

# Eliminator<sup>®</sup>

## LIGHTING

### Electro Disc LED



#### SPECIFICATIONS:

<b>Model:</b>	Electro Disc LED
<b>Voltage:</b>	100V-240V 50/60Hz
<b>LEDs:</b>	107 x 10mm LEDs (36 Red, 36 Green, & 35 Blue)
<b>Beam Angle:</b>	30 Degrees
<b>Power Consumption:</b>	14W
<b>Weight:</b>	3lbs./ 1.2kgs.
<b>Size:</b>	10.25"(L) x 9.5"(W) x 4"(H)
<b>Fuse:</b>	1 Amp
<b>Power Cord Daisy Chain:</b>	40 Fixtures Max.
<b>Working Position:</b>	Any Safe position
<b>Duty Cycle:</b>	None
<b>DMX Channels:</b>	4 DMX Channels
<b>Colors:</b>	Multiple Colors
<b>Warranty:</b>	1 Year

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

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

#### Operating Instructions:

The Electro Disc LED 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 4 channel DMX intelligent LED wash. It has 6 operating modes; Static Color mode, Color Change mode, Color Fade mode, Auto Run mode, Sound Active mode, or DMX mode. The Electro Disc LED can be used as a stand alone unit or in a master-slave configuration.

**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 40 fixtures maximum. After 40 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.

### ***Electro IR (Remote Control) On/Off:***

This function is used to activate and deactivate the Electro IR (sold separately). When this function is activated you can control the fixture using the Electro IR. Please see the last page for the controls and functions.

1. Plug the fixture in and press the MODE button until "IrXX" is displayed. "XX" represents either "on" or "oF".
3. Press the UP or DOWN buttons to either activate the remote function (On) or deactivate it (Off).

### ***Static Color Mode:***

1. Plug the fixture in and press the MODE button until "CL.XX" is displayed.
2. There are 7 colors to choose from. Select your desired color by pressing the UP and DOWN buttons. After you have selected your desired color you can activate strobing by pressing the SET UP button to enter the Flash (strobe) mode.
3. "FS.XX" will be displayed, this is Flash mode. The Flash can be adjusted between "FS.0F" (flash off) to "FS.99" (fastest flash).

### ***Color Change Mode:***

1. Plug the fixture in and press the MODE button until "JP.XX" is displayed.
2. Use the UP and DOWN buttons to adjust the color change speed the speed can be adjusted between "JP.01" (slowest) to "JP.99" (fastest).
3. After you have adjusted and selected your desired color change speed you can activate strobing by pressing the SET UP button to enter the Flash (strobe) mode. "FS.XX" will be displayed, this is Flash mode. The Flash can be adjusted between "FS.0F" (flash off) to "FS.99" (fastest flash).

### ***Color Fade Mode:***

1. Plug the fixture in and press the MODE button until "FD.XX" is displayed.
2. Use the UP and DOWN buttons to adjust the color fade speed the speed can be adjusted between "FD.01" (slowest) to "FD.99" (fastest).
3. After you have adjusted and selected your desired color fade speed you can activate strobing by pressing the SET UP button to enter the Flash (strobe) mode. "FS.XX" will be displayed, this is Flash mode. The Flash can be adjusted between "FS.0F" (flash off) to "FS.99" (fastest flash).

### ***Auto Run Mode:***

1. Plug the fixture in and press the MODE button until "AUTO" is displayed. In Auto Run mode the unit will run the color change mode and color fade mode alternatively. The speed of each mode is determined by the setting in each of those respective modes.
2. You can activate strobing by pressing the SET UP button to enter the Flash (strobe) mode. "FS.XX" will be displayed, this is Flash mode. The Flash can be adjusted between "FS.0F" (flash off) to "FS.99" (fastest flash).

### ***Sound Active Mode:***

In this mode the Electro Disc LED will react to sound, and chase through the different colors.

1. Plug the fixture in and press the MODE button until "SU.XX" is displayed. "XX" represents the sound sensitivity level.
2. Use the UP and DOWN buttons to adjust the sound sensitivity, the sensitivity can be adjusted between "SU.00" (least sensitive) to "SU.31" (most sensitive).
3. After you have adjusted and set your desired sensitivity you can press the SET UP button to enter the Flash (strobe) mode. "FS.XX" will be displayed when you enter Flash mode. You can use the UP or DOWN buttons to adjust the strobe rate. The Flash can be adjusted between "FS.0F" (strobe is off) to "FS.99" (fastest flash).

### DMX Mode:

Operating through a DMX controller gives the user the freedom to create their own programs tailored to their own individual needs. The Electro Disc LED has 4 DMX channels. See the chart below for the DMX traits and values.

1. This function will allow you to control each individual fixture's traits with a standard DMX 512 controller.
2. To run your fixture in DMX mode press the MODE button until "d.XXX" is displayed. "XXX" represents the current displayed address. Use the UP or DOWN buttons to select your desired DMX address.
3. After you have chosen your desired DMX address plug in the fixture via the XLR connections to any standard DMX controller.

