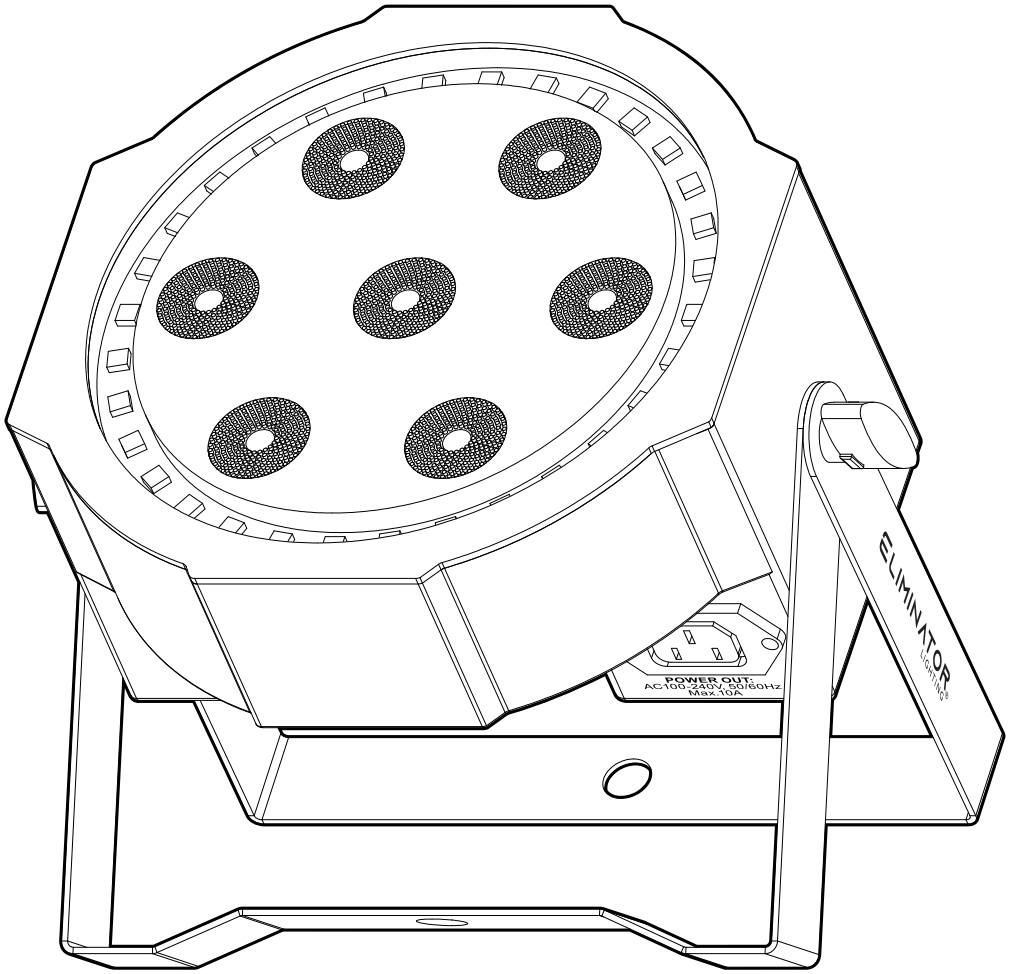
ELIMINATOR®
LIGHTING




# LP 8R
## User Manual

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## DOCUMENT VERSION

**Due to additional product features and/or enhancements, and updated version of this document may be available online.**
**Please check www.adj.com for the latest revision/update of this manual before beginning installation and/or programming.**

| Date | Document Version | Software Version > | DMX Channel Mode | Notes |
|---|---|---|---|---|
| 09/15/26 | 1.0 | 1.0.0 | 3Ch/6Ch/13/Ch/38Ch | Initial release |
| 09/23/26 | 1.1 | N/C | No Change | Updated: System Menu, Specifications; Added Index |
| | | | | |
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# GENERAL INFORMATION

## INTRODUCTION

Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this device. These instructions contain important safety and use information.

**This product is intended for use by professionally trained personnel only, and is not suitable for private use.**

## Unpacking

Every device has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton is damaged, carefully inspect the device for damage, and be sure all accessories necessary to install and operate the device have arrived intact. In the event damage has been found or parts are missing, please contact our customer support team for further instructions. Please do not return this device to your dealer without first contacting customer support. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

**Parts:** To purchase parts online visit:
http://parts.adj.com (US)
http://www.adjparts.eu (EU)

**ADJ SERVICE USA** - Monday - Friday 8:00am to 4:30pm PST
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## LIMITED WARRANTY

For up-to-date warranty information regarding your device, please visit ADJ's warranty information page online or scan the QR codes below.

**USA: https://www.adj.com/pages/warranty-information**

**EU: https://www.adj.eu/terms_and_conditions**

It is strongly recommended to power the fixture down completely when not in use. Doing so will reduce wear on the fixture due to sustained or extended operational periods, thereby maximizing its operational lifespan.

# FEATURES

- Versatile and powerful wash fixture designed for DJs, mobile entertainers, bars, small venues, and stage applications
- 7 × 8W RGBW (4-in-1) LEDs combined with a 32-piece RGB 3-in-1 LED ring
- Produces rich, pure colors with excellent blending and smooth, even wash output
- Long-life LEDs rated at 50,000 hours for reliable performance show after show
- Four DMX channel modes (3 / 6 / 13 / 38 channels) supporting simple to fully programmed control
- White balance adjustment and color cast correction for precise color accuracy
- High-speed synchronous strobe effect
- Built-in temperature protection ensures safe and stable operation
- Multiple control options: DMX512, Primary-Secondary, Auto Run, Sound Active, and Wireless Remote Control
- 0–100% linear dimming for smooth fades and professional transitions
- Compact and lightweight design for easy transport, mounting, and integration into tight spaces
- Low power consumption of only 60W
- IP20 rated for indoor installations and mobile setups

# SAFETY GUIDELINES

To ensure smooth operation, it is important to follow all instructions and guidelines in this manual. **Eliminator Lighting, LLC** is not responsible for injury and/or damages resulting from the misuse of these devices due to the disregard of the information printed in this manual. Only qualified and/or certified personnel should perform installation of these devices, and only the original rigging parts included with these devices should be used for installation. Any modifications to these devices and/or the included mounting hardware will void the original manufacturer's warranty and increase the risk of damage and/or personal injury.



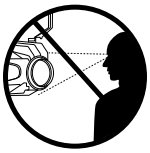
**THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT. DO NOT ATTEMPT ANY REPAIRS YOURSELF; DOING SO WILL VOID YOUR MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS FIXTURE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURER'S WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/OR REPAIRS.DO NOT PLUG FIXTURE INTO A DIMMER PACK!**



**NEVER OPEN THIS FIXTURE WHILE IN USE!**
**UNPLUG POWER BEFORE SERVICING FIXTURE!**
**NEVER TOUCH FIXTURE DURING OPERATION, AS IT MAY BE HOT!**
**KEEP FLAMMABLE MATERIALS AWAY FROM FIXTURE!**




**INDOOR / DRY LOCATIONS USE ONLY!**
**DO NOT EXPOSE DEVICES TO RAIN AND/OR MOISTURE!**



**NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE! RETINA INJURY RISK — MAY INDUCE BLINDNESS! SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!**

**DO NOT** shake fixture or use brute force during installation or operation.

**DO NOT** operate the fixture if the power cord is frayed, crimped, or damaged. Replace damaged cords with ones of identical power rating.

