 kg/28.6 lbs

Cable: 100 – 240 V AC, 600 W

System Link: 3 x e:net (Ethernet, RJ-45)

Memory: 4096 MBytes

Storage: 2 x 500 GB HDD (RAID1)

Interfaces:  
Keyboard (PS/2), Mouse (PS/2), Audio In/Out (RCA), S/PDIF, 6 x USB 2.0, 1 x Firewire (IEEE 1394), 2 x HDMI Out, 2 x DVI Out, 1 x Video In (RCA), 1 x DMX512 In (XLR5), 2 x DMX512 Out (XLR5), 4 x RS-232 (DSub), 1 x MIDI In, 1 x MIDI Out, 16 x input dry contacts (screw terminals)

Mounting: Desktop operation,  
Mounting in 19" rack

### Lighting Control Engine (LCE)

Designed to control large and complex projects, the Lighting Control Engine (LCE) is a high-performance server with the e:cue software suite installed. A central control unit, this versatile lighting control server orchestrates all devices and fixtures within a project. With the ability to output DMX512/RDM, e:net, and other protocols such as KiNET and Art-Net, and the capability to integrate various audio/video, external triggering, and other desired devices and content, the LCE is the ideal solution for the most demanding projects. A built-in touch screen monitor housed on the front panel of the attractive, durable aluminum casing provides user interaction with custom graphic user interface designs. The LCE can be mounted in a 19" rack.

### Lighting Control Engine fx (LCE-fx)

Similar to the Lighting Control Engine (LCE) but with dynamic video capabilities and extended software tools, the elite Lighting Control Engine-fx (LCE-fx) is a high-performance server with the e:cue software suite installed. A central control unit, this versatile lighting server has the ability to output DMX512/RDM, e:net, and other protocols, as well as to integrate various audio/video, external triggering, and other desired devices and content, to orchestrate all devices and fixtures within an installation. Additionally, LCE-fx features exclusive Emotion FX software, a unique feature of Lighting Application Suite 5.3 or higher. With added hardware capacity to control modern mixed media installation via the Video Micro Converter, low-resolution LED mesh units, and conventional DMX512 lighting moving lights, LCE-fx is the ultimate solution for the most demanding projects. A built-in touch screen monitor housed on the front panel of the attractive, durable aluminum casing provides user interaction with custom user interface designs. The LCEfx can be mounted in a 19" rack.

- Built-in touch screen for user control and monitoring
- Equipped with e:cue's Lighting Application Suite
- Exclusive Emotion FX software (LCE-fx only)
- Orchestrates a wide range of fixtures, devices, technologies and media
- Reliable uninterrupted operation
- Outputs a variety of Ethernet-based protocols
- Numerous triggering options
- Integrate media content
- Remotely control lighting show via LAN using a web browser
- Synchronize sound-to-light sequences
- Control up to 65,536 DMX512 channels (LCE)
- Control an infinite number of DMX channels when in conjunction with VMCs and Emotion FX (LCE-fx)
- Easily mountable in standard control rack

For more information on e:cue products, please refer to the complete e:cue catalogue or [www.ecue.com](http://www.ecue.com).