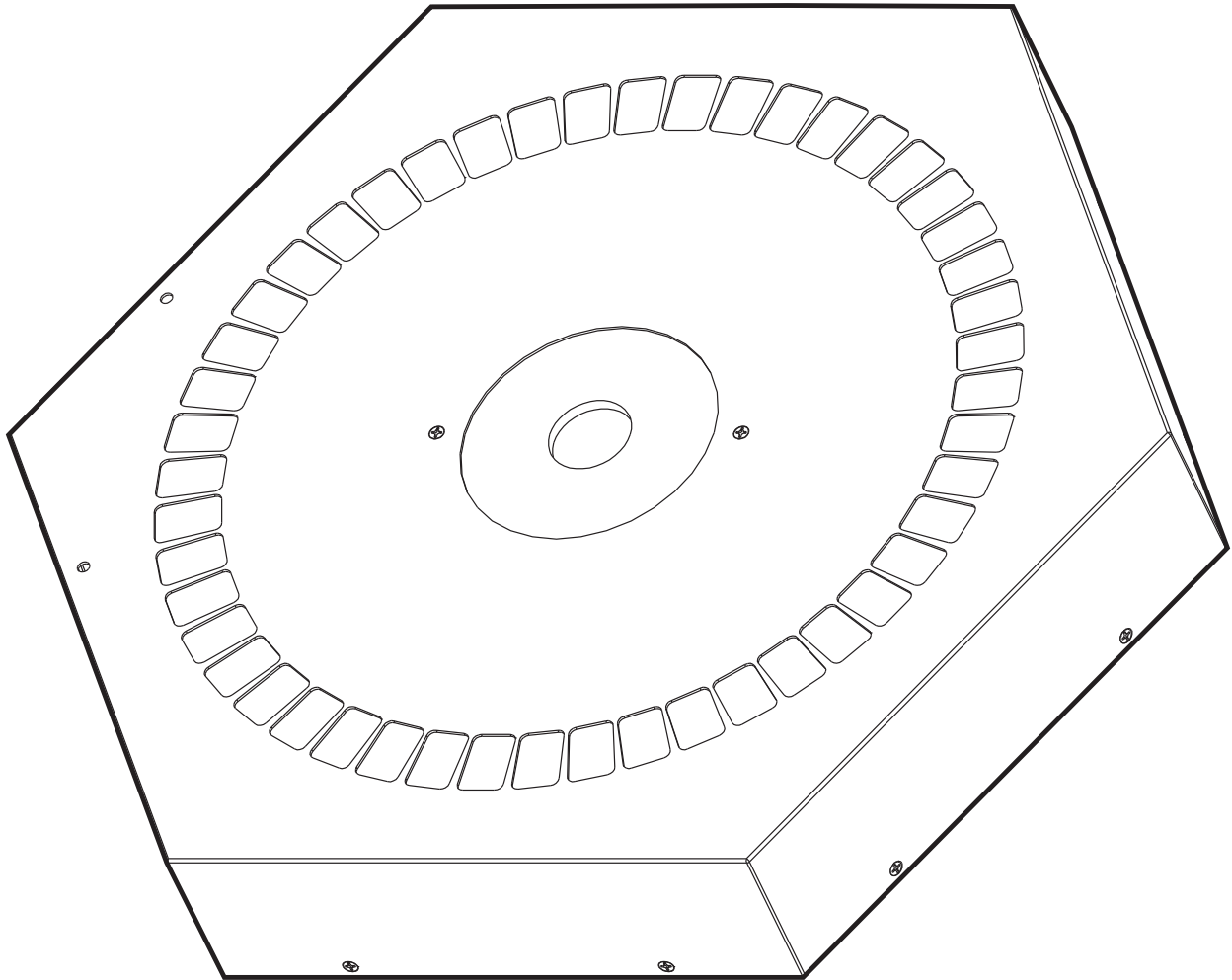


# ELIMINATOR<sup>®</sup>

LIGHTING



## **FANTASY FX**

User Manual

©2025 **Eliminator Lighting** all rights reserved. Information, specifications, diagrams, images, and instructions herein are subject to change without notice. Eliminator logo and identifying product names and numbers herein are trademarks of Eliminator Lighting. Copyright protection claimed includes all forms and matters of copyrightable materials and information now allowed by statutory or judicial law or hereinafter granted. Product names used in this document may be trademarks or registered trademarks of their respective companies and are hereby acknowledged. All non-Eliminator brands and product names are trademarks or registered trademarks of their respective companies.

**Eliminator Lighting** and all affiliated companies hereby disclaim any and all liabilities for property, equipment, building, and electrical damages, injuries to any persons, and direct or indirect economic loss associated with the use or reliance of any information contained within this document, and/or as a result of the improper, unsafe, insufficient and negligent assembly, installation, rigging, and operation of this product.

### **Eliminator Lighting**

6122 S. Eastern Ave. Los Angeles, CA. 90040

323-582-2650 | Fax 323-532-2941 | [www.adj.com](http://www.adj.com) | [info@adj.com](mailto:info@adj.com)

### **ADJ SUPPLY Europe B.V**

Junostraat 2 6468 EW Kerkrade, The Netherlands

+31 (0)45 546 85 00 | Fax +31 45 546 85 99

[www.adj.eu](http://www.adj.eu) | [info@adj.eu](mailto:info@adj.eu)

### **ADJ PRODUCTS GROUP Mexico**

AV Santa Ana 30 Parque Industrial Lerma, Lerma, Mexico 52000

+52 (728) 282-7070

### **DOCUMENT VERSION**



Due to additional product features and/or enhancements, an updated version of this document may be available online.

Please check [www.adj.com](http://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
07/29/25	1.0	1.0	7 / 16 / 152 Ch	Initial Release
09/30/25	1.1	N/C	No Change	Updated Installation, Dimensional Drawings

# CONTENTS

<b>Introduction</b>	<b>4</b>
<b>Warranty Registration   Features</b>	<b>5</b>
<b>Safety Guidelines</b>	<b>6</b>
<b>Overview</b>	<b>7</b>
<b>Installation</b>	<b>8</b>
<b>Control Panel</b>	<b>13</b>
<b>System Menu</b>	<b>14</b>
<b>DMX Setup</b>	<b>15</b>
<b>DMX Traits</b>	<b>18</b>
<b>Color Macros Chart</b>	<b>25</b>
<b>Primary-Secondary Mode   Multi Unit Power Linking</b>	<b>26</b>
<b>Fuse Replacement   Cleaning</b>	<b>27</b>
<b>Error Codes</b>	<b>28</b>
<b>Specifications</b>	<b>29</b>
<b>Dimensional Drawings</b>	<b>30</b>
<b>FCC Statement</b>	<b>31</b>

# INTRODUCTION

## UNPACKING

Thank you for purchasing the Fantasy FX by Eliminator Lighting. Every unit 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 appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit have arrived intact. In the event that damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Do not return this unit to your dealer without first contacting customer support.

## INTRODUCTION

The Eliminator Lighting Fantasy FX is a versatile dual-effect fixture combining a 40W RGBW center beam with a circular halo of 288 RGB SMD LEDs. Compact and lightweight, it features 128 programs, DMX control, 0–100% dimming, and up to 20 strobe flashes per second—perfect for DJs, nightclubs, and fun centers. To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit for future reference.

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

**Voice: 800-322-6337 | [support@adj.com](mailto:support@adj.com)**

## 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/warranty-information>**



**EU: [https://www.adj.eu/terms\\_and\\_conditions](https://www.adj.eu/terms_and_conditions)**

**Warning!** To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

**Caution!** There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, as doing so will void your manufacturer's warranty. In the event that your unit requires service, please contact Eliminator Lighting for assistance.