### Master-Slave Configuration:

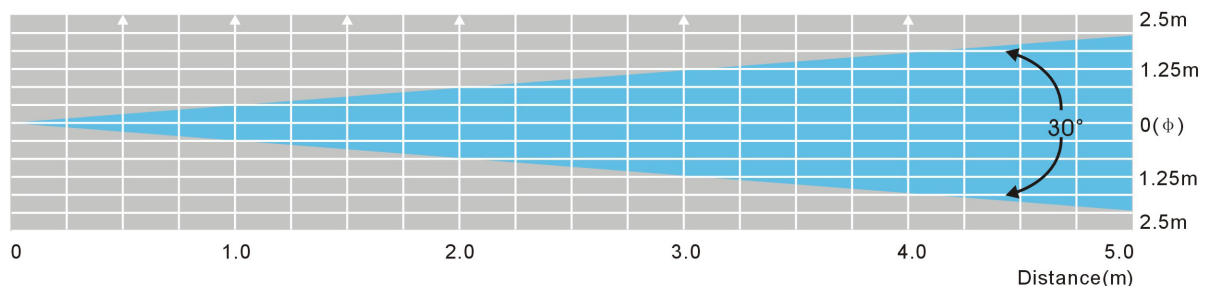
1. Daisy chain your units via the XLR connector on the rear of the unit. Use standard XLR data cables to link your units together. Remember that the Male XLR connector is the input and the Female XLR connector is the output. The first unit in the chain (master) will use the female XLR connector only. The last unit in the chain will use the male XLR connector only.
2. Connect the first "Slave" unit to the "Master."
3. Set the "Master" unit to your desired mode of operation. On the "Slave" unit, press the MODE button until "Slau" is displayed. The "Slave" unit will now follow the "Master".

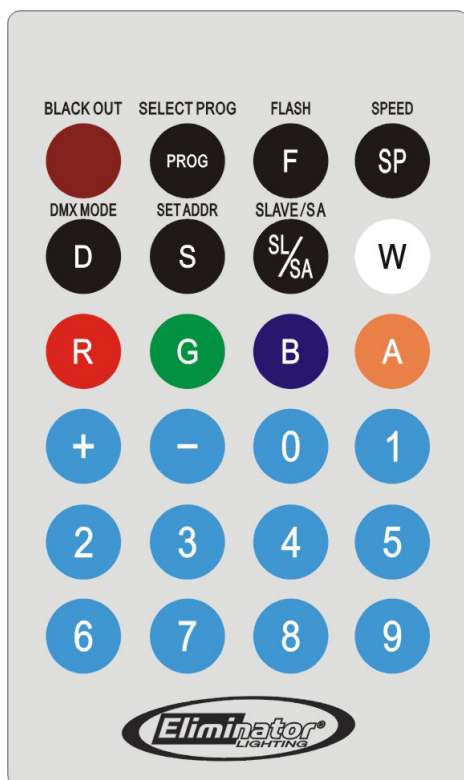
DMX Traits

CHANNEL	VALUE	FUNCTION
CH1	000-255	Red(dim→bright)
CH2	000-255	Green(dim→bright)
CH3	000-255	Blue(dim→bright)
CH4	000-189	Dimmer(dim→bright)
	190-250	Flash(slow→quick)
	251-255	No function

Photometric Chart

R	D30	119.5	38.6	17.5	10	6.7	lux
G	D30	367	91.3	42	22.8	14.9	
B	D30	375	99.1	47.2	25.5	16.5	
RGB	D30	663	175.6	73.7	42.2	27	





## Controls and Functions:

**1. Black Out** - This button will black out the unit.

**2. Select Prog** - This button will allow you to access the auto run mode and built in programs. Each press of the button will change to the next mode.

**3. Flash** - This button will activate the strobe function. Use the “+” & “-” buttons to adjust the strobe speed.

**4. SPEED** - Press this button to activate and use the “+” & “-” buttons to adjust the speed of the color fade mode and color change mode.

**5. DMX Mode** - Activates DMX Mode.

**6. Set Addr** - Press this button to set the DMX address. Press this button first, then press the numbers to set the address.

**Example: Set DMX Address 1 Press “S-0-0-1”**

**Set DMX Address 245 Press “S-2-4-5”**

**7. SL/SA (Slave/Sound Active)** - This button lets you switch between Slave mode in a Master-Slave configuration and Sound Active mode. When the fixture is in Sound Active mode, use the “+” & “-” buttons to adjust the sound sensitivity.

**8. R G B A W** - Press either one of these buttons and the press the “+” or “-” to adjust the brightness. Press the Flash Button to activate strobing and use the “+” & “-” buttons to adjust the strobe speed. The “A” & “W” buttons will not work with this unit.

**9. “+” and “-”** - Use these buttons to adjust the flash rate speed, program speed, sound sensitivity, and program selection.