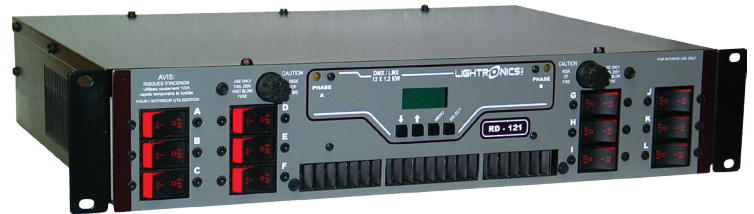


Rack Mounted Dimmers

- 12 Channels
- 1200 Watts per Channel
- Remote Activated Scene
- DMX-512 and LMX-128 Control
- UL-508 Compliant
- Stand Alone Chaser Functions

RD-121
Rack Mount Dimmer



The RD-121 multi-protocol dimmer features softpatch, remote activated internal scene and advanced chase functions that enable it to provide stand alone operation. Softpatching allows any dimmer channel to be assigned to any incoming control channel. An internal scene provides the ability to activate general lighting from each entrance way with remote switches. The slow chase feature allows gradual lighting changes for visual architectural variety. Each dimmer channel may be individually selected for dimmer or relay mode. High quality semiconductors, over-voltage, over-current, and over-temperature protection provide the reliability and confidence you expect.

CHANNEL OUTPUT CONNECTIONS OPTIONS

Duplex outlet panel with 2 connections per channel
External terminal strip (includes knockout cover)

Stagepin panel with 1 connection per channel
Patchbay panel with 4 powerlock connections per channel
Socapex connector panel (wiring per customer selection)

SPECIFICATIONS

Channels/Capacity: 12 @ 1200 Watts each

Power Input: 2 HOTS of 120VAC Single/Three Phase 60 Amps per Hot Input Under Full Load

Overload Protection: 10 Amp Fast Acting Circuit Breakers

System Addressability: Softpatch any dimmer channel to any control channel

Cooling: Variable speed fan with auto shutdown

Filtering: 350 Microseconds Minimum Rise Time

Relay Mode: Each individual channel may be set for relay mode

Minimum Load: 15 Watts

Display: Dimmer Levels, Scene/Chase/Control Signal Status and Setup Menus

Control Sources: DMX-512, LMX-128

Local Control: Dimmers may be adjusted without a console

Internal Scene: Level memory with 2 second fade rate, pile-on mode

Remote Switch: Scene ON/OFF, Chase ON/OFF, or Not Used

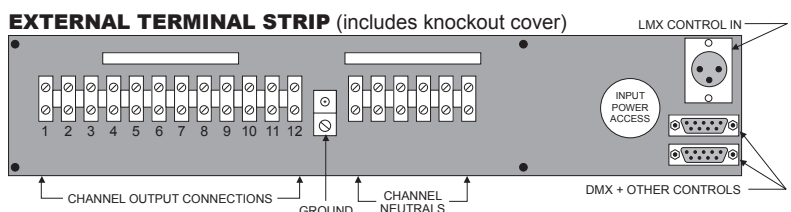
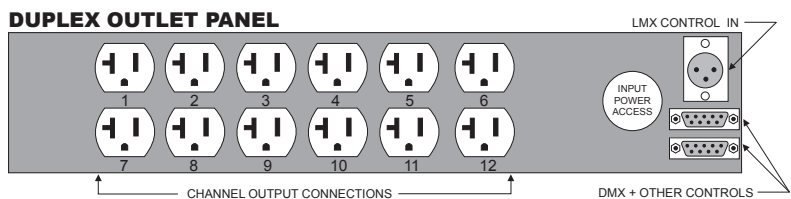
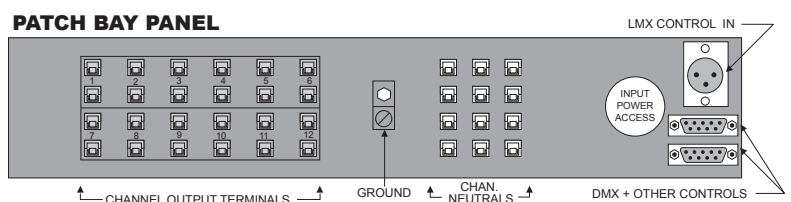
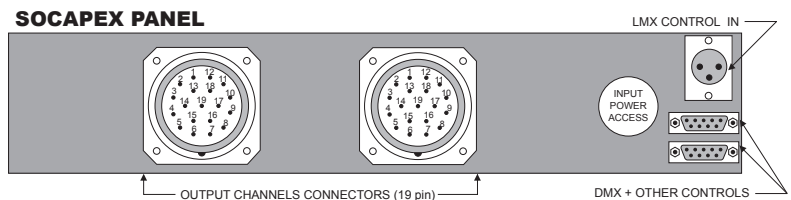
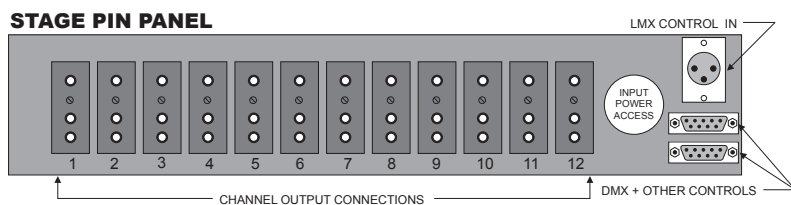
Chase Patterns: 7 Preset, 1 User Programmable

Chase Steps: 32 Maximum

Step Rates: 1/4 Second Increments, 1/4 Second to 16 1/2 Minutes

Size: 19"W x 3.5"H x 13"D

Weight: 27 Pounds



Architect & Engineer's Specifications

The dimming system shall have 12 circuits with a load capacity of 1200 Watts per circuit. Each circuit is protected by a 10 Amp fast acting magnetic circuit breaker. An allowance of 200% overhead capacity is employed in the circuit design. The dimming system shall have a rise time of not less than 350 microseconds. Programming setup and memory attributes is via a front panel LCD display with keypad controls. A user may program the system setup, dimmer attributes of Dim or Relay, Softpatch, a single scene memory and a chase via the front panel display and keypad controls. There are seven preset chases and one user programmable chase, a maximum of 32 steps are available in the chase, chase steps are programmable in 1/4 Sec. increments, 1/4 sec to 16 1/2 Minutes in length. The single scene and chase on/off are recalled via contact closure. The dimming system uses the USITT standard DMX-512 protocol and LMX-128 protocol for direct control of the dimming circuits.

Power requirements of the dimming system shall be 2 hots of 120VAC Single/Three phase service. Capacity shall be 60 Amps per leg. DMX-512 and contact closure are connected through a standard DB9 connector, a ribbon connector is used to pass data to subsequent RD series dimmers. A variety of electrical output connections are available including Stage Pin, Socapex, Patch Bay (Powerlock), Duplex (Edison) and External Terminal Strip. Mounting of the dimming system shall be on standard 19" EIA rack mount. All components and sub-systems of the dimming system shall be UL recognized and conform to the standards set forth. Dimensions are 3.5"H x 19"W x 13"D and the weight shall be 27 lbs. The Dimming System is covered by a 5 year factory warranty.

The dimming system shall be a Lightronics RD-121.

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.