**DO NOT** remove or break off the ground prong from the power cord.

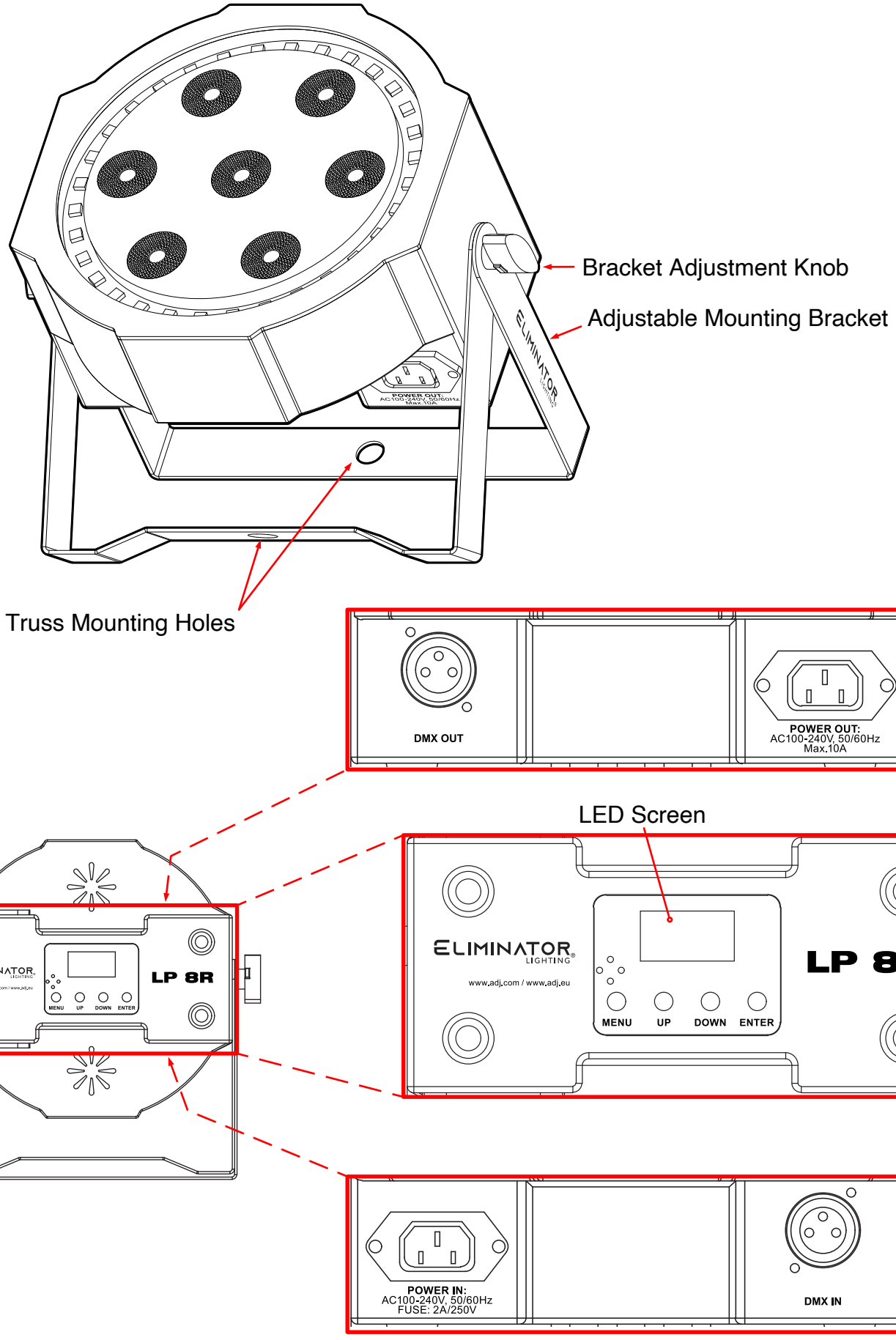
**ALWAYS** disconnect the fixture from main power before cleaning or performing any maintenance.

Power cords should be routed and secured so they are not likely to be walked on or pinched.

Use the original packaging and materials when transporting the fixture for service.

This fixture should be serviced by qualified personnel when the power cord or plug is damaged, liquid has been spilled into the unit, the unit has been exposed to rain or moisture, or the unit does not operate normally or exhibits a marked change in performance.

# OVERVIEW


Bracket Adjustment Knob
Adjustable Mounting Bracket
Truss Mounting Holes
DMX OUT
POWER OUT:
AC100-240V, 50/60Hz
Max.10A
LED Screen
ELIMINATOR
LIGHTING
www.adj.com / www.adj.eu
LP 8R
MENU
UP
DOWN
ENTER
POWER IN:
AC100-240V, 50/60Hz
FUSE: 2A/250V
DMX IN

# INSTALLATION GUIDELINES



**FLAMMABLE MATERIAL WARNING**

Keep fixture at least 0.5 m (1.6 ft) away from any flammable materials, decorations, or pyrotechnics.



**ELECTRICAL CONNECTIONS**

A qualified electrician should be used for all electrical connections and/or installations.



**MINIMUM DISTANCES**

- Minimum distance to objects/surfaces: 0.5 m (1.6 ft)
- Minimum distance to illuminated objects: 0.5 m (1.6 ft)
- Minimum distance of flammable materials from fixture surface: 1 m (3.3 ft)



**DEVICE IS INTENDED FOR INDOOR USE ONLY!** Outdoor installation or exposure to rain or moisture can damage the device and void the manufacturer's warranty.

**DO NOT INSTALL THE FIXTURE IF YOU ARE NOT QUALIFIED TO DO SO!**

- Fixture **MUST** be installed following all local, national, and country commercial electrical and construction codes and regulations.
- Before rigging/mounting a single fixture or multiple fixtures to any metal truss/structure or placing the fixture(s) on any surface, a professional equipment installer MUST be consulted to determine if the metal truss/structure or surface is properly certified to safely hold the combined weight of the fixture(s), clamps, cables, and accessories.
- Minimum/Maximum ambient operating temperature is **-4°F to 113°F (-20°C to 45°C)**. Do not use operate the fixture when ambient temperature exceeds this value!
- Fixture(s) should be installed outside walking paths, seating areas, or areas were unauthorized personnel might reach the fixture by hand.
- **NEVER** stand directly below the fixture(s) when rigging, removing, or servicing.
- Overhead fixture installation must always be secured with a secondary safety attachment, such as an appropriately rated safety cable.
- Allow approximately 15 minutes for the fixture to cool down before servicing.