***PLEASE recycle the shipping carton when ever possible.***

# WARRANTY REGISTRATION

This device carries a 2 year limited warranty. Please fill out the enclosed warranty card to validate your purchase. All returned service items, whether under warranty or not, must be freight pre-paid and accompanied by a return authorization (R.A.) number. The R.A. number must be clearly written on the outside of the return package. A brief description of the problem as well as the R.A. number must also be written down on a piece of paper included in the shipping carton. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. You may obtain an R.A. number by contacting our customer support team on our customer support number. All packages returned to the service department not displaying an R.A. number on the outside of the package will be returned to the shipper.

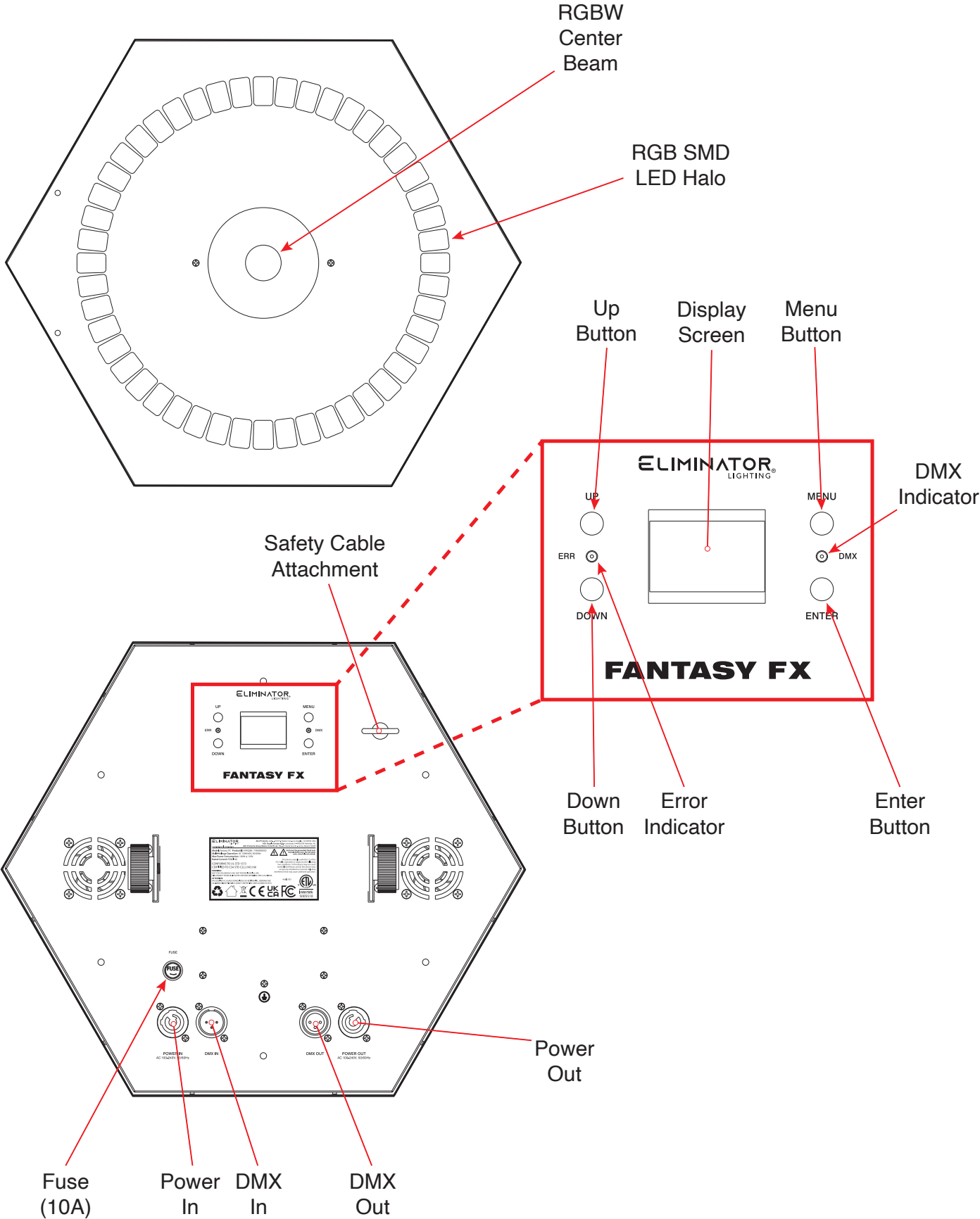
## FEATURES

- 40W RGBW Center Beam
- Circular Halo of 288 RGB SMD LEDs
- 128 Programs
- DMX Control, Primary/Secondary, and Sound Active Modes
- LCD Display
- 0-100% Dimming
- Up to 20 Strobe Flashes per Second
- Convection Cooling for Quiet Operation
- Locking Power In/Out Connectors

# SAFETY GUIDELINES

- To reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
- Do not spill water or other liquids into or on to your unit.
- Do not attempt to operate this unit if the power cord has been frayed or broken.
- Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover for any reason. There are no user serviceable parts inside.
- Never operate this unit with the cover removed.
- Never plug this unit in to a dimmer pack.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit if it has been damaged in any way.
- This unit is intended for indoor use only, and use of this product outdoors voids all warranties.
- During long periods of non-use, disconnect the unit from main power.
- Always mount this unit in safe and stable matter.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point at which they exit from the unit.
- Cleaning - The fixture should be cleaned only as recommended by the manufacturer. See the **Cleaning** section of this manual for details.
- Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The fixture should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug has been damaged.
  - B. Objects have fallen onto, or liquid has been spilled into, the appliance.
  - C. The appliance has been exposed to rain or water.
  - D. The appliance does not appear to operate normally or exhibits a marked change in performance.

# OVERVIEW



# INSTALLATION



**MINIMUM SAFE DISTANCE TO FLAMMABLE MATERIALS IS 3.3 FEET (1 METER)**  
**MINIMUM DISTANCE TO ILLUMINATED OBJECTS IS 3.3 FEET (1 METER)**



**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.

When installing the unit, the trussing or area of installation must be able to hold 10 times the weight of the unit and any attached accessories without any deformation. The unit must be secured with a secondary safety attachment, e.g. an appropriately-rated safety cable.

Before rigging/mounting a single fixture 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.

Maximum ambient operating temperature is **-4°F to 104°F (-20°C to 40°C)**.

Fixture(s) should be installed away from walking paths, seating areas, or areas where 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 that can hold 10 times the weight of the fixture.

Overhead mounting requires extensive experience, including calculating working load limits, knowledge of installation material being used, and periodic safety inspection of all installation material as well as the unit itself. If you lack these qualifications, do not attempt the installation yourself.

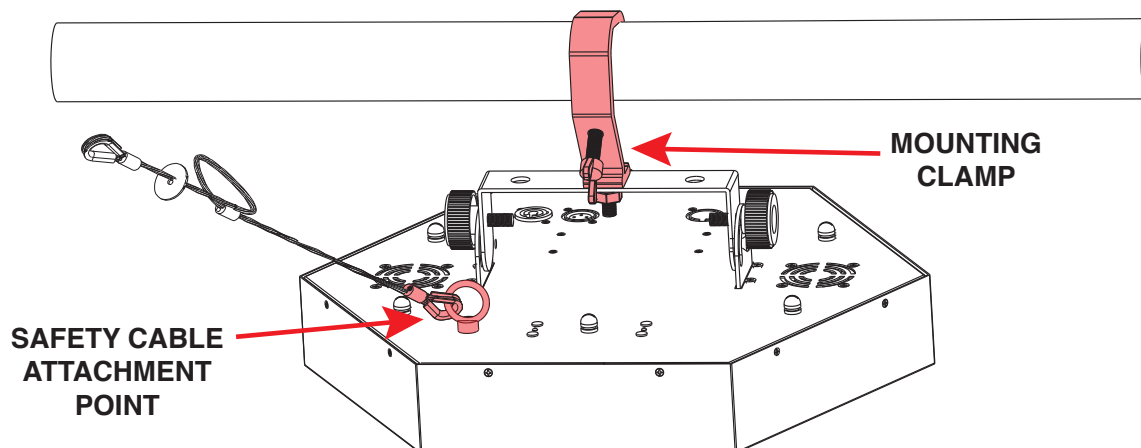
The installation should be checked by a skilled person once a year.



