



The Sapphire™ LCD station is one of many stations available in the Sapphire family of lighting controls. The distributed processing and network topology of this system brings the power and flexibility of networked computing to the lighting realm. With Sapphire, lighting projects of very large scale and complexity are readily designed and controlled, enabling total integration of theatrical, architectural, and energy management lighting control systems. This highly dependable and scalable system is also appropriate for small applications that may benefit from the intuitive operation, flexibility, and attractive appearance the Sapphire offers.

A complete Sapphire lighting control solution may also incorporate push button stations, slider stations, Theatrical consoles and dimming racks. Systems are programmable using an online, PC-driven program. The interface box connected to the associated Topaz™ Dimming Rack allows communication via RS232, DMX512, and Sapphire-Net™.

Features

- Milled from engineered plastic material for beautiful looks and extreme durability
- Bright blue LCD readout
- Distributed processing provides enhanced reliability
- Station retains programming information for a minimum of 10 years without power
- Built-in IR receiver
- Available in black and white. Consult factory for custom finishes

Specifications

- All buttons are programmable and can execute any system function
- Programmable functions include, but are not limited to:

"Fade To" Command	Change Page
Snapshot	Lock
Raise/Lower	MAX
- Programmable through LumaEdit™ PC-based offline editing program
- Controls up to 512 dimmer channels
- Mechanically captured buttons to prevent removal or vandalism
- 20 character x 4-line backlit blue LCD screen and blue LED button backlights with 20-year minimum life
- Fits in 3.5" deep, four-gang wall box
- Stations connected in series using Belden cable #9829 or equivalent, and two conductors for station power

Sapphire™ Lighting Control System

LCD Station

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Communication

- Communicates via Sapphire-Net™
- Communicates with all other components in the Sapphire™ network, and can control any load on the system
- DLR Interface Box* enables communication between Topaz™ rack and Sapphire stations, as well as devices using DMX512 (order separately)

Capacity

- Up to 128 stations per system
- Up to 512 dimmer channels

Security

- Electronic station lock-out
- Multiple levels of security passwords

Programming

- On-station programming via LCD screen
- PC based off-line editing via LumaEdit™ software

TYPICAL INSTALLATION