**RIGGING**

**Overhead rigging requires extensive experience, including calculating working load limits, knowledge about installation materials being used, and periodic safety inspection of all installation material and the fixture, among other skills. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.**

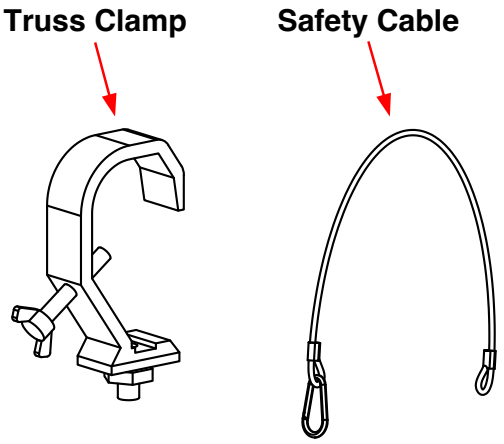
**OPERATIONAL BREAKS**

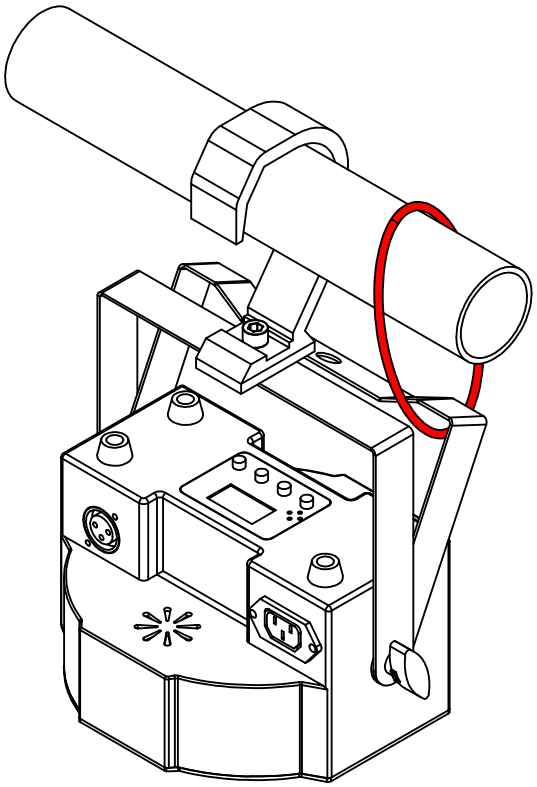
**Duty Cycle - It is strongly recommended to power the fixture down completely when not in use. Doing so will reduce wear on the fixture due to sustained or extended operational periods, thereby maximizing the fixture's operational lifespan.**

# INSTALLATION GUIDELINES

## CLAMP INSTALLATION

This fixture features mounting clamp attachment point. Attach safety cable loop as shown in the illustration below. When mounting the fixture to a truss or any other suspended or overhead installation, be sure to secure an appropriately rated clamp **(not included)** to the clamp attachment point and attach a separate **SAFETY CABLE** of the appropriate safety rating to the safety cable rigging point.



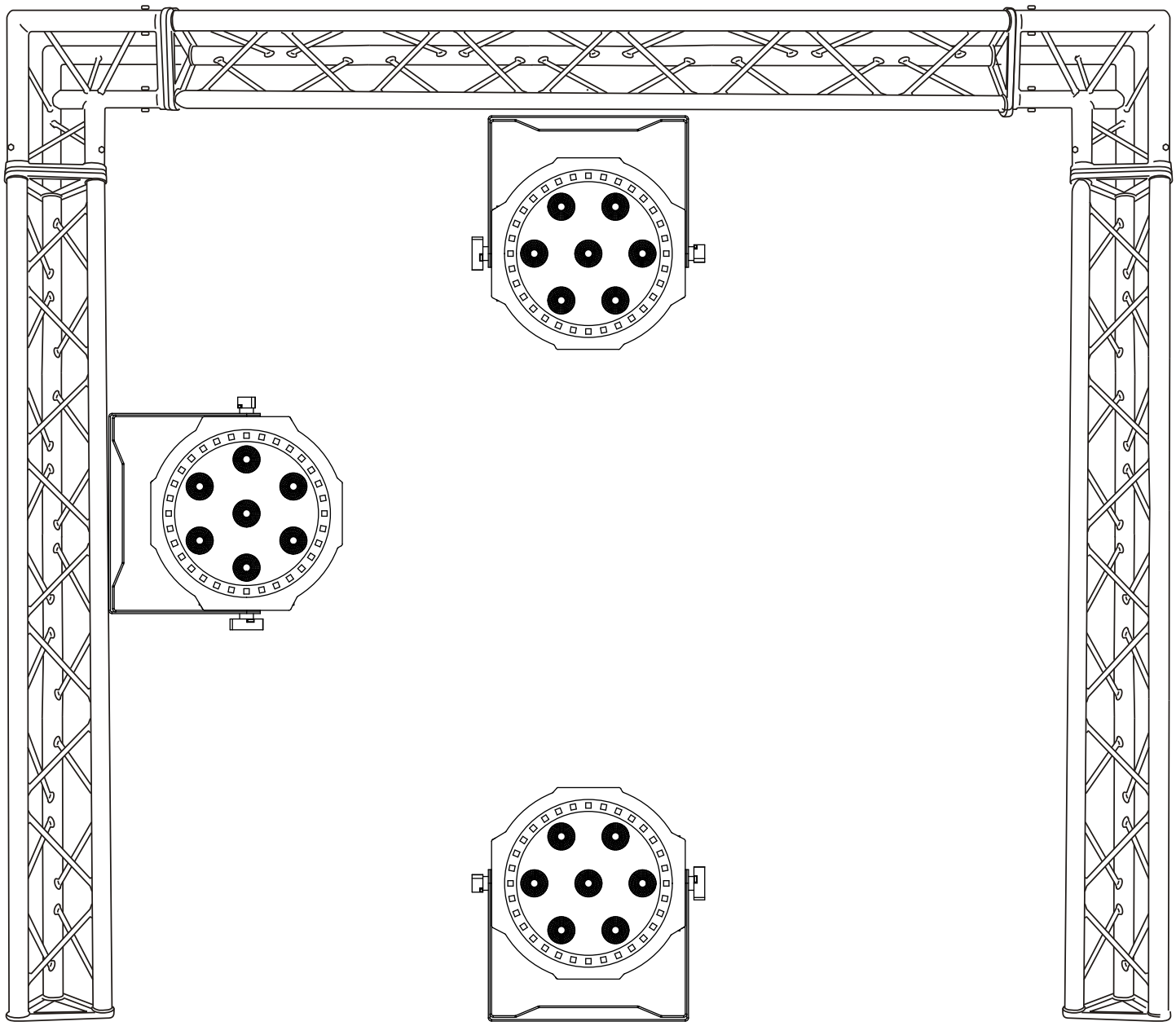



**SAFETY CABLE**
**ALWAYS ATTACH AN APPROPRIATELY RATED SAFETY CABLE WHENEVER INSTALLING THIS FIXTURE IN A SUSPENDED ENVIRONMENT TO ENSURE THE FIXTURE WILL NOT FALL IF THE CLAMP FAILS.**

# INSTALLATION GUIDELINES

## FIXTURE INSTALLATION

The **ELIMINATOR LP 8R** is fully operational in three different mounting positions, hanging upside-down, mounted sideways on trussing, or set on a flat level surface. Be sure this fixture is kept at least 0.2m (7.9in.) away from any flammable materials (decoration etc.). Always use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails.



