Overview

SceneStation sets a new standard for full-featured, easy to use, cost-effective DMX lighting control. SceneStation is entirely self-contained in a single gang wall switch sized unit. Perfect for restaurants, high-end residential, trade show booths, churches and more, SceneStation can control nearly any DMX device (RGB fixtures, moving lights, dimmers, effects, etc.), while also remaining very simple for the end user.

SceneStation is dynamic. Instead of only offering the ability to play back a few simple “presets”, SceneStation can be programmed to run shows with multiple steps, loops and beautiful built-in effects.

The secret is the power and flexibility of the built-in effects engine and fully-customizable preset buttons. SceneStation goes way beyond simple “presets” with the ability for each scene to have stunning effects such as Twinkle, Sparkle, various color animations and more. SceneStation’s buttons can be programmed with advanced features like running chases, stepping sequentially through a list of scenes, toggle, momentary, pile-on functions and more. Additionally, each button includes fully-programmable RGB backlighting and the button caps can be optionally engraved with custom legends.

Another important feature of SceneStation is how easy it is to program. The powerful SceneStation Studio software (available for Mac or Windows) is a simple, but sophisticated graphical environment for setting up and building content for SceneStation.

Features

- Completely Self-Contained
- SceneStation Studio software for Station Management, Programming and Operation
- Built-in effects engine for creating beautiful, dynamic scenes
- 64 Scene Capacity
- Static, Sequential, Toggle, Chase, Momentary and Pile-On Modes for Each Button
- Programmable RGB Backlit Buttons
- Optional IR Remote for recalling presets or adjusting overall brightness
- Multiple Master/Slave Stations via 2.4 GHz Wireless Network
- DMX-512 Output with 44Hz Update Rate for silky-smooth fades and effects
- DMX Snapshot Recording Directly from Front-Panel
- Automatic “Power-On” Preset Activation
- Automatic Console Backup
- 11-28 VDC (5W) or 14-28 VAC (5VA) Operation
- Decora® Wall Station Compatible
- Optional Button Engraving
- Available in White, Black, Ivory or Almond

Applications

- Commercial
- Residential
- Architectural Lighting
- Entertainment Lighting
- Trade Shows
- Themed Entertainment
- Museum
- Building Management
- Churches
Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Detail</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>Capacity</td>
<td>DMX Channels</td>
<td>512</td>
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<tr>
<td></td>
<td>Presets / Scenes</td>
<td>64</td>
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<tr>
<td>Buttons</td>
<td>Quantity</td>
<td>5</td>
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<tr>
<td></td>
<td>Functions</td>
<td>Normal, Toggle, Sequential, Latched, Momentary, Pile-On, Disabled</td>
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<tr>
<td></td>
<td>Indicators</td>
<td>80 programmable RGB colors, 5 flashing patterns</td>
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<tr>
<td>Color</td>
<td>Front Panel</td>
<td>Black, White, Ivory or Light Almond</td>
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<tr>
<td>Connections</td>
<td>Power</td>
<td>2-Position Spring Clip Terminal</td>
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<tr>
<td></td>
<td>DMX I/O Port</td>
<td>3-Position Removable Terminal Block</td>
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<tr>
<td>Power</td>
<td>Input</td>
<td>11-28 VDC (5W) or 14-28 VAC (5VA)</td>
</tr>
<tr>
<td>Physical</td>
<td>Width</td>
<td>1.8” (46 mm) station only</td>
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<tr>
<td></td>
<td></td>
<td>3.1” (79 mm) station with cover plate</td>
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<tr>
<td></td>
<td></td>
<td>1.8” (46 mm) minimum back box width</td>
</tr>
<tr>
<td></td>
<td>Height</td>
<td>4.1” (104 mm) station only</td>
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<tr>
<td></td>
<td></td>
<td>4.9” (124 mm) station with cover plate</td>
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<td></td>
<td></td>
<td>2.1” (54 mm) minimum back box height</td>
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<tr>
<td></td>
<td>Depth</td>
<td>2.1” (54 mm) overall depth</td>
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<tr>
<td></td>
<td></td>
<td>1.8” (46 mm) depth behind mounting surface</td>
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<tr>
<td></td>
<td></td>
<td>1.9” (49 mm) minimum back box depth</td>
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<tr>
<td></td>
<td>Weight</td>
<td>2.9 oz. (83 g)</td>
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<tr>
<td>Environmental</td>
<td>Operating Temperature</td>
<td>-40° to 158° F (-40° to 70° C)</td>
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<tr>
<td></td>
<td>Storage Temperature</td>
<td>-40° to 176° F (-40° to 80° C)</td>
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<tr>
<td></td>
<td>Humidity</td>
<td>5 to 95%, non-condensing</td>
</tr>
<tr>
<td></td>
<td>Altitude</td>
<td>10,000 feet maximum</td>
</tr>
</tbody>
</table>

Connection Diagram

Connection Diagram

Recommended DMX/RS-485 Cable Types
- **CABLE or CABLE CO**
  - Wire Colors:
    - DMX Ground (Black)
    - DMX Data (-) (Brown)
    - DMX Data (+) (Red)
    - Unshielded
- **Other uses:**
  - DMX Ground (Black)
  - DMX Data (-) (Brown)
  - DMX Data (+) (Red)
  - Unshielded

DMX Input Notes
- SceneStation uses a bi-directional DMX port to both DMX Input and Output. If no input DMX signal is detected, SceneStation will output DMX signals. If an input signal is detected, SceneStation will go into "passive" mode, which allows the upstream controller to be in full control of the DMX fixtures. SceneStation also uses this mode to record DMX scenes from the external source.

Ordering

**SS-305-(color)**
- **Architectural SceneStation**
  - BLK = Black
  - WHT = White
  - IVR = Ivory
  - ALM = Light Almond

**Hardwire Power Supplies**
- AC-CL2T-120B12 AC Xfmr., 120V, 12VA, Box
- AC-CL2T-120F20 AC Xfmr., 120V, 20VA, Plug

**USB Adaptors**
- SS-USB-STICK Programming Stick
- SS-USB-DONGLE Programming Dongle

**IR Remotes**
- SS-UR1 User’s Remote
- SS-IR33 Programmer’s IR Remote

**Accessories**
- SS-PE5 Portable Enclosure
- SS-DMX-PT Replacement DMX Pigtail
- SS-PCAP Replacement Button Cap
- SS-ECAP-BLK Engraved Cap (Black Text)
- SS-ECAP-WHT Engraved Cap (White Text)
- ST-UFP2-(color) Flushplate, 2 Gang
- ST-UFP3-(color) Flushplate, 3 Gang
- ST-UFP4-(color) Flushplate, 4 Gang

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