

Architectural Systems

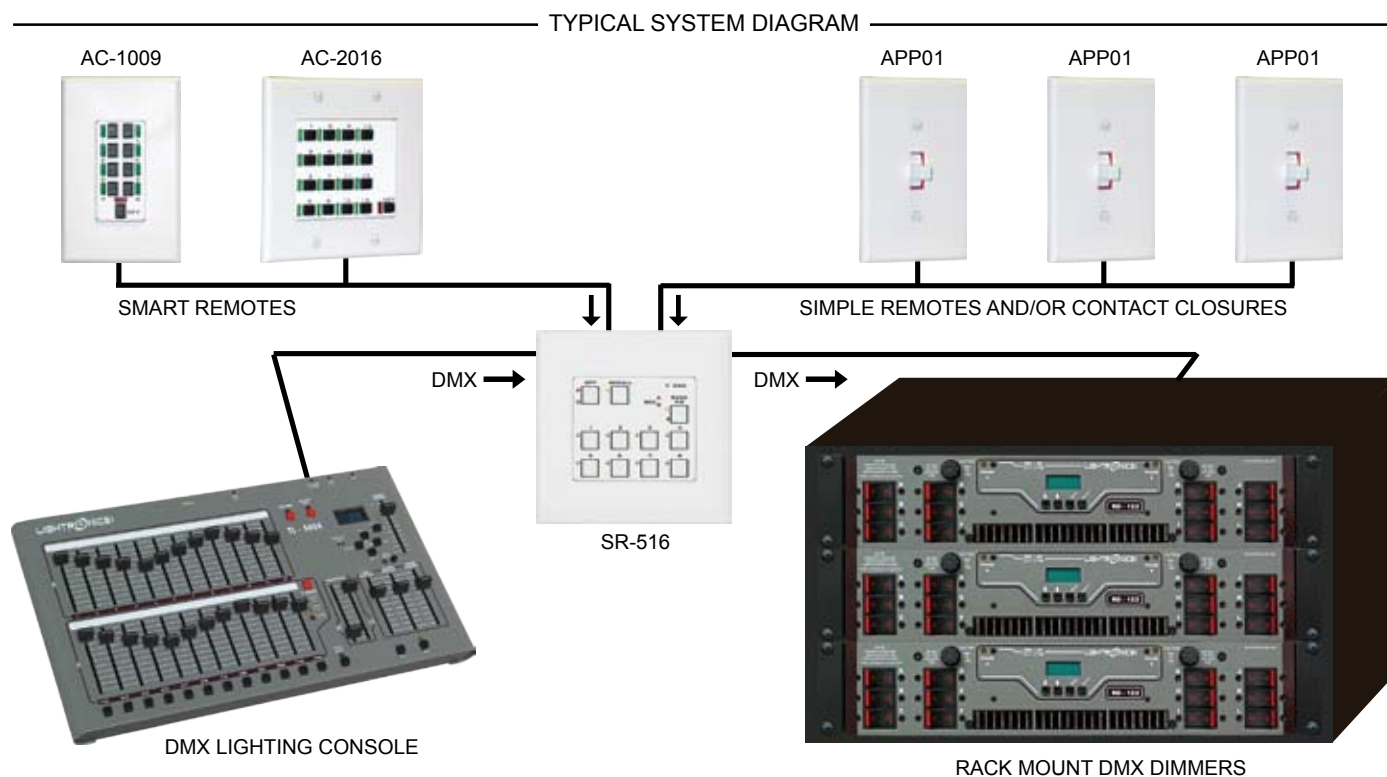
- DMX-512 Pile-On Operation
- 16 Scenes w/ Fade Times to 99 Minutes
- Multiple Remote Station Control
- Show Mode Station Lockout via DMX
- SCENE GROUPING - mutually exclusive
- Last Scene Recall
- 3 Configurable Contact Closures
- 2 Gang Wall Box Installation

SR-516
DMX Scene Controller



The SR-516 is a theatrical / house light zone controller. The unit enables multi-location wall station control of any theatrical or architectural dimming system via standard DMX-512 placed in-line between dimmer and console. The unit communicates with remotes of several types and accommodates multiple mixed type remotes.

TYPICAL SYSTEM DIAGRAM



SPECIFICATIONS

Protocol:	USITT DMX-512
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:	Plug in screw terminal
Remotes Cable Type:	2 pair, low capacitance, shielded data cable (RS-485).
Remotes Communication:	RS-485, 62.5 Kbaud, bidirectional, 8 bit, micro controller network.
Power Supply:	12 VDC supplied by wall adapter
Dimensions:	3.7" W X 1.5" D X 4" H
Weight:	1 Pound

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 which receives 512 DMX channels, add local scene and transmit the signal as DMX-512. Real time operation assures minimum response time.

Controls shall be provided to activate stored lighting scenes, record lighting scenes, lock out 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 combine scene and exclusive scene operation. 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 SR-516 to a dimmer system when the SR-516 is not powered.

Smart remotes shall have 8 or 16 scenes with LED indicators showing which scenes are active.

The unit shall be the Lightronics SR-516.

5 YEAR WARRANTY

The 5 year warranty is valid if the Warranty Registration card is returned to Lightronics, Inc. within 30 DAYS of the purchase date.