**FALLING FIXTURES CAN CAUSE SEVERE INJURY OR SERIOUS EQUIPMENT DAMAGE! FOR THIS REASON, FIXTURES SHOULD BE INSTALLED AND INSPECTED ONLY BY QUALIFIED PERSONNEL. DO NOT INSTALL THE UNIT IF YOU LACK THE QUALIFICATIONS TO DO SO, OR IF YOU HAVE DOUBTS ABOUT THE SAFETY AND SECURITY OF THE INSTALLATION SETUP OR LOCATION!**

**ALWAYS ATTACH A SAFETY CABLE WHENEVER INSTALLING THIS FIXTURE IN A SUSPENDED ENVIRONMENT TO ENSURE THE FIXTURE WILL NOT FALL IF THE CLAMP FAILS.**

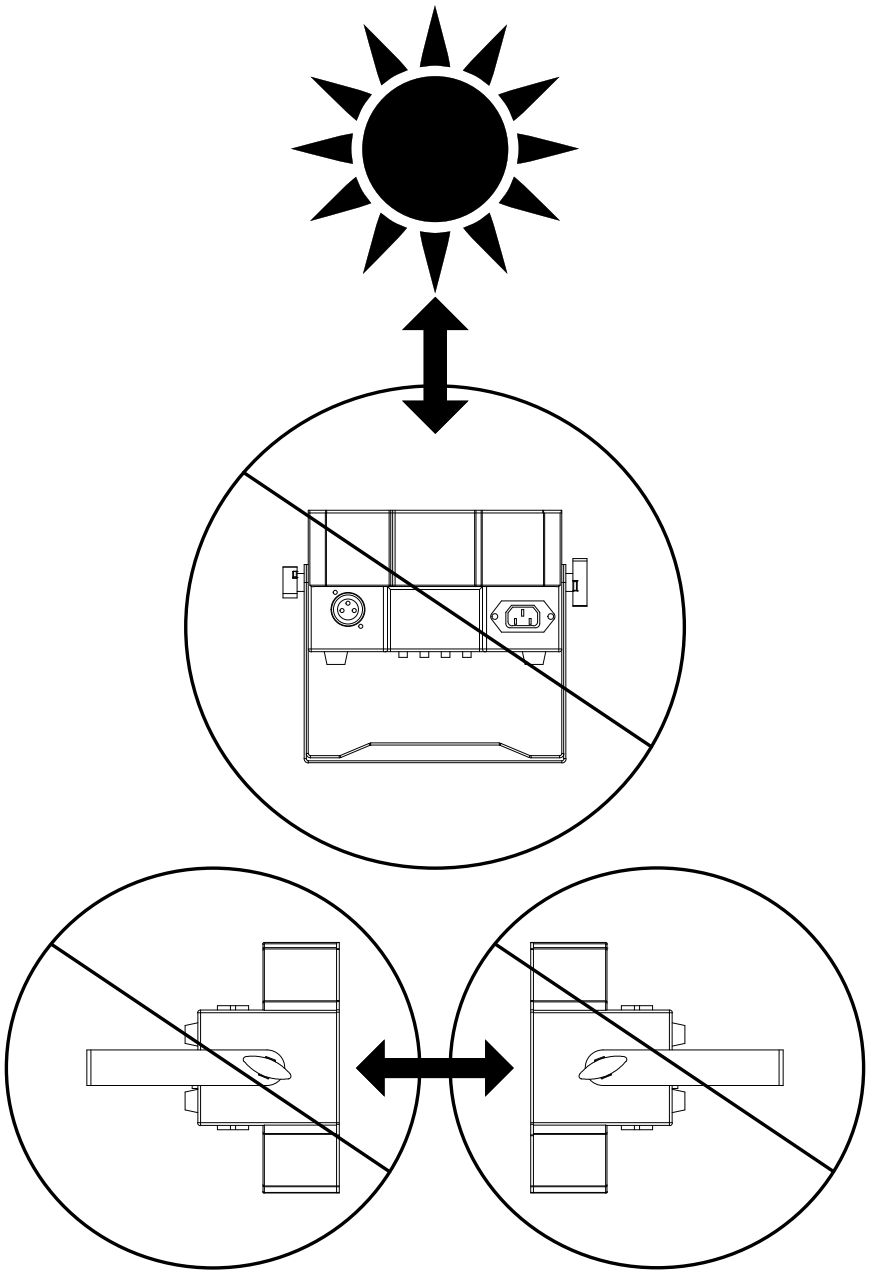
# INSTALLATION GUIDELINES

## POTENTIAL INTERNAL FIXTURE DAMAGE FROM EXTERNAL SOURCES OF LIGHT BEAMS

External sources of light beams from direct sunlight, lighting and moving head fixtures, and lasers, which are focused directly towards the exterior housing and/or penetrate the front lens opening of Eliminator lighting fixtures, can cause severe internal damage including burning of optics, dichroic color filters, glass and metal gobos, prisms, animation wheels, frost filters, iris, shutters, motors, belts, wiring, discharge lamps, and LEDs.

This issue is not specific only to Eliminator lighting fixtures, but rather it is a common issue with lighting fixtures from all manufacturers. Although there is no true way to fully prevent this issue from happening, the guidelines below can reduce the risk of potential damage. Contact Eliminator Service for more details.

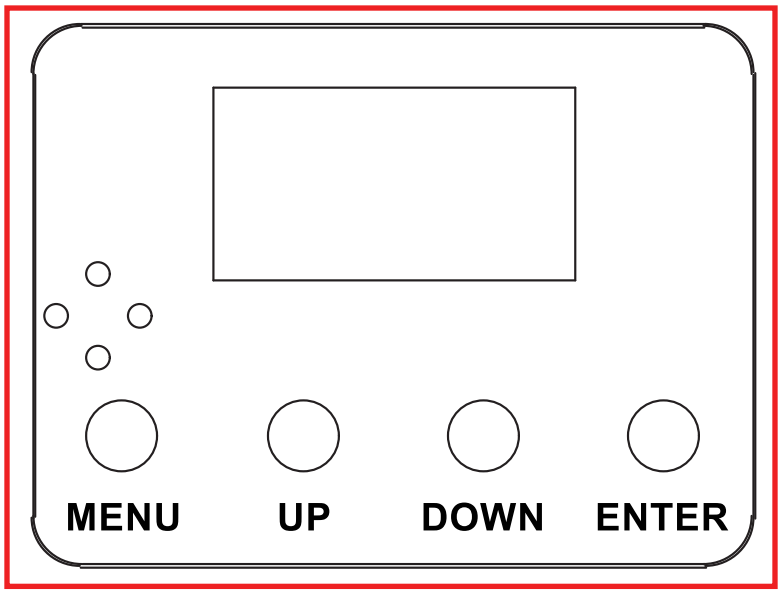
**DO NOT EXPOSE THE FIXTURE AND/OR FRONT LENS OPENING TO LIGHT BEAMS FROM DIRECT SUNLIGHT, OTHER LIGHTING OR MOVING HEAD FIXTURES, AND LASERS DURING UNPACKING, INSTALLATION, USE, AND EXTENDED IDLE TIMES OUTDOORS. DO NOT FOCUS A LIGHT BEAM FROM ONE LIGHTING FIXTURE DIRECTLY TOWARDS ANOTHER.**



# SYSTEM MENU

The fixture includes an easy to navigate system menu control panel display where all necessary settings and adjustments are made.

- **MENU:** Cycles through the main menu options and/or return to previous menu without making changes.
- **DOWN/UP:** Scroll through options in the selected menu.
- **ENTER:** Select highlighted option and/or confirm selection.




