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

Distributor:

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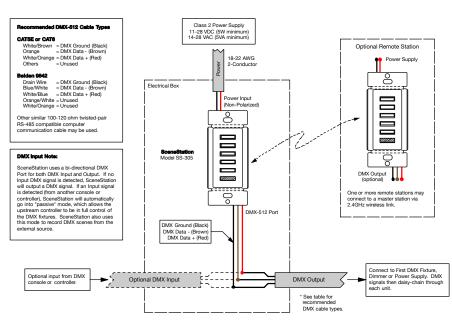
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Catalog #:	Project:
Prepared by:	Date:

Specifications

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

Connection Diagram

Recommended DMX-512 Cable Types

CAT5E or CAT6
White/Brown = DMX Ground (Black)
Orange = DMX Data - (Brown)
White/Orange = DMX Data + (Red)
Others = Unused

Belden 9842
Drain Wire = DMX Ground (Black)
Blue/White = DMX Data - (Brown)
White/Blue = DMX Data + (Red)
Orange/White = Unused
White/Orange = Unused

Other similar 100-120 ohm twisted-pair RS-485 compatible computer communication cable may be used.

DMX Input Note:

SceneStation uses a bi-directional DMX Port for both DMX Input and Output. If no Input DMX signal is detected, SceneStation will output a DMX signal. If an Input signal is detected (from another console or controller), SceneStation will automatically 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.

Class 2 Power Supply
11-28 VDC (5W minimum)
14-28 VAC (5VA minimum)

18-22 AWG 2-Conductor

Electrical Box

Power Input (Non-Polarized)

SceneStation
Model SS-305

DMX-512 Port

DMX Ground (Black)
DMX Data - (Brown)
DMX Data + (Red)

Optional input from DMX console or controller.

Optional DMX Input

DMX Output

Connect to First DMX Fixture, Dimmer or Power Supply. DMX signals then daisy-chain through each unit.

* See table for recommended DMX cable types.

Optional Remote Station

Power Supply

DMX Output (optional)

One or more remote stations may connect to a master station via 2.4GHz wireless link.

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-120P20   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