Manuals+ — User Manuals Simplified.

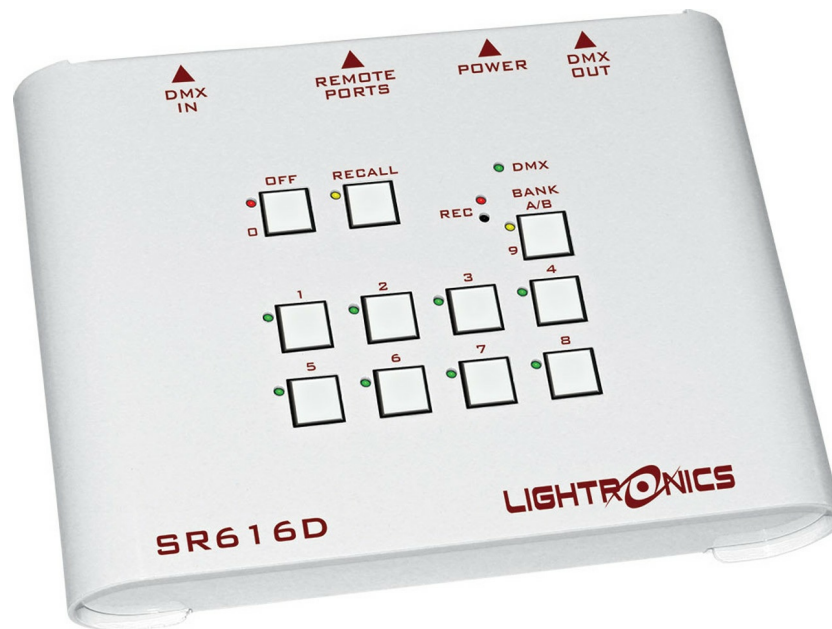# LIGHTRONICS SR517D Desktop Architectural Controller Instructions

Contents

LIGHTRONICS SR517D Desktop Architectural Controller

Product Information

Specifications:

- **Protocol:** USITT DMX512
- **Dimmer Channels:** 512
- **Total Number of Scenes:** 16 (2 banks of 8 scenes each)
- **Scene Fade Times:** Up to 99 min. User settable per scene
- **Controls and Indicators:** 8 Scene Select, Bank Select, Blackout, Record, Recall. LED indicator for all functions and DMX status.
- **Recording:** Snapshot from live console input
- **Record Lockout:** Global Recording Lockout
- **Memory:** Non-volatile with a minimum 10-year data retention.
- **Memory Type:** Flash
- **Power:** 12 – 16 VDC
- **Connectors:** DMX – 5 Pin XLR's, Remotes – DB9 (Female)
- **Remotes Cable Type:** 2 pair, low capacitance, shielded data cable (RS-485).
- **Remotes Communication:** RS-485, 62.5 Kbaud, bidirectional, 8 bit, microcontroller network.
- **Power Supply:** 12 VDC supplied by wall adapter
- **Dimensions:** 7 W X 5 D X 2.25 H
- **Weight:** 1.75 Pounds

Product Usage Instructions

Activating Lighting Scenes:
To activate stored lighting scenes, follow these steps:

1. Press the Scene Select button on the SR517D controller.
2. Select the desired scene bank using the Bank Select button.
3. Choose the specific scene within the selected bank by pressing the corresponding button.

Recording Lighting Scenes:
To record lighting scenes, follow these steps:

1. Ensure that the desired lighting setup is active on the console.
2. Press the Record button on the SR517D controller.
3. The current lighting setup will be recorded as a new scene.

Locking Out Scene Recording:
To lock out scene recording, follow these steps:

1. Activate the Global Recording Lockout by pressing the corresponding button on the SR517D controller.
2. No further changes or recordings can be made until the lockout is released.

Adjusting Fade Rates:
To adjust fade rates, follow these steps:

1. For each scene, press and hold the desired scene button on the SR517D controller.
2. While holding the scene button, use the Fade Rate Adjust control to set the desired fade time.
3. Release the scene button to save the fade rate for that particular scene.

Selecting Remote Port Modes:
To select remote port modes, follow these steps:

1. Press the Remotes button on the SR517D controller.
2. Use the corresponding LED indicators to choose the desired remote port mode.

Creating Groups of Exclusive Scenes:
To create groups of exclusive scenes, follow these steps:

1. Press and hold the desired scene button on the SR517D controller.
2. While holding the scene button, press the Exclusive Scene button.
3. Release both buttons to create an exclusive group with the chosen scene.
4. Repeat the process to add more scenes to the exclusive group.
5. Only one scene in an exclusive group may be active at a time.

FAQ:

- **Q: How can I download the Owner's Manual for SR517D?**

  A: You can view and/or download the Owner's Manual by clicking **here**.
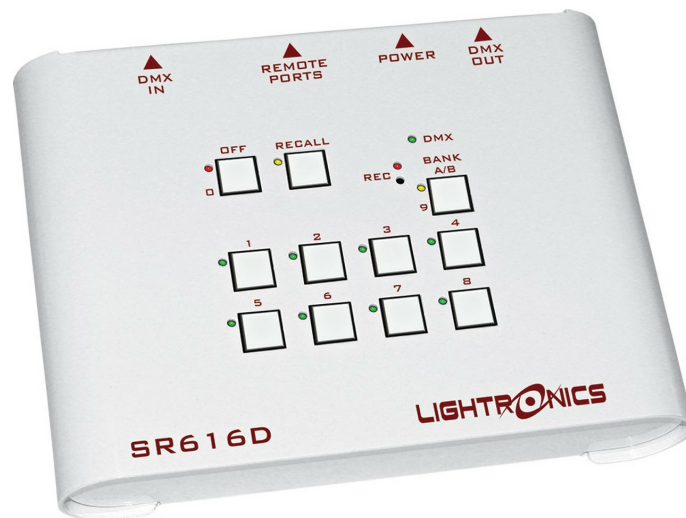
Description

