

# Eliminator<sup>®</sup>

## LIGHTING



## Electro 2.1

**CAUTION!** Please read and understand these instructions before installing or operating this unit.

### Operating Instructions:

The Electro 2.1 has been tested at the factory, there is no assembly required. The unit is ready to be plugged into a power outlet. This unit is a 3 channel DMX intelligent LED par can. It can be run as a stand-alone unit or in a Master/Slave configuration. While in Stand Alone or a Master/Slave configuration, you can run the unit in sound active mode or under DMX Control. For stand-alone mode, Master/Slave configuration, and DMX Control see other side.

**Power Cord Daisy Chaining:** With this feature you can connect the fixtures to one another using the IEC input and output sockets. The quantity that can be connected is 33 fixtures maximum. After 33 fixtures you will need to use a new power outlet. They must be the same fixtures. **DO NOT** mix fixtures.

**1 Year Limited Warranty:** Eliminator Lighting warranty is valid from the date of purchase. Our 1 year limited warranty covers manufacturing defects only. Serial number, place of purchase with dated valid receipt must be submitted at time of service. Eliminator Lighting warranty does not cover items or parts prone to wear and tear: lamps, fuses, brushes and belts. Eliminator Lighting warranty is only valid with-in the United States.

### SPECIFICATIONS:

<b>Model:</b>	Electro 2.1
<b>LEDs:</b>	156 LEDs (60 Red, 36 Green, and 60 Blue)
<b>Weight:</b>	9lbs./ 4.08kgs.
<b>Size:</b>	13" (H) x 11.5" (W) x 11" (D)
<b>Fuse:</b>	7 Amp
<b>Supply Voltage:</b>	100v ~ 240v 50Hz/60Hz
<b>Power Cord Daisy Chain:</b>	33 Fixtures Max.
<b>Power Consumption:</b>	18W
<b>Working Position:</b>	Any Safe position
<b>Duty Cycle:</b>	None
<b>DMX Channels:</b>	3
<b>Colors:</b>	Multiple Colors
<b>Warranty:</b>	1 Year

**Caution!** Never open unit when in use. Always disconnect main power before replacing fuse. Remember to always replace with the exact same type fuse.

### Stand Alone (Sound Active Mode):

1. Put dipswitch #1 in the ON position, the fixture will run in Sound Active Mode.

**Master-Slave Operation (Auto Mode or Sound Active):** This function will allow you to link up to 16 units together and operate without a controller. In Master-Slave operation one unit will act as the controlling unit and the others will react to the controlling units operation. Any unit can act as a Master or as a Slave.

1. Using standard XLR microphone cables, daisy chain your units together via the XLR connector on the rear of the units. Remember the Male XLR connector is the input and the Female XLR connector is the output. For longer cable runs we suggest a terminator at the last fixture.
2. The dipswitch settings for Master/Slave mode is as follows:  
The Master unit must have dipswitch #1 in the ON position, and all other dipswitches in the OFF position.  
The Slave units can have any dipswitch in the ON position except dipswitch #1. Dipswitch #1 must be in the OFF position.

**Universal DMX Control:** This unit allows you to use any universal DMX-512 controller to control the different DMX traits. A DMX controller allows you to create unique programs tailored to your individual needs.

1. The Electro 2.1 uses three DMX channels.
2. To control your fixture in DMX mode, follow the set-up specifications that are included with your DMX controller.
3. Set your desired DMX address using the dipswitches.
4. Use the controller's faders to control the various DMX fixture traits.
5. For longer cable runs (more than a 100 feet) use a terminator on the last fixture.
6. For help operating in DMX mode consult the manual included with your DMX controller.

### **DMX TRAITS:**

#### CHANNEL 1: PATTERNS & MACROS

0 - 9 = PATTERN 1  
10 - 19 = PATTERN 2  
20 - 29 = PATTERN 3  
30 - 39 = PATTERN 4  
40 - 49 = PATTERN 5  
50 - 59 = PATTERN 6  
60 - 69 = PATTERN 7  
70 - 79 = PATTERN 8  
80 - 89 = PATTERN 9  
90 - 99 = PATTERN 10  
100 - 109 = PATTERN 11  
110 - 119 = PATTERN 12  
120 - 129 = PATTERN 13  
130 - 139 = PATTERN 14  
140 - 149 = PATTERN 15  
150 - 159 = MACRO 1  
160 - 169 = MACRO 2  
170 - 179 = MACRO 3  
180 - 189 = MACRO 4  
190 - 199 = MACRO 5

#### CHANNEL 1: PATTERNS & MACROS Cont.

200 - 209 = MACRO 6  
210 - 219 = MACRO 7  
220 - 229 = MACRO 8  
230 - 239 = MACRO 9  
240 - 249 = MACRO 10  
250 - 255 = SOUND ACTIVE

#### CHANNEL 2: MACRO SPEED/PATTERN STROBE

MACRO SPEED (when channel 1 is between values 150-255) -  
0 - 255 = MACRO SPEED SLOW - FAST  
PATTERN STROBE (when channel 1 is between values 0-149) -  
0 - 9 = BLACKOUT  
10 - 255 = PATTERN STROBE SLOW - FAST

#### CHANNEL 3: MASTER DIMMER

0 - 9 = BLACKOUT  
10 - 255 = 0% - 100%