



# RD - 121 RACK MOUNTED DIMMER

- DMX-512 and LMX-128 CONTROL ● TWELVE CHANNELS ● 1200 WATTS PER CHANNEL
- UL-508 LISTED ● STAND ALONE CHASER FUNCTIONS ● REMOTE ACTIVATED SCENE

The RD-121 multi-protocol dimmer features soft-patch, remote activated internal scene and advanced chase functions that enable it to provide stand alone operation. Soft-patching allows any dimmer channel to be assigned to any incoming control channel. An internal scene provides the ability to activate general lighting from each entranceway 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



### CHANNEL OUTPUT CONNECTIONS OPTIONS

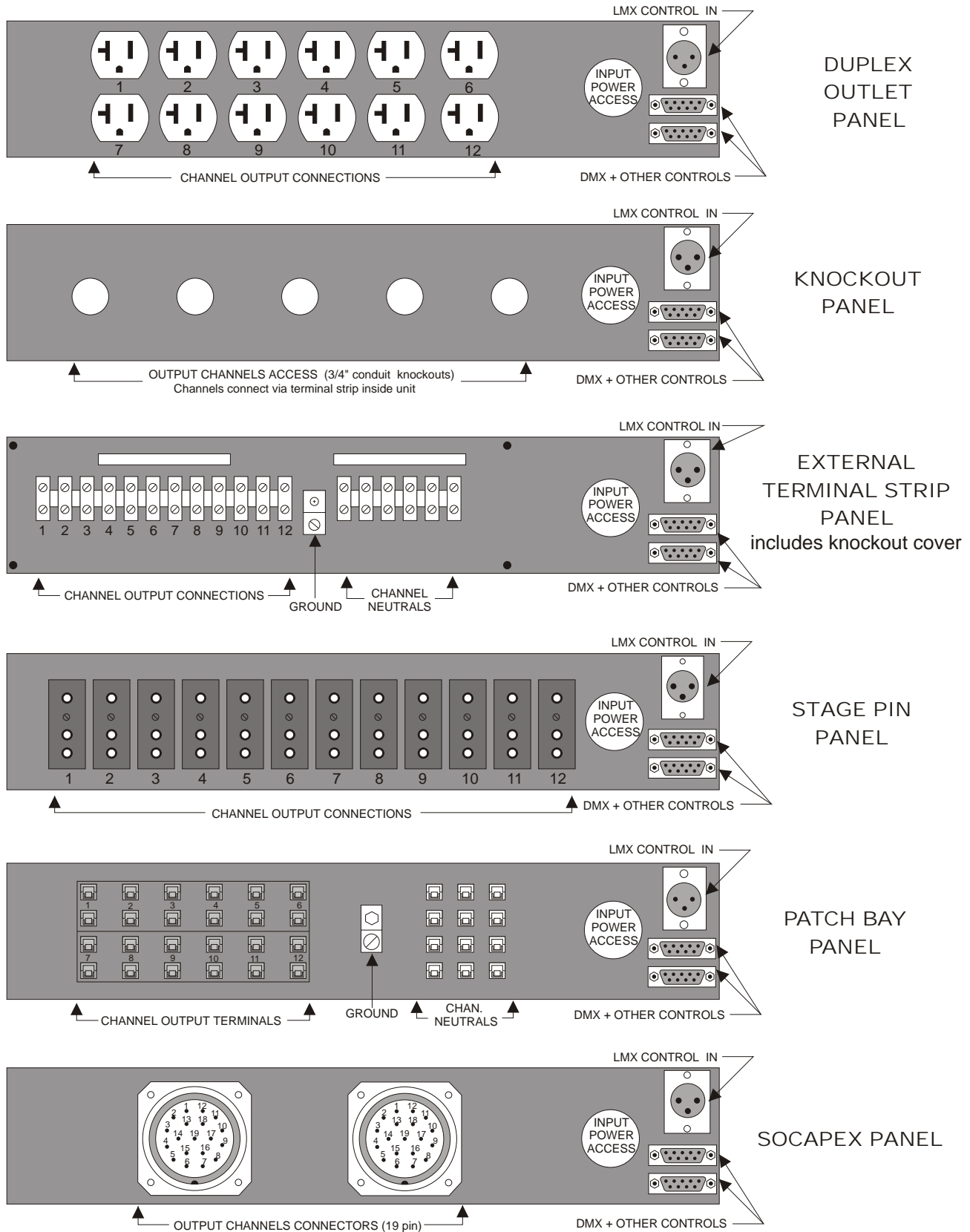
Duplex outlet panel with 1 connection per channel  
 Knockout panel with internal terminal strip  
 External terminal strip (includes knockout cover)

Stage Pin panel with 1 connection per channel  
 Patch Bay panel with 2 Powerlock connections per channel  
 Socapex connector panel (wiring per customer selection)

### SPECIFICATIONS

Channels/Capacity:	12 @ 1200 Watts each	Control sources:	DMX-512, LMX-128
Power input:	2 HOTS of 120VAC single/three phase 60 Amps per hot input under full load	Local control:	Dimmers may be adjusted without a console
Overload protection:	10 Amp fast acting circuit breakers	Internal scene:	Level memory w/2 Sec. fade rate, pile-on mode
System addressability:	Softpatch any dimmer channel to any control channel	Remote switch:	Scene on/off, Chase on/off, or not used
Cooling:	Variable speed fan with auto shutdown	Chase patterns:	7 preset, 1 user programmable
Filtering:	350 Microseconds minimum risetime	Chase steps:	32 maximum
Relay mode:	Each individual channel may be set for relay mode	Step rates:	1/4 Sec. increments, 1/4 sec to 16 1/2 Minutes
Display:	Dimmer levels, Scene/Chase/Control signal status and setup menus	Dimensions:	19"W x 3.5"H x 13"D
Minimum load:	15 Watts	Weight:	27 Pounds

# RD-121 OUTPUT PANEL OPTIONS



- NOTES:
1. Input power access is via a 1 1/4" conduit knockout.
  2. Panel dimensions: 17" wide X 3.25" high