# INSTALLATION

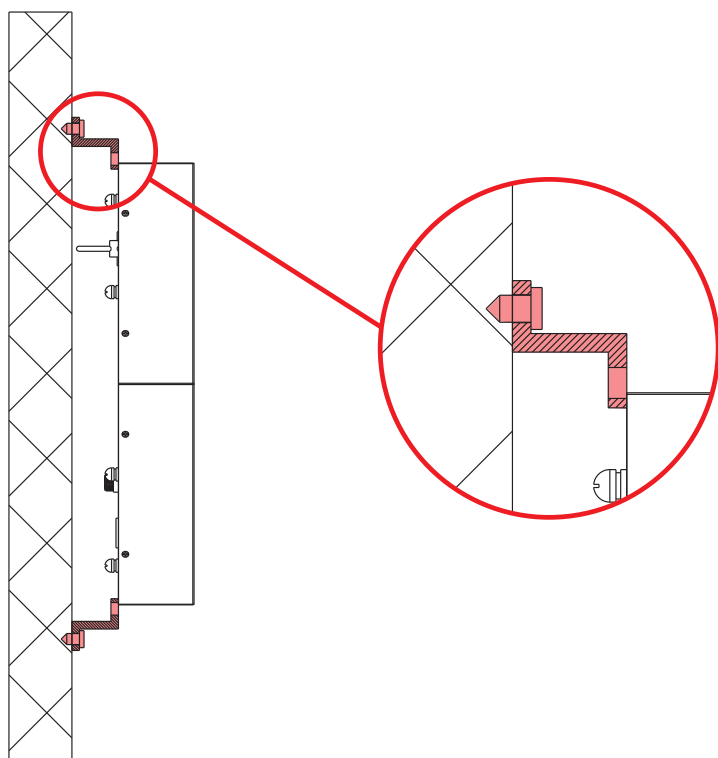
## CLAMP MOUNTING

This fixture features a hole on the top of the bracket for the installation of a mounting clamp. To truss mount this unit, align the hole in the bottom of the clamp with the hole on the fixture's bracket, then insert a nut of the appropriate size through both the clamp and the bracket and secure in place with a matching nut. Attach a safety cable of the appropriate rating to the attachment point on the rear of the fixture, near the control panel.



## WALL MOUNTING

This fixture can be mounted to a wall using Z-brackets. Attach one side of the bracket to one of the mounting holes located on the rear face of the fixture, making sure that the brackets are oriented with the unattached side pointing outwards. Align the fixture in the desired position on the wall, and secure to the wall by inserting mounting hardware of the proper size and weight rating through the other end of each bracket. Please note that multiple brackets are required to secure each fixture.

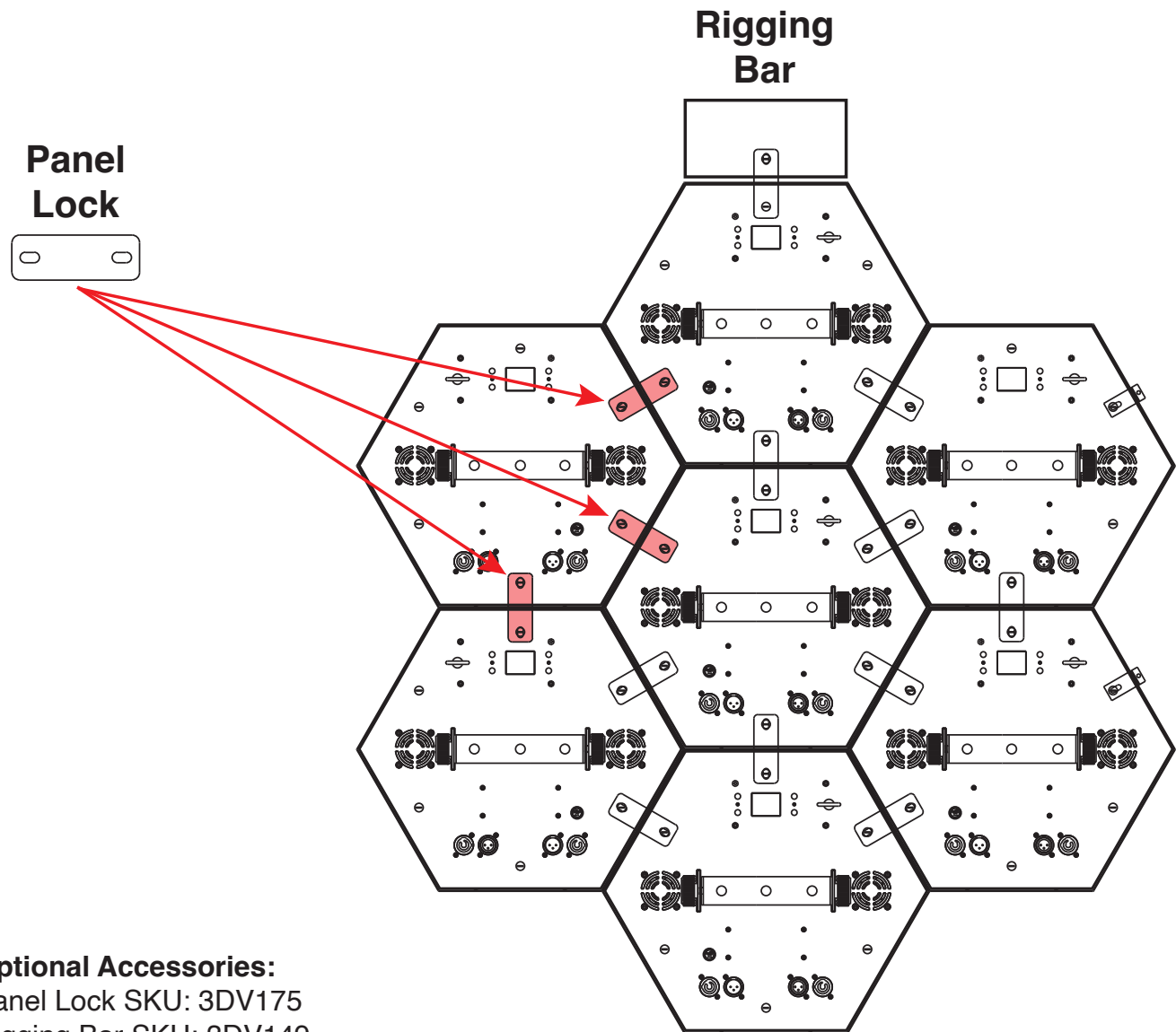


**SAFETY CABLE:  
ALWAYS ATTACH A SAFETY  
CABLE WHENEVER INSTALLING  
THIS FIXTURE IN A SUSPENDED  
ENVIRONMENT TO ENSURE THAT  
THE FIXTURE WILL NOT FALL IF THE  
CLAMP FAILS.**

# INSTALLATION

## MULTIPLE FIXTURES

Multiple fixtures can be linked together to form a larger array using optional panel locks and rigging bars, available for purchase from your local Eliminator Lighting dealer. With these accessories, the panels can be arranged in a honeycomb pattern, as shown below. The units are connected by attaching the panel locks to the metal nipples of the adjacent fixtures. **A maximum of eight Fantasy FX units can be joined together and suspended from a single rigging bar.**