**SOFTWARE UPDATES:**
Software updates should be performed by trained personnel only! Contact Customer Service at the number or email listed below for assistance with performing software updates.

Tel: (323) 582-2650
support@eliminatorlighting.com

# SYSTEM MENU

| NO | MENU | OPTIONS / VALUES | | DESCRIPTION |
|---|---|---|---|---|
| **1** | **Addr** | A001-A512 | | Address code |
| **2** | **Chnd** | 3Ch / 6Ch / 13Ch / 38Ch | | Channel Mode |
| **3** | **Sec2** | Pri1 / Sec2 | | Primay / Secondary Mode |
| **4** | **Shnd** | Sh-0 - Sh-9 | SP00-99 | 9 Auto Modes (Center LEDs, adjustable speed when sound control is off).<br>Sh0 turns off the main LEDs. |
| **5** | **ring** | rl-0 - rl-24 | SP00-99 | LED strip macro function (adjustable speed when sound control is off)<br>rl0 turns off the ring LEDs |
| **6** | **Soun** | on / oFF | | Sound Control Mode |
| **7** | **Sens** | 000-255 | | Sound Sensitivity |
| **8** | **nAnU** | rEd | 000-255 | R dimmer, from dark to bright. |
| | | grEE | 000-255 | G dimmer, from dark to bright. |
| | | bLUE | 000-255 | B dimmer, from dark to bright. |
| | | UHIt | 000-255 | W dimmer, from dark to bright. |
| | | rIng | 000-255 | LED strip macro |
| | | Stro | 000-255 | Strobe/ Shutter |
| **9** | **dISp** | dSIp | | Reverse Display |
| **10** | **Led** | on / oFF | | Screen on/off after 30 seconds |
| **11** | **dEFA** | yEs / no | | Factory Reset |
| **12** | **Vx.x** | x.x | | Software version |

# SYSTEM MENU

**DMX Mode**

This function allows you to control the fixture with a standard DMX 512 controller.

1. Press the MENU button until Addr is displayed, then press ENTER.
2. Use the UP or DOWN buttons to select the desired DMX address (A001–A512), then press ENTER.
3. Press the MENU button until Chnd is displayed, then press ENTER.
4. Use the UP or DOWN buttons to select the desired channel mode (3Ch / 6Ch / 13Ch / 38Ch), then press ENTER.
5. Connect the fixture to a DMX controller via XLR.

**Primary / Secondary Mode**

1. Press the MENU button until Sec2 is displayed, then press ENTER.
2. Select Pri1 for Primary mode or Sec2 for Secondary mode, then press ENTER.
3. Connect Secondary fixtures to the Primary fixture via DMX cables. Secondary fixtures will follow the Primary.

**Auto Programs (Center LEDs)**

1. Press the MENU button until Shnd is displayed, then press ENTER.
2. Use the UP or DOWN buttons to select an auto program (Sh-0 to Sh-9).
   - Sh-0 turns the main (center) LEDs off.
3. Press ENTER, then adjust the speed (SP00–SP99) if desired.

**LED Ring Macros**

1. Press the MENU button until ring is displayed, then press ENTER.
2. Use the UP or DOWN buttons to select a ring macro (rl-0 to rl-24).
   - rl-0 turns the ring LEDs off.
3. Press ENTER, then adjust the speed (SP00–SP99) if desired.

**Sound Active Mode**

1. Press the MENU button until Soun is displayed, then press ENTER.
2. Select on or oFF, then press ENTER.
3. To adjust sensitivity, press the MENU button until Sens is displayed, then press ENTER.
4. Use the UP or DOWN buttons to set the sensitivity (000–255), then press ENTER.

**Manual Color Control**

1. Press the MENU button until nAnU is displayed, then press ENTER.
2. Select the desired parameter (rEd, grEE, bLUE, UHIt, rIng, or Stro).
3. Use the UP or DOWN buttons to adjust the value (000–255), then press ENTER.

**Display Settings**

- **dISp** — Reverse the display orientation.
- **Led** — Turn the display on/off after 30 seconds of inactivity.
- **dEFA** — Restore factory default settings (select yEs to confirm).

**Vx.x**

Displays current software version.

# WIRELESS REMOTE CONTROL

The LP 8R can be controlled with the included wireless remote. Point the remote at the fixture's IR receiver and press the desired button. The remote has a working range of approximately 10–15 meters (33–50 ft) in a clear line of sight.

Typical Remote Functions

**On / Off -** Power the fixture on or off.

**Auto -** Cycle through built-in auto programs.

**Sound -** Activate Sound Active mode.

**Speed +/- -** Increase or decrease program / strobe speed.

**Dimmer + / – -** Increase or decrease overall intensity.

**Strobe -** Activate / adjust strobe.

**Color -** Cycle through static colors or color macros.

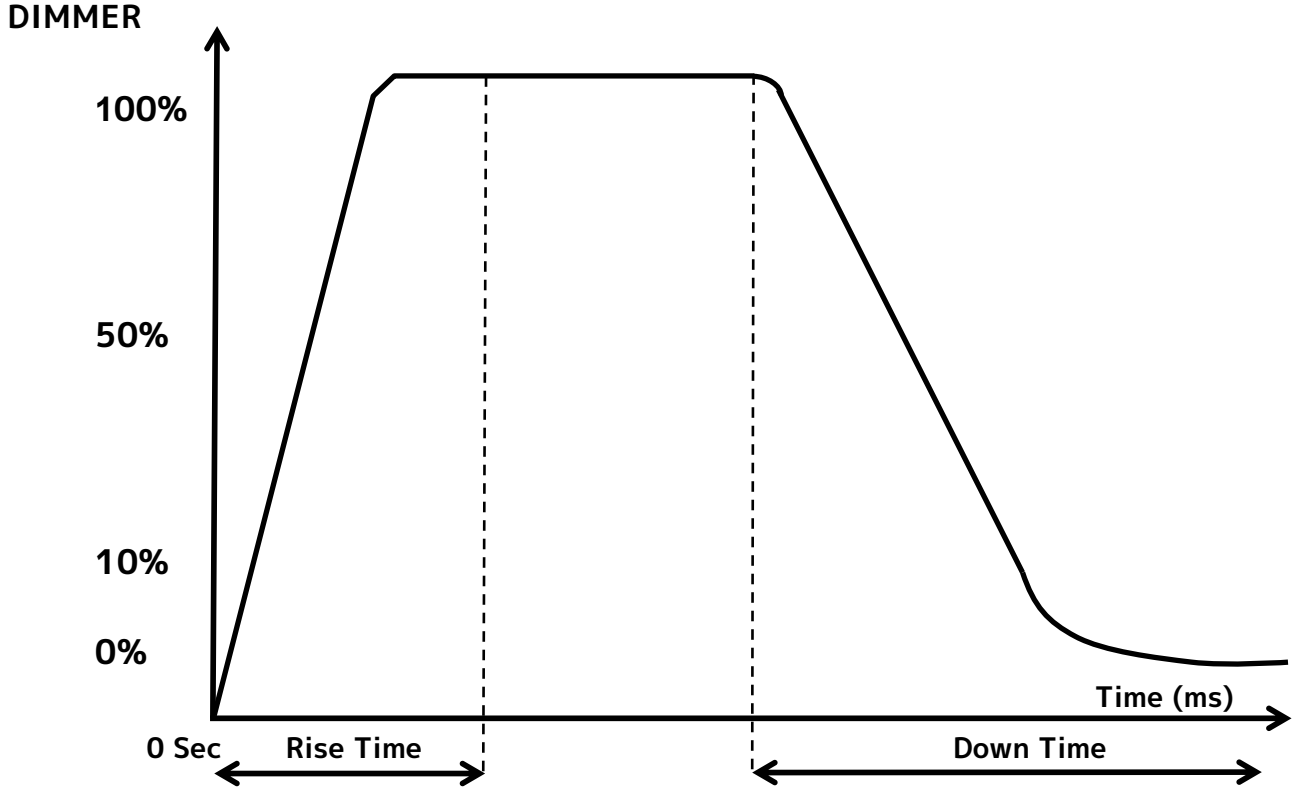
**Ring -** Control LED ring macros / on-off.