- DMX512 Pile-On Operation
- 16 Scenes w/ Fade Times to 99 Minutes
- Multiple Remote Station Control
- Show Mode Station Lockout via DMX

- SCENE GROUPING – mutually exclusive

- Last Scene Recall

- 3 Configurable Contact Closures

- Fixed DMX Channels (Parking)

- Button Scenes Off with DMX Override

- Wallmount Version Available

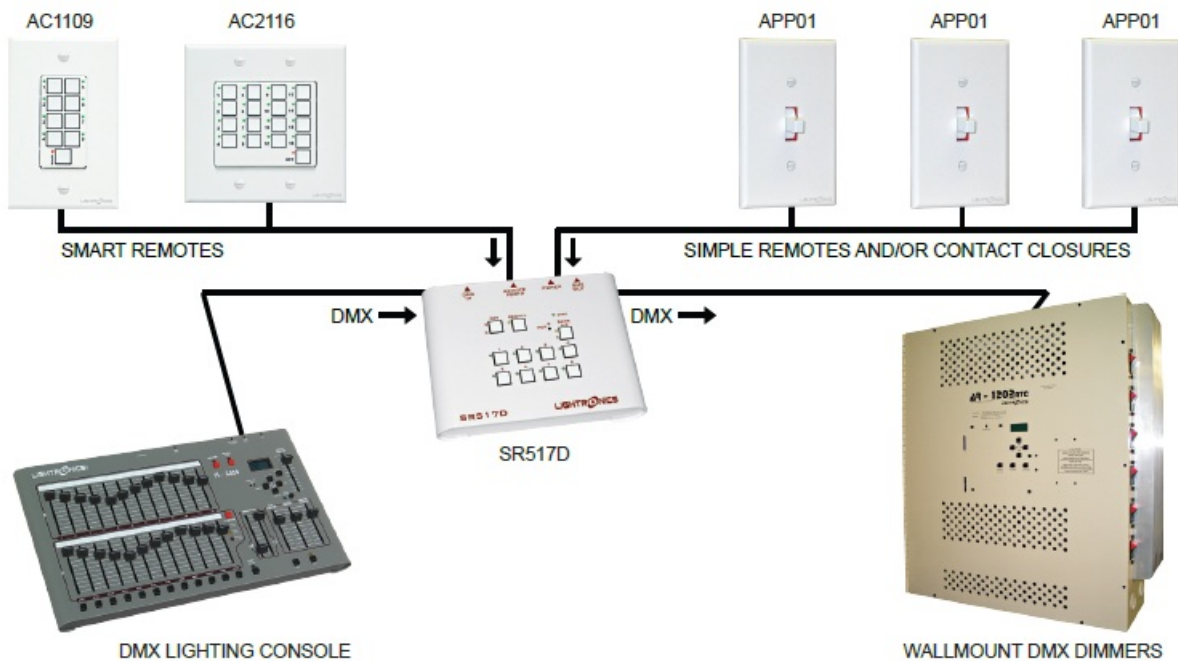**SR517D**
Desktop Architectural Controller

- With our inexpensive SR517 Unity Architectural Controller, adding Remote Wall Station Control to your existing DMX

- Dimming System has never been easier. The SR517 provides control of your house and stage lights from multiple locations.

Additional SR517 features include:
Show Mode Station Lockout via DMX, Emergency Bypass Relay, Retain previous Scenes from Power Off, Non-volatile Scene Memory, Mutually Exclusive Scene Grouping, Last Scene Recall, Record from Live DMX, fixed DMX Channels (Parking), button Scenes Off with DMX override, 3 Configurable Contact Closures, 2 Gang Wall Box Installation.

DIMMERSTYPICAL SYSTEM DIAGRAM

SPECIFICATIONS

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Architect & Engineer's Specifications

The unit shall enable a simple wall-mounted station to control an architectural and/or theatrical dimming system in addition to a standard DMX control console. The unit shall record 16 scenes of 512 channels while enabling any of the scenes to be recalled at the simple touch of the appropriate scene button or via a remote wall station button. The unit shall be an in-line pile-on processor that receives 512 DMX channels, adds a local scene, and transmits the signal as DMX512. Real-time operation assures minimum response time.

Controls shall be provided to activate stored lighting scenes, record lighting scenes, lockout scene recording,

adjust fade rates and select remote port modes. An indicator shall be provided to show DMX input and DMX output status. The unit shall include both combined scene and exclusive scene operations. A means shall be provided to create groups of exclusive scenes. Only one scene in an exclusive group may be on at a time.

The unit shall have, in addition to DMX, two remote control ports; one port for use with smart remote stations and one port for use with simple switch stations. Remote stations shall provide scene control from any convenient location. Scene recording and fade time presets shall only be done at the master panel to prevent accidental erasures. Compatible remote stations shall be installable in standard electrical wall switch boxes. A bypass shall be provided which will route a console DMX signal directly through the SR517D when the SR517D is not powered.

Smart remotes shall have LED indicators showing which scenes are active. The unit shall be the Lightronics SR517D.

To view and/or download the Owner's Manual click here: **www.lightronics.com/manuals/sr517m.pdf**.

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Documents / Resources

LIGHTRONICS SR517D Desktop Architectural Controller [pdf] Instructions
SR517D Desktop Architectural Controller, SR517D, Desktop Architectural Controller, Architectural Controller

References

- ⌀ **Lightronics - Complete Lighting and Control Systems**
- **User Manual**