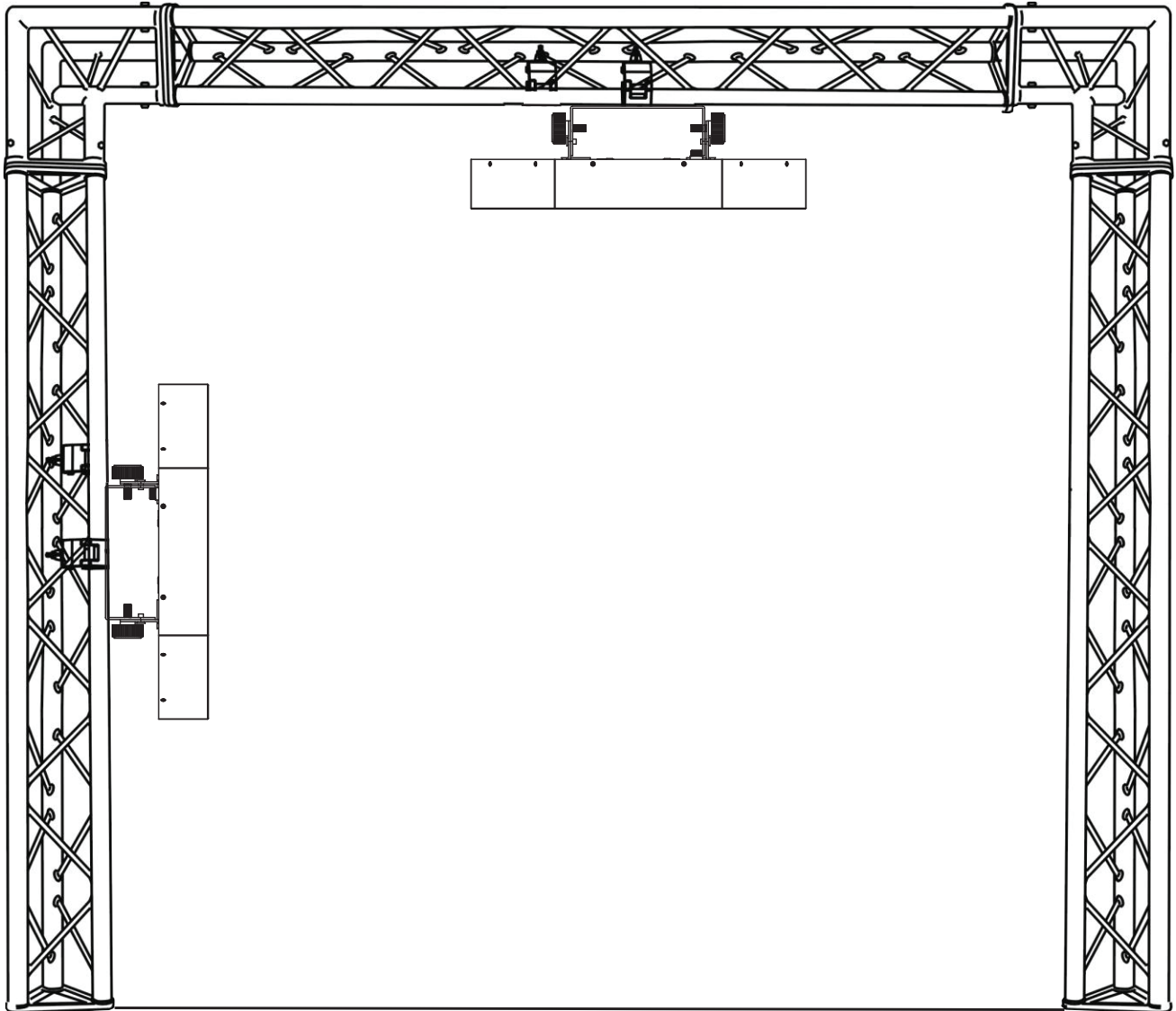
### Optional Accessories:

Panel Lock SKU: 3DV175

Rigging Bar SKU: 3DV149

# INSTALLATION

The unit is fully operational in three different mounting positions: hanging upside-down from the ceiling or trussing, or sideways on trussing. Be sure this fixture is kept at least 1m (3.3 ft) away from any flammable materials (decorations, etc). Always use and install a safety cable (not included) 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 THAT THE FIXTURE WILL NOT FALL IF THE CLAMP FAILS.**