**R / G / B / W -** Individual color intensity (when supported).

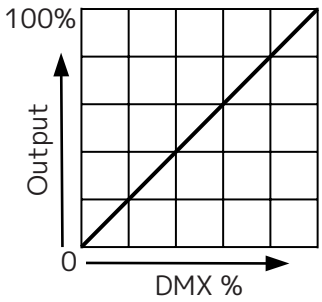
**Notes:**

- Some buttons may have dual functions depending on the current operating mode.
- The remote is designed for quick stand-alone operation and does not replace full DMX control.
- If the remote does not respond, check battery condition and ensure a clear line of sight to the fixture's IR receiver.

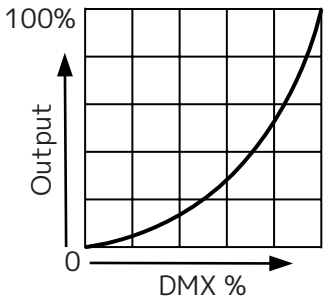
# DIMMER MODES AND CURVES



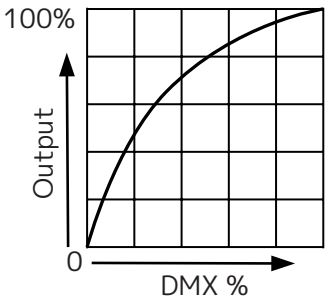

| Dimming Curve Ramp Effect | 0 sec Fade Time | | 1 sec Fade Time | |
|---|---|---|---|---|
| | Rise Time (ms) | Down Time (ms) | Rise Time (ms) | Down Time (ms) |
| **Standard (default)** | 0 | 0 | 0 | 0 |
| **Stage** | 780 | 1100 | 1540 | 1660 |
| **TV** | 1180 | 1520 | 1860 | 1940 |
| **Architectural** | 1380 | 1730 | 2040 | 2120 |
| **Theatre** | 1580 | 1940 | 2230 | 2280 |
| **Stage 2** | 0 | 1100 | 0 | 1660 |



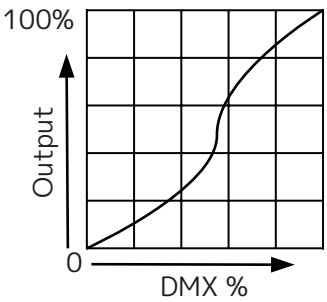
LINEAR



SQUARE



INVERSE SQUARE



S-CURVE

# DMX SETUP

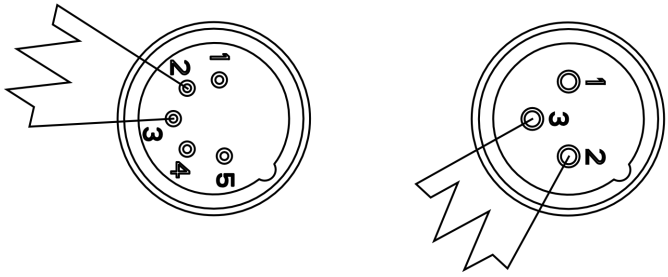
**DMX-512:** DMX is short for Digital Multiplex. This is a universal protocol used as a form of communication between intelligent fixtures and controllers. A DMX controller sends DMX data instructions from the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture via the DATA "IN" and DATA "OUT" XLR terminals located on all DMX fixtures (most controllers only have a DATA "OUT" terminal).

**DMX Linking:** DMX is a language allowing all makes and models of different manufacturers to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. To ensure proper DMX data transmission, try to use the shortest cable path possible when linking several DMX fixtures. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example, a fixture assigned a DMX address of 1 may be placed anywhere in a DMX line: at the beginning, at the end, or anywhere in the middle. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.



**Data Cable (DMX Cable) Requirements (For DMX Operation):** This unit can be controlled via DMX-512 protocol and features 2 selectable DMX modes. Please refer to the **DMX Traits** section of this manual for detailed information. The DMX address can be set using the controls on the rear panel of the unit. Your unit and your DMX controller require a 3-pin XLR connector for data input/output. We recommend Accu-Cable DMX cables. If you are making your own cables, be sure to use standard 110-120 Ohm shielded cable (This cable may be purchased at almost all pro lighting stores). Your cables should be made with a male XLR connector on one end and a female XLR connector on the other. Also remember that DMX cable must be daisy chained and cannot be split.

**Special Note: Line Termination.** When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behavior. A terminator is a 110-120 ohm 1/4 watt resistor which is connected between pins 2 and 3 of a male XLR connector (DATA + and DATA -). This unit is inserted in the female XLR connector of the last unit in your daisy chain to terminate the line. Using a cable terminator (ADJ part number Z-DMX/T) will decrease the possibilities of erratic behavior.




A DMX512 terminator reduces signal errors, avoiding most signal reflection interference. Connect PIN 2 (DMX-) and PIN 3 (DMX+) of the last fixture in series with a 120 Ohm, 1/4 W Resistor to terminate the DMX512.

**5-Pin XLR DMX Connectors:** Some manufacturers use 5-pin DMX-512 data cables for DATA transmission in place of 3-pin. 5-pin DMX fixtures may be integrated into a 3-pin DMX line with a 5-pin to 3-pin adapter cable. These adapters are readily available at most electronics stores. Follow the chart below for a proper conversion.

| 3-Pin XLR to 5-Pin XLR Conversion | | |
|---|---|---|
| Ground/Shield | Pin 1 | Pin 1 |
| Data Compliment (- signal) | Pin 2 | Pin 2 |
| Data True (+ signal) | Pin 3 | Pin 3 |
| Not Used | | Do Not Use |
| Not Used | | Do Not Use |

# DMX SETUP

**DMX Addressing:**

All fixtures should be given a DMX starting address when using a DMX controller, in order to ensure that the correct fixture responds to the correct control signal. This digital starting address is the channel number from which the fixture starts to “listen” to the digital control signal sent out from the DMX controller. The assignment of this starting DMX address is achieved by setting the correct DMX address on the digital control display on the fixture.

You can set the same starting address for all fixtures or a group of fixtures, or set different addresses for each individual fixture. Setting all fixtures to the same DMX address will cause all fixtures to react in the same way; in other words, changing the settings of one channel will affect all the fixtures simultaneously.