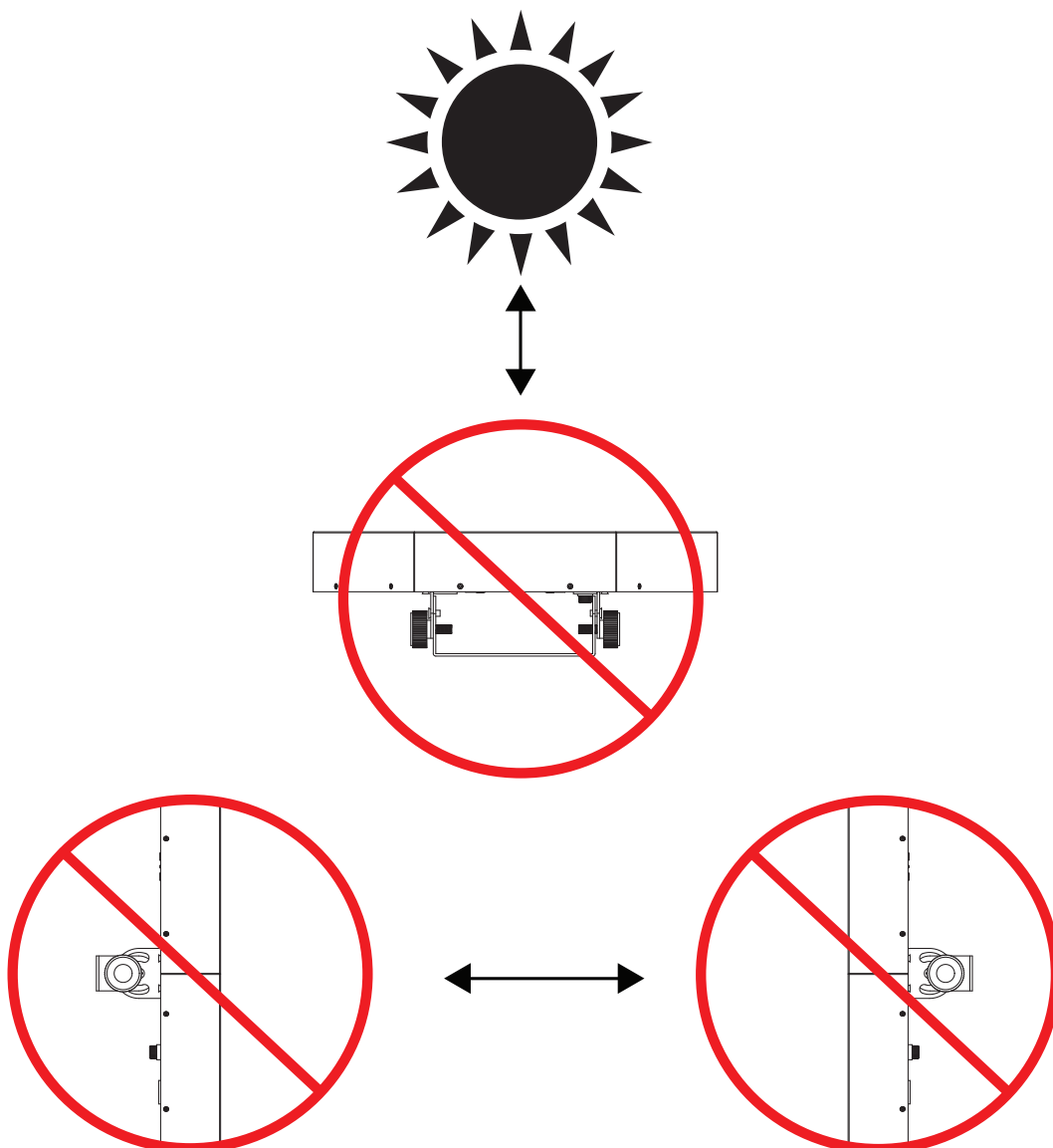
# INSTALLATION

## 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.

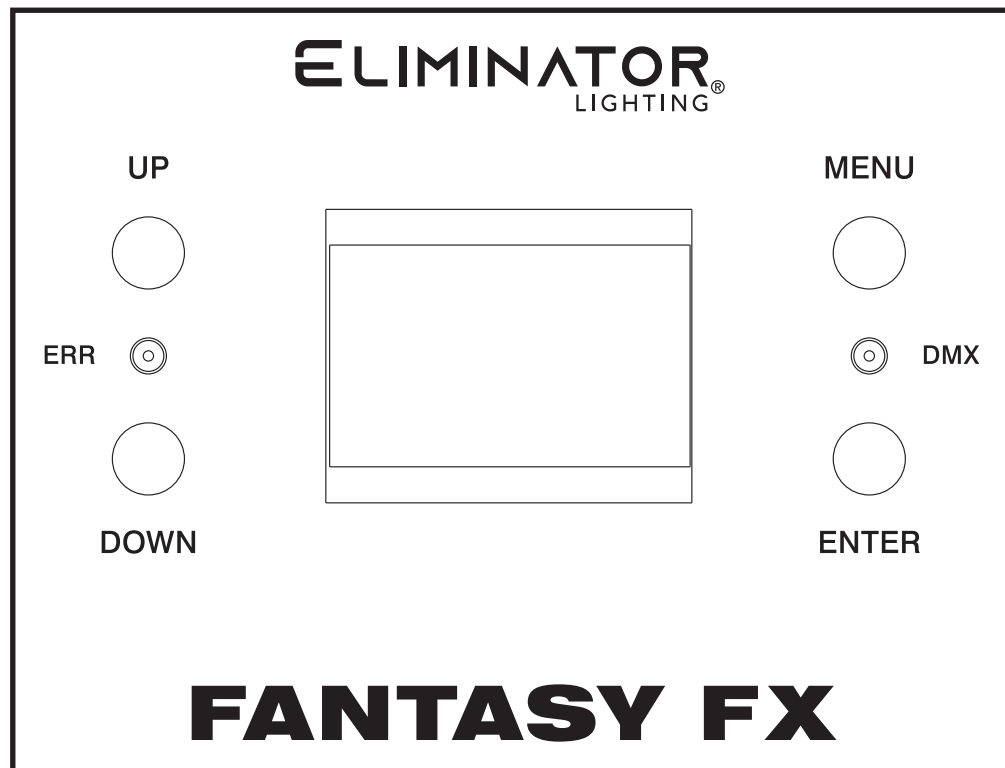
**DO NOT EXPOSE THE FIXTURE AND/OR FRONT LENS OPENING TO LIGHT BEAMS FROM DIRECT SUNLIGHT, OTHER LIGHTING OR MOVING HEAD FIXTURES, AND LASERS DURING UNPACKING, INSTALLATION, USE, AND EXTENDED IDLE TIMES OUTDOORS. DO NOT FOCUS A LIGHT BEAM FROM ONE LIGHTING FIXTURE DIRECTLY TOWARDS ANOTHER.**



# CONTROL PANEL

This fixture features a display screen with a 4-button control pad, which can be used to easily adjust any device settings.

Pressing the MENU button will cycle through the various Main Menu options. When the desired Main Menu option is displayed on the screen, press the ENTER button to enter the sub-menu, then use the UP and DOWN buttons to scroll through sub-menu options. In some cases, there will be a second sub-menu that can be navigated in the same way.



# SYSTEM MENU

MAIN MENU	OPTIONS / VALUES (Default Settings in <b>BOLD</b> )	
<b>DMX Settings</b>	Address Code	<b>1</b> - 512
	Channel	7ch
		<b>16ch</b>
		152ch
	No DMX Status	<b>Hold Last</b>
		Manual Settings
		Internal Programs
<b>Manual Control</b>	Red Main	000 - 255
	Green Main	000 - 255
	Blue Main	000 - 255
	White Main	000 - 255
	Red BG	000 - 255
	Green BG	000 - 255
	Blue BG	000 - 255
	Shutter	000 - 255
	Dimmer	000 - 255
<b>Internal Programs</b>	Program	000 - 255
	Speed	000 - 255
	Fade	000 - 255
	Sound	On / <b>Off</b>
	Sound Sensitivity	000 - 255
<b>System Info</b>	Fixture Life Time	xxxx hours
	Display Invert	On / <b>Off</b>
	Display Lock	<b>On</b> / Off
	Software Version	x.x
	Factory Restore	<b>No</b> / Yes

# 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).

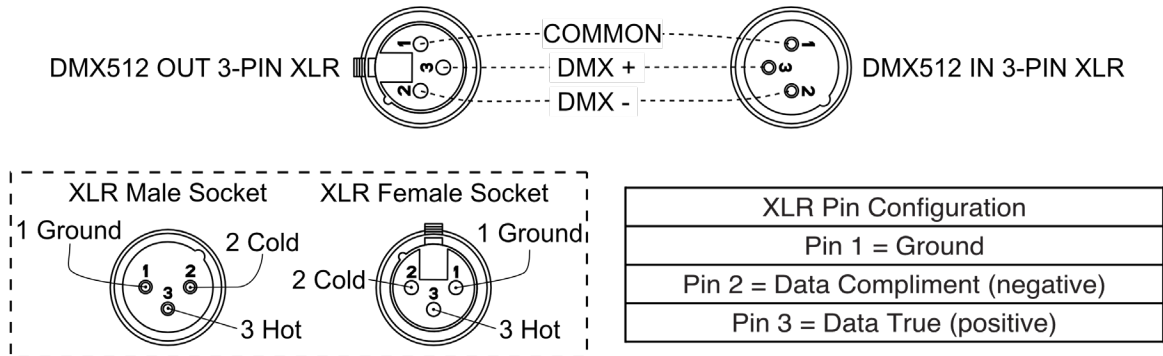
**DMX Linking:** DMX is a language allowing all makes and models of different manufacturers to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. To ensure proper DMX data transmission, try to use the shortest cable path possible when 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.

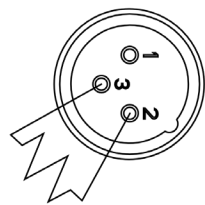


# DMX SETUP

**Notice:** Be sure to the figures below when making your own cables. Do not use the ground lug on the XLR connector. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing. Grounding the shield could cause a short circuit and erratic behavior.

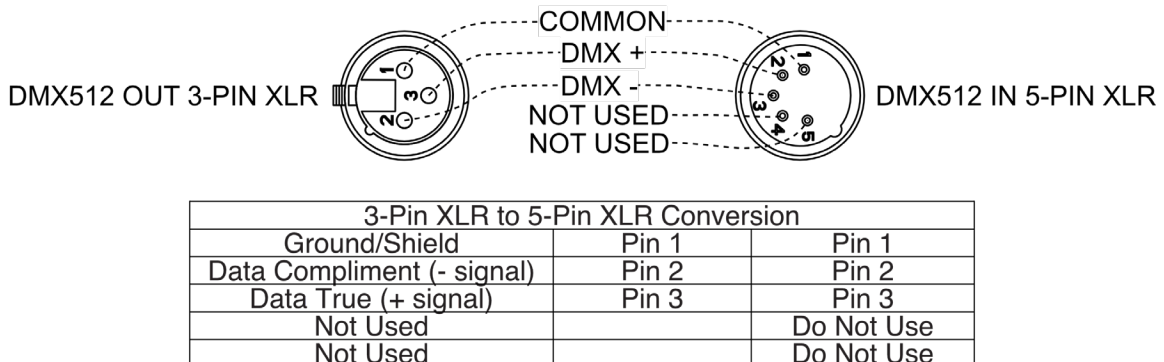


**Special Note: Line Termination.** When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behavior. A terminator is a 110-120 ohm 1/4 watt resistor which is connected between pins 2 and 3 of a male XLR connector (DATA + and DATA -). This unit is inserted 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.