If you set each fixture to a different DMX address, each unit will start to “listen” to the channel number you have set, based on the quantity of DMX channels of each fixture. That means changing the settings of one channel will only affect the selected fixture. For instance, when this unit is set to 10 Channel mode, you should set the starting DMX address of the first unit to 1, the second unit to 11 (1 + 10), the third unit to 21 (1 + 10 + 10), the fourth unit to 31 (1 + 10 + 10 + 10), etc...

| Channel Mode | Unit 1 Address | Unit 2 Address | Unit 3 Address | Unit 4 Address |
|---|---|---|---|---|
| 3Ch | 1 | 4 | 7 | 10 |
| 6Ch | 1 | 7 | 13 | 19 |
| 13Ch | 1 | 14 | 27 | 40 |
| 38Ch | 1 | 39 | 77 | 115 |

# DMX TRAITS

| CHANNEL | | | | DMX VALUES | FUNCTION | LEDS |
|---|---|---|---|---|---|---|
| 3Ch | 6Ch | 13Ch | 38Ch | | | |
| | 1 | 1 | 1 | 000-255 | **Main Dimming** | Middle 7 LEDs |
| | | 2 | 2 | | **Strobe / Shutter** | |
| | | | | 000-031 | Shutter Closed (LEDs OFF) | |
| | | | | 032-063 | Shutter OPEN (LEDS ON) | |
| | | | | 064-095 | Strobe effect slow to fast | |
| | | | | 096-127 | Shutter OPEN(LEDS ON) | |
| | | | | 128-159 | Pulse effect in sequences | |
| | | | | 160-191 | Shutter OPEN(LEDS ON) | |
| | | | | 192-223 | Random strobe effect slow to fast | |
| | | | | 224-255 | Shutter OPEN(LEDS ON) | |
| | 2 | | 3 | 000-255 | **Color macro function**, from dark to bright | |
| | | 3 | 4 | 000-255 | **Red dimming**, from dark to bright | |
| | | 4 | 5 | 000-255 | **Green dimming**, from dark to bright | |
| | | 5 | 6 | 000-255 | **Blue dimming**, from dark to bright | |
| | | 6 | 7 | 000-255 | **White dimming**, from dark to bright | |
| | 3 | 7 | 8 | 000-255 | **Main dimming** | LED Strip |
| | | 2 | 2 | | **Strobe / Shutter** | |
| | | | | 000-031 | Shutter Closed (LEDs OFF) | |
| | | | | 032-063 | Shutter OPEN (LEDS ON) | |
| | | | | 064-095 | Strobe effect slow to fast | |
| | | | | 096-127 | Shutter OPEN(LEDS ON) | |
| | | | | 128-159 | Pulse effect in sequences | |
| | | | | 160-191 | Shutter OPEN(LEDS ON) | |
| | | | | 192-223 | Random strobe effect slow to fast | |
| | | | | 224-255 | Shutter OPEN(LEDS ON) | |
| 2 | 4 | | 10 | 000-255 | **Color macro function** | |
| | 5 | | 11 | 000-255 | **Macro function auto-run** | |
| | 6 | | 12 | 000-255 | **Macro function auto-run speed**, Slow to Fast | |
| | | 9 | 13 | 000-255 | **Red 1 dimming**, from dark to bright | |
| | | 10 | 14 | 000-255 | **Green 1 dimming**, from dark to bright | |
| | | 11 | 15 | 000-255 | **Blue 1 dimming**, from dark to bright | |
| | | | 16 | 000-255 | **Red 2 dimming**, from dark to bright | |
| | | | 17 | 000-255 | **Green 2 dimming**, from dark to bright | |
| | | | 18 | 000-255 | **Blue 2 dimming**, from dark to bright | |
| | | | 19 | 000-255 | **Red 3 dimming**, from dark to bright | |
| | | | 20 | 000-255 | **Green 3 dimming**, from dark to bright | |
| | | | 21 | 000-255 | **Blue 3 dimming**, from dark to bright | |
| | | | 22 | 000-255 | **Red 4 dimming**, from dark to bright | |
| | | | 23 | 000-255 | **Green 4 dimming**, from dark to bright | |
| | | | 24 | 000-255 | **Blue 4 dimming**, from dark to bright | |
| | | | 25 | 000-255 | **Red 5 dimming**, from dark to bright | |
| | | | 26 | 000-255 | **Green 5 dimming**, from dark to bright | |
| | | | 27 | 000-255 | **Blue 5 dimming**, from dark to bright | |

# DMX TRAITS

| CHANNEL | | | | DMX VALUES | FUNCTION | |
|---|---|---|---|---|---|---|
| 3Ch | 6Ch | 13Ch | 38Ch | | | |
| | | | 28 | 000-255 | **Red 6 dimming**, from dark to bright | LED Strip |
| | | | 29 | 000-255 | **Green 6 dimming**, from dark to bright | |
| | | | 30 | 000-255 | **Blue6 dimming**, from dark to bright | |
| | | | 31 | 000-255 | **Red 7 dimming**, from dark to bright | |
| | | | 32 | 000-255 | **Green 7 dimming**, from dark to bright | |
| | | | 33 | 000-255 | **Blue 7 dimming**, from dark to bright | |
| | | | 34 | 000-255 | **Red 8 dimming**, from dark to bright | |
| | | | 35 | 000-255 | **Green 8 dimming**, from dark to bright | |
| | | | 36 | 000-255 | **Blue 8 dimming**, from dark to bright | |
| 1 | | 12 | 37 | | **Auto Run** | |
| | | | | 000-029 | **Empty**, No Function | |
| | | | | 030-054 | **Auto run 1**, Color fade-in and fade-out (3 colors: red, green, and blue**)** | |
| | | | | 055-079 | **Auto run 2**, Color fade-in and fade-out (7 colors: red, green, blue, cyan, magenta, yellow, and white | |
| | | | | 080-104 | **Auto run 3**, Color dimming | |
| | | | | 105-129 | **Auto run 4**, Red fade-in and fade-out | |
| | | | | 130-154 | **Auto run 5**, Green fade-in and fade-out | |
| | | | | 155-179 | **Auto run 6**, Blue fade-in and fade-out | |
| | | | | 180-204 | **Auto run 7**, White fade-in and fade-out | |
| | | | | 205-229 | **Auto run 8**, Color changes (3 colors: red, green, and blue) | |
| | | | | 230-255 | **Auto run 9**, Color changes (7 colors: red, green, blue, cyan, magenta, yellow, and white) | |
| 3 | | 13 | 38 | 000-255 | **Speed / Sound sensitivity**, Speed adjustment (when sound control is off) / Sound control sensitivity (when sound control is on) | |

# MULTI-UNIT POWER-LINKING

This feature allows multiple units to be linked together via their power in/out ports. The maximum number of units that can be linked in this manner is as follows:

- **8 units maximum at 120V**.

**DO NOT EXCEED THIS MAXIMUM NUMBER WHEN LINKING UNITS!**

**DO NOT MIS MAKE AND MODEL TYPES WHEN LINKING UNITS!** All units that are connected in this manner must be of the same make and model type!

# MAINTENANCE



**DISCONNECT POWER BEFORE PERFORMING ANY MAINTENANCE!**

**CLEANING**

Frequent cleaning is recommended to ensure proper function, optimized light output, and an extended life. The frequency of cleaning depends on the environment which the device operates in: damp, smoky or particularly dirty environments can cause greater accumulation of dirt on the fixture housing and/or light fixture optics. Clean the external surface and the front lens of the light at least every 20 days with a soft cloth to avoid dirt/debris accumulation
NEVER use alcohol, solvents, or ammonia-based cleaners.