# 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 7 Channel mode, you should set the starting DMX address of the first unit to 1, the second unit to 8 (1 + 7), the third unit to 15 (1 + 7 + 7), etc...

Channel Mode	Unit 1 Address	Unit 2 Address	Unit 3 Address	Unit 4 Address
7Ch	1	8	15	22
16Ch	1	17	33	49
152Ch	1	153	305	457

# DMX TRAITS

Features subject to change without notice				
MODE/CHANNELS			VALUES	FUNCTION
7ch	16ch	152ch		
1	1	1		<b>Main Red</b>
			000 - 255	0% - 100%
2	2	2		<b>Main Green</b>
			000 - 255	0% - 100%
3	3	3		<b>Main Blue</b>
			000 - 255	0% - 100%
4	4	4		<b>Main White</b>
			000 - 255	0% - 100%
	5	5		<b>Main Shutter</b>
			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)
	6	6		<b>Main Dimmer</b>
			000 - 255	0% - 100%
5	7			<b>Background Red All</b>
			000 - 255	0% - 100%
6	8			<b>Background Green All</b>
			000 - 255	0% - 100%
7	9			<b>Background Blue All</b>
			000 - 255	0% - 100%
		7		<b>Background 1 Red</b>
			000 - 255	0% - 100%
		8		<b>Background 1 Green</b>
			000 - 255	0% - 100%
		9		<b>Background 1 Blue</b>
			000 - 255	0% - 100%
...	...	...	...	...
		148		<b>Background 48 Red</b>
			000 - 255	0% - 100%
		149		<b>Background 48 Green</b>
			000 - 255	0% - 100%

# DMX TRAITS

Features subject to change without notice				
MODE/CHANNELS			VALUES	FUNCTION
7ch	16ch	152ch		
		150		<b>Background 48 Blue</b>
			000 - 255	0% - 100%
	10	151		<b>Background Shutter</b>
			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)
	11	152		<b>Background Dimmer</b>
			000 - 255	0% - 100%
	12			<b>64 Color Macros</b>
			000 - 255	See Color Macros Chart
	13			<b>Inner Programs</b>
			000 - 005	Program 0
			006 - 010	Program 1
			011 - 015	Program 2
			016 - 021	Program 3
			022 - 026	Program 4
			027 - 031	Program 5
			032 - 037	Program 6
			038 - 042	Program 7
			043 - 047	Program 8
			048 - 053	Program 9
			054 - 058	Program 10
			059 - 063	Program 11
			064 - 069	Program 12
			070 - 074	Program 13
			075 - 079	Program 14
			080 - 085	Program 15
			086 - 090	Program 16
			091 - 095	Program 17
			096 - 101	Program 18
			102 - 106	Program 19

# DMX TRAITS

Features subject to change without notice				
MODE/CHANNELS			VALUES	FUNCTION
7ch	16ch	152ch		
	13			Inner Programs (continued)
			107 - 111	Program 20
			112 - 117	Program 21
			118 - 122	Program 22
			123 - 127	Program 23
			128 - 132	Program 24
			133 - 138	Program 25
			139 - 143	Program 26
			144 - 148	Program 27
			149 - 154	Program 28
			155 - 159	Program 29
			160 - 164	Program 30
			165 - 170	Program 31
			171 - 175	Program 32
			176 - 180	Program 33
			181 - 186	Program 34
			187 - 191	Program 35
			192 - 196	Program 36
			197 - 202	Program 37
			203 - 207	Program 38
			208 - 212	Program 39
			213 - 218	Program 40
			219 - 223	Program 41
			224 - 228	Program 42
			229 - 234	Program 43
			235 - 239	Program 44
			240 - 244	Program 45
			245 - 250	Program 46
251 - 255	Program 47			
	14			Inner Program Speed
			000 - 255	Slow to Fast

# DMX TRAITS

Features subject to change without notice				
MODE/CHANNELS			VALUES	FUNCTION
7ch	16ch	152ch		
	15			<b>Outer Programs</b>
			000 - 002	Program 0
			003 - 004	Program 1
			005 - 006	Program 2
			007 - 008	Program 3
			009 - 010	Program 4
			011 - 013	Program 5
			014 - 015	Program 6
			016 - 017	Program 7
			018 - 019	Program 8
			020 - 021	Program 9
			022 - 024	Program 10
			025 - 026	Program 11
			027 - 028	Program 12
			029 - 030	Program 13
			031 - 032	Program 14
			033 - 035	Program 15
			036 - 037	Program 16
			038 - 039	Program 17
			040 - 041	Program 18
			042 - 043	Program 19
			044 - 045	Program 20
			046 - 048	Program 21
			049 - 050	Program 22
			051 - 052	Program 23
			053 - 054	Program 24
			055 - 056	Program 25
			057 - 059	Program 26
			060 - 061	Program 27
			062 - 063	Program 28
			064 - 065	Program 29
			066 - 067	Program 30
			068 - 070	Program 31
			071 - 072	Program 32
			073 - 074	Program 33
			075 - 076	Program 34

# DMX TRAITS

Features subject to change without notice				
MODE/CHANNELS			VALUES	FUNCTION
7ch	16ch	152ch		
	15			<b>Outer Programs (continued)</b>
			077 - 078	Program 35
			079 - 081	Program 36
			082 - 083	Program 37
			084 - 085	Program 38
			086 - 087	Program 39
			088 - 089	Program 40
			090 - 091	Program 41
			092 - 094	Program 42
			095 - 096	Program 43
			097 - 098	Program 44
			099 - 100	Program 45
			101 - 102	Program 46
			103 - 105	Program 47
			106 - 107	Program 48
			108 - 109	Program 49
			110 - 111	Program 50
			112 - 113	Program 51
			114 - 116	Program 52
			117 - 118	Program 53
			119 - 120	Program 54
			121 - 122	Program 55
			123 - 124	Program 56
			125 - 127	Program 57
			128 - 129	Program 58
			130 - 131	Program 59
			132 - 133	Program 60
			134 - 135	Program 61
			136 - 137	Program 62
			138 - 140	Program 63
			141 - 142	Program 64
			143 - 144	Program 65
			145 - 146	Program 66
			147 - 148	Program 67
			149 - 151	Program 68
			152 - 153	Program 69

# DMX TRAITS

Features subject to change without notice				
MODE/CHANNELS			VALUES	FUNCTION
7ch	16ch	152ch		
	15			<b>Outer Functions (continued)</b>
			154 - 155	Program 70
			156 - 157	Program 71
			158 - 159	Program 72
			160 - 162	Program 73
			163 - 164	Program 74
			165 - 166	Program 75
			167 - 168	Program 76
			169 - 170	Program 77
			171 - 173	Program 78
			174 - 175	Program 79
			176 - 177	Program 80
			178 - 179	Program 81
			180 - 181	Program 82
			182 - 183	Program 83
			184 - 186	Program 84
			187 - 188	Program 85
			189 - 190	Program 86
			191 - 192	Program 87
			193 - 194	Program 88
			195 - 197	Program 89
			198 - 199	Program 90
			200 - 201	Program 91
			202 - 203	Program 92
			204 - 205	Program 93
			206 - 208	Program 94
			209 - 210	Program 95
			211 - 212	Program 96
			213 - 214	Program 97
			215 - 216	Program 98
			217 - 218	Program 99
			219 - 221	Program 100
			222 - 223	Program 101
			224 - 225	Program 102
			226 - 227	Program 103
			228 - 229	Program 104

# DMX TRAITS

Features subject to change without notice				
MODE/CHANNELS			VALUES	FUNCTION
7ch	16ch	152ch		
	15			<b>Outer Functions (continued)</b>
			230 - 232	Program 105
			233 - 234	Program 106
			235 - 236	Program 107
			237 - 238	Program 108
			239 - 240	Program 109
			241 - 243	Program 110
			244 - 245	Program 111
			246 - 247	Program 112
			248 - 249	Program 113
			250 - 251	Program 114
			252 - 254	Program 115
			255	Program 116
	16			<b>Outer Program Speed</b>
			000 - 255	Slow to Fast



# COLOR MACROS CHART

Color Macro	DMX Values	Red	Green	Blue
Off	000 - 000	0	0	0
1	001 - 004	80	255	234
2	005 - 008	80	255	164
3	009 - 012	77	255	112
4	013 - 016	117	255	83
5	017 - 020	160	255	77
6	021 - 024	223	255	83
7	025 - 028	255	243	77
8	029 - 032	255	200	74
9	033 - 036	255	166	77
10	037 - 040	255	125	74
11	041 - 044	255	97	77
12	045 - 048	255	71	77
13	049 - 052	255	83	134
14	053 - 056	255	93	182
15	057 - 060	255	96	236
16	061 - 064	238	93	255
17	065 - 068	196	87	255
18	069 - 072	150	90	255
19	073 - 076	100	77	255
20	077 - 080	77	100	255
21	081 - 084	67	148	255
22	085 - 088	77	195	255
23	089 - 092	77	234	255
24	093 - 096	158	255	144
25	097 - 100	255	251	153
26	101 - 104	255	175	147
27	105 - 108	255	138	186
28	109 - 112	255	147	251
29	113 - 116	151	138	255
30	117 - 120	99	0	255
31	121 - 124	138	169	255
32	125 - 128	61	4	167

Color Macro	DMX Values	Red	Green	Blue
33	129 - 132	255	206	143
34	133 - 136	254	177	153
35	137 - 140	254	192	138
36	141 - 144	254	165	98
37	145 - 148	254	121	0
38	149 - 152	176	17	0
39	153 - 156	96	0	11
40	157 - 160	234	139	171
41	161 - 164	224	5	97
42	165 - 168	175	77	173
43	169 - 172	119	130	199
44	173 - 176	147	164	212
45	177 - 180	88	2	163
46	181 - 184	0	38	86
47	185 - 188	0	142	208
48	189 - 192	52	148	209
49	193 - 196	1	134	201
50	197 - 200	0	145	212
51	201 - 204	0	121	192
52	205 - 208	0	129	184
53	209 - 212	0	83	115
54	213 - 216	0	97	166
55	217 - 220	1	100	167
56	221 - 224	0	40	86
57	225 - 228	209	219	182
58	229 - 232	42	165	85
59	233 - 236	0	46	35
60	237 - 240	8	107	222
61	241 - 244	255	0	0
62	245 - 248	0	255	0
63	249 - 252	0	0	255
64	253 - 255	255	255	255

# PRIMARY-SECONDARY MODE

This function will allow you to link units together to run in a Primary-Secondary set-up, in which one unit will act as the controlling unit, and the others will react to the controlling unit's built-in programs. Any unit can act as a Primary or a Secondary, but only one unit in a given system can be programmed to act as the Primary.

## ***Connections and Settings:***

1. Daisy chain your units via the XLR connectors on the rear panel of each 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 (primary) will use the female XLR connector only, and the last unit in the chain will use the male XLR connector only.
2. Designate one of the fixtures as the primary unit by setting the fixture to the "Internal Programs" mode in the main system menu.
3. Designate all other linked fixtures as secondary units by setting these fixtures to the "DMX Settings" mode in the main system menu. Remember that only one unit in a given system may be defined as the primary, and all others must be designated as secondaries.
4. Return to your primary unit, and configure the unit as desired. The secondary unit(s) will now follow the programming of the primary unit.

# MULTI UNIT POWER LINKING

This feature allows you to connect the fixtures to one another using the power cable input and output sockets.

**The maximum number of units that can be linked in this manner is as follows:**

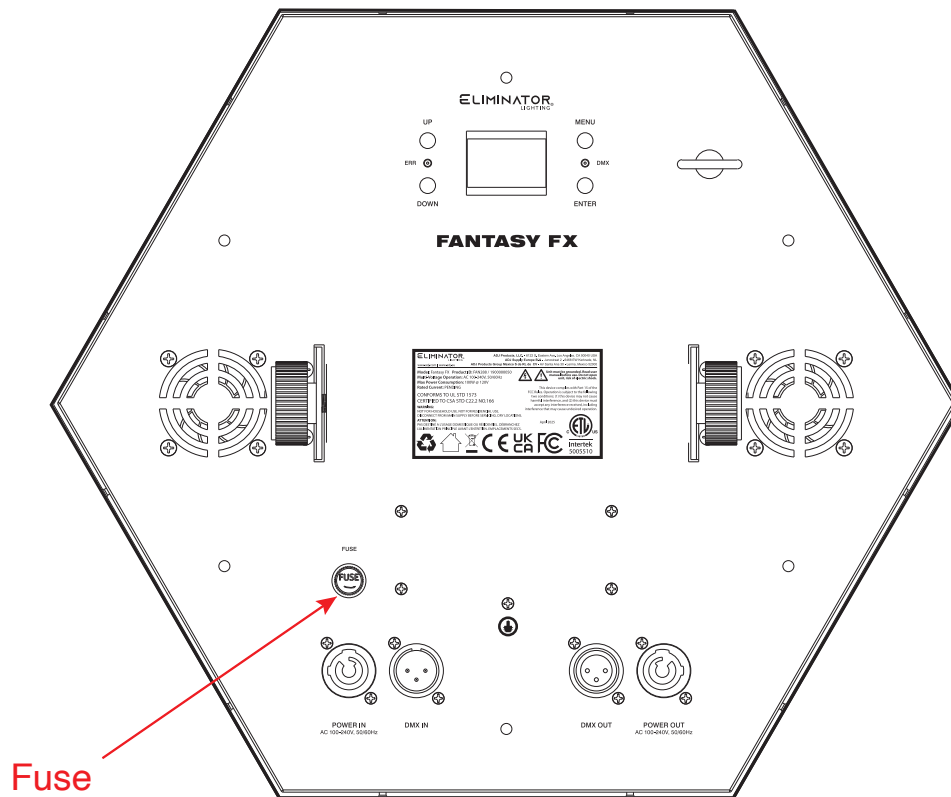
- 7 units @ 110V power
- 15 units @ 265V power

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

All linked units must be of the same make and model type. Do not mix and match units!