**MAINTENANCE**

Regular inspections are recommended to ensure proper function and extended life. There are no user serviceable parts inside these devices, please refer all other service issues to Eliminator Lighting. Should you need any spare parts, please order genuine parts from Eliminator Lighting.
Please refer to the following points during routine inspections:

- A detailed review by an approved electrical engineer every three months, to make sure the circuit contacts are in good condition and prevent overheating.
- Be sure all screws and fasteners are securely tightened at all times. Loose screws may fall out during normal operation resulting in damage or injury as larger parts could fall.
- Check for any deformations on the light housing, lens, rigging hardware and rigging points (ceiling, suspension, trussing. etc.). Deformations could allow for dust to enter into the devices. Damaged rigging points or unsecured rigging could cause the devices to fall and seriously injure a person(s).
- Electric power supply cables must not show any damage, material fatigue or sediments.

**TROUBLESHOOTING**

**The light does not turn ON.**

1. Confirm the AC power cord from the light is not damaged or cut.
2. Check if circuit breaker that controls the AC outlet that the light is plugged into is not tripped.
3. Confirm the power connection is not loose.
4. If none of these solutions work, please contact Eliminator Lighting Customer Service.

**The unit is not responding to DMX.**

1. Check that the DMX cables are connected properly and are wired correctly.
2. Check that all cables are connected to the right connectors

# SPECIFICATIONS

**SOURCE:**
7 × 8W RGBW 4-in-1 Center LEDs
32 × RGB 3-in-1 Ring LEDs
50,000 Hour Average LED Life*
*May vary depending on several factors including but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control, and Dimming.

**PHOTOMETRIC DATA:**
Pure Color Output
Excellent Color Mixing
Smooth Wash Output

**COLOR:**
RGBW 4-in-1 Center LEDs
RGB 3-in-1 Outer Ring LEDs
White Balance Setting

**EFFECTS:**
Animated RGB Ring Effects
0–100% Linear Electronic Dimming
High-Speed Synchronous Strobe

**CONTROL / CONNECTIONS:**
4 DMX Channel Modes (3 / 6 / 13 / 38 Channels)
DMX512
Primary-Secondary Mode
Auto Run Mode
Sound Active Mode
Wireless Remote Control Included (Model: UCRF3)
4-digit, 7-segment LED Display
3-pin XLR DMX In/Out
IEC Power In/Out

**SIZE / WEIGHT:**
Length: 7.0” (179mm)
Width: 8.5” (215mm)
Height: 8.5” (216mm)
Weight: 1.76 lbs. (0.8kg)

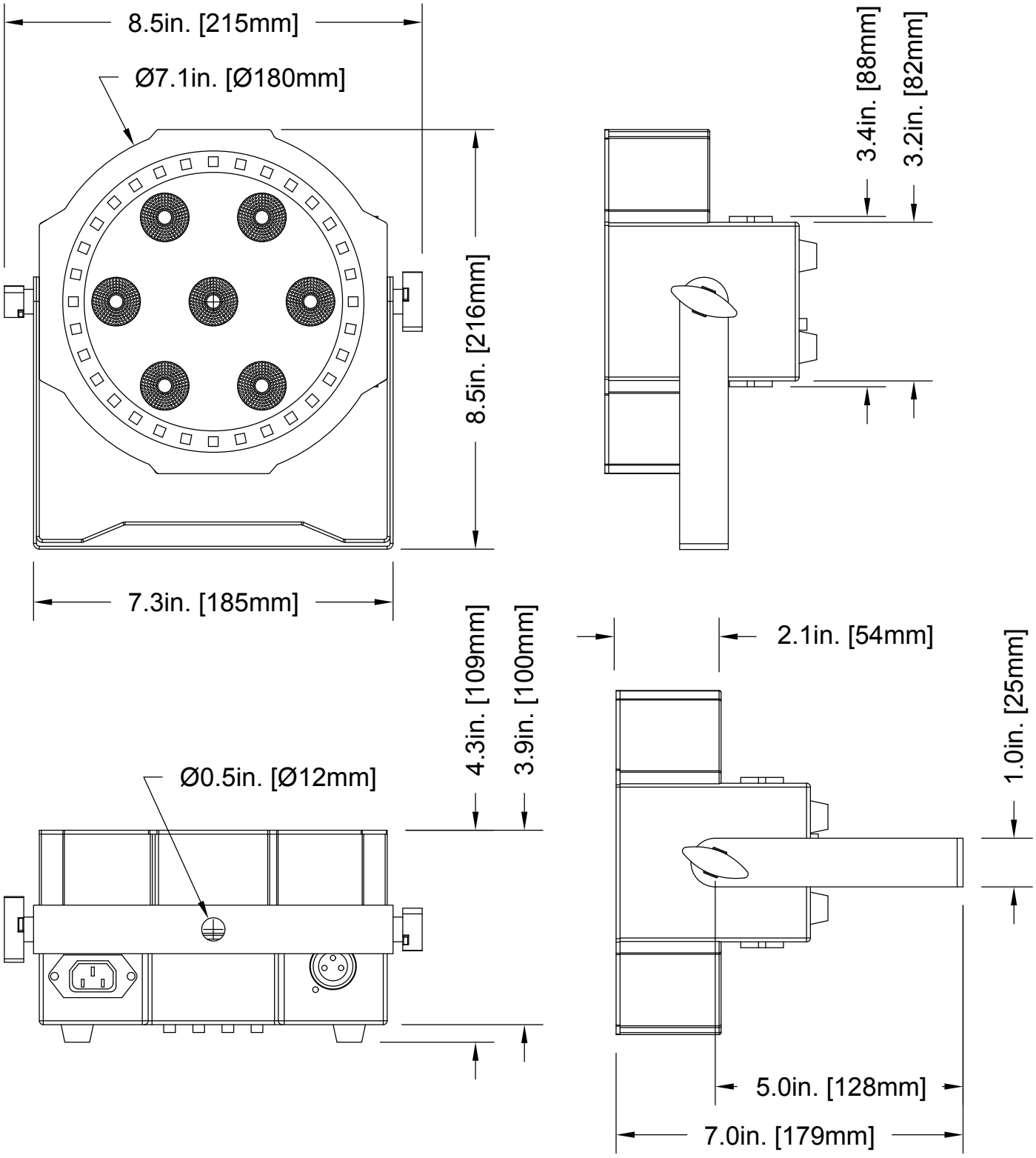
**ELECTRICAL / THERMAL:**
AC 100-240V, 50/60Hz
Max Power Consumption: 60W
Temperature Control Protection

**APPROVALS / RATINGS:**
IP20

**IP20**

Specifications are subject to change without notice.

# DIMENSIONAL DRAWINGS



# OPTIONAL ACCESSORIES

| ORDER CODE | | ITEM |
|---|---|---|
| US | EU | |
| HEX8080 | 1900000052 | LP 8R |
| TRIGGER CLAMP | N/A | Heavy Duty Wrap Around Hook Style Clamp |
| TOU027 | N/A | 5 ft. (1.5m) 5pin PRO DMX Cable |
| | | Additional Cable Lengths Available |

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