# FUSE REPLACEMENT

Disconnect the unit from its power source, and remove the power cord from the unit. The fuse is located on the underside of the unit, as shown in the illustration below. Remove the bad fuse and replace with a new one. **Replace only with a new fuse of the same 10A rating!**



# CLEANING

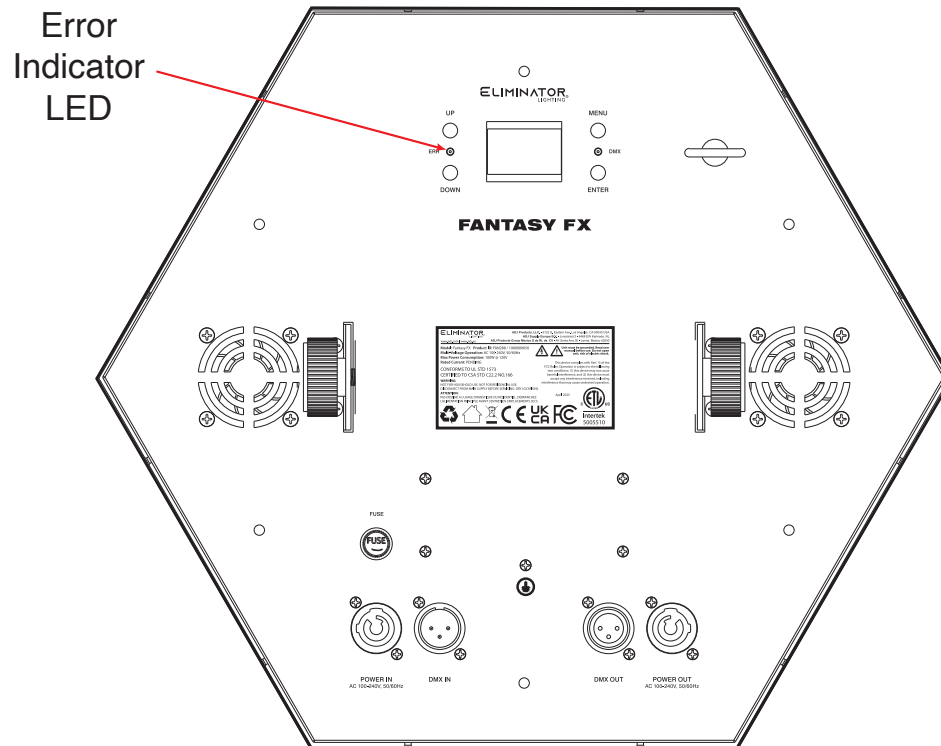
Due to fog residue, smoke, and dust, cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

- Periodically use normal glass cleaner and a soft cloth to wipe down the outside casing and external optics.
- Always be sure to dry all parts completely before plugging the unit back in.

Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew).

# ERROR CODES

This fixture features an error indicator LED, which is located to the left of the display screen, as shown in the image below.



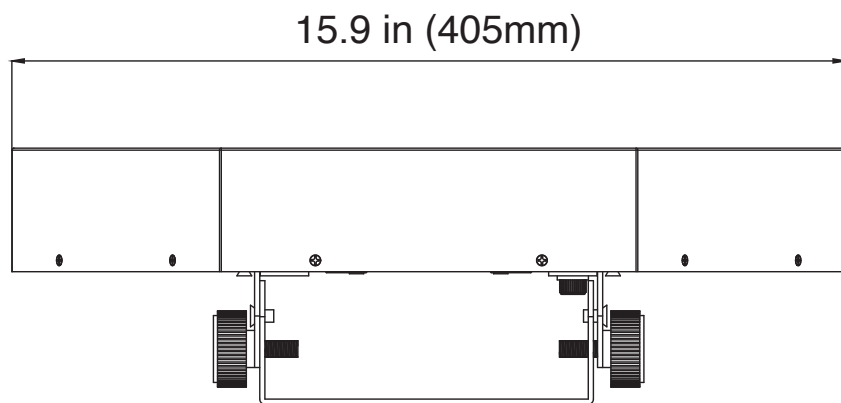
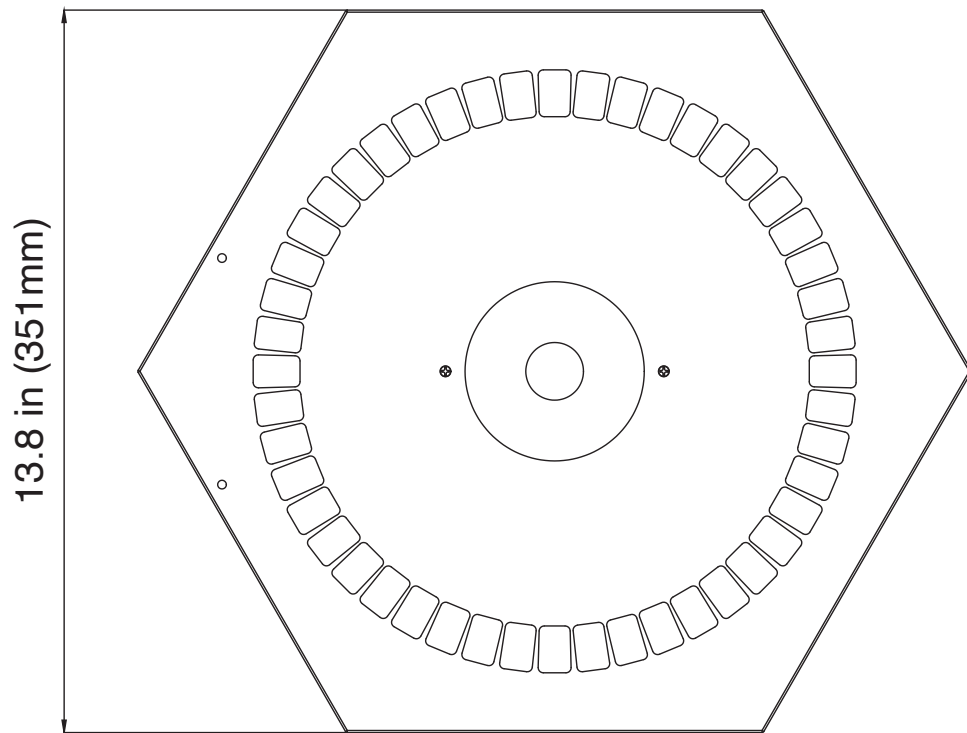
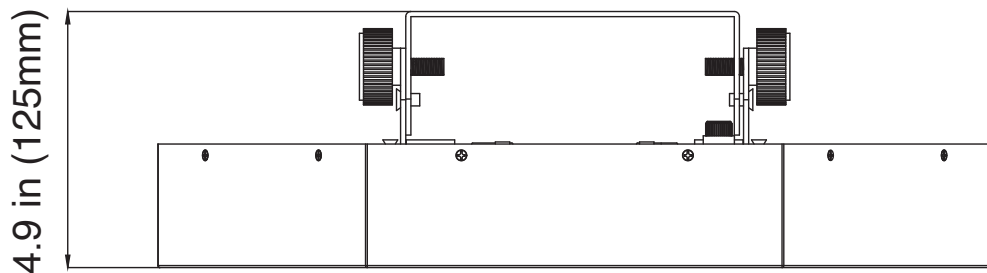
The error indicator LED show different sequences to indicate different fixture errors, as described in the table below:

ERROR CODE	INDICATOR SEQUENCE	FAULT STATUS
Error Code 1	Red light flashing	DMX signal failure
Error Code 2	Red light steady on	Fan failure

# SPECIFICATIONS

- Light Source: Center Beam: 1x40W RGBW (Red, Green, Blue & White); Circular Halo: 288x RGB (0.5W, 5050 SMD - Red, Green, Blue)
- 128 Built-In Programs
- Cooling System: Convection Cooled
- Dimming: 0~100%
- Shutter: 0~20 Strobe flashes per second
- Control: DMX512, Primary/Secondary & Sound Active
- DMX Channel Modes: 7, 16 & 152-Channels
- LCD Display: 4 x 8 segment display
- 3-pin DMX In/Out
- Locking Power In/Out
- Power Input: AC100-265V, 50/60Hz
- Max Power: 100W
- Dimensions (LxWxH): 13.8" x 4.9" x 15.9" / 351mm x 125mm x 405mm
- Weight: 7 lbs. / 3.1Kg
- IP Rating: IP20

DIMENSIONAL DRAWINGS



# FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Please note that changes or modifications of this product is not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

## Energy Saving Matters (EuP 2009/125/EC)

Saving electric energy is a key to help protecting the environment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you!



