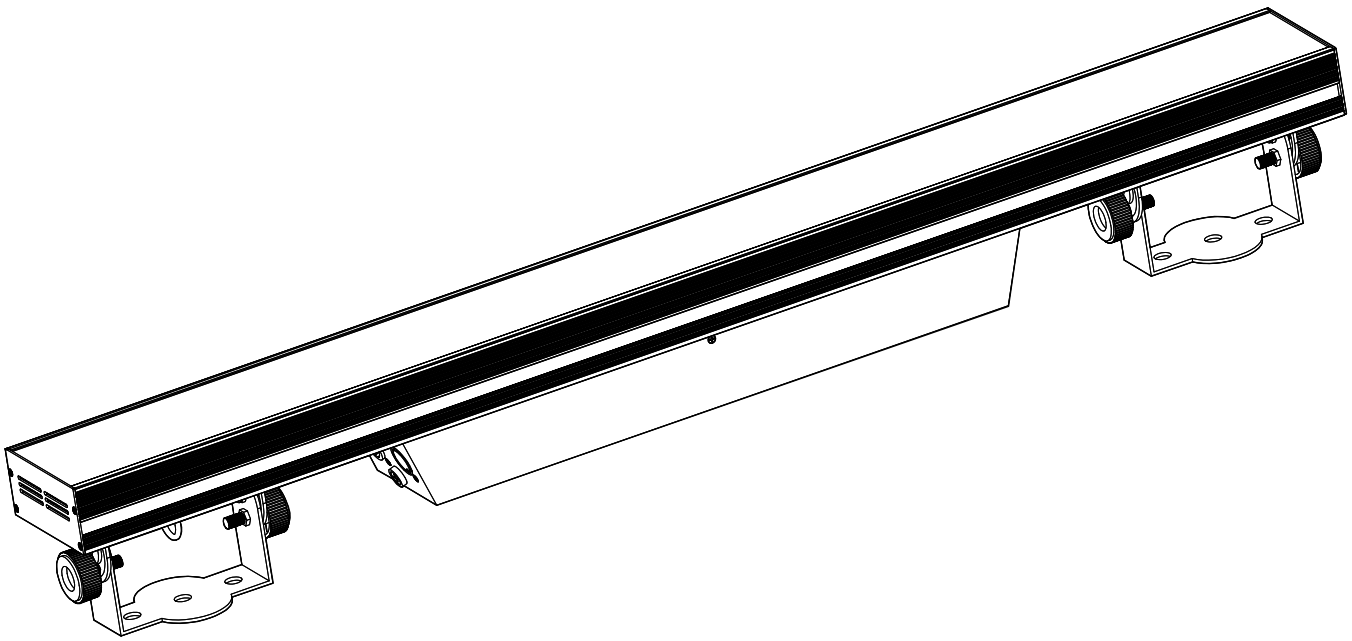
ELIMINATOR®
LIGHTING



ELEKTRON BAR FX

User Manual

Eliminator Lighting
6122 S. Eastern Ave. Los Angeles, CA. 90040
323-582-2650 l Fax 323-532-2941 l **www.adj.com l info@adj.com**

ADJ SUPPLY Europe B.V
Junostraat 2 6468 EW Kerkrade, The Netherlands
+31 (0)45 546 85 00 l Fax +31 45 546 85 99
www.adj.eu l 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 for the latest revision/update of this manual before beginning installation and/or programming.

Date	Document Version	Software Version >	DMX Channel Mode	Notes
07/24/25	1.0	01	4 / 13 / 209 Ch	Initial Release
10/16/25	1.1	1.03	4 / 13 / 44 / 77 / 110 / 209 Ch	Updated System Menu, DMX Setup, DMX Traits, Pixel Zones, Pixel Flip, Dimensional Drawings

CONTENTS

INTRODUCTION

UNPACKING

Thank you for purchasing the Elektron FX Bar 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 Elektron Bar FX is a 1-meter strobe and blinder that combines power and versatility. Featuring seven 40W amber LEDs (1800K) for brilliant blinder effects and 528 RGB SMD LEDs for vibrant color chases, it delivers stunning visual impact. With multiple DMX channel modes and various control options, this fixture empowers you to create dynamic lighting designs for any venue or mobile production.. 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 I 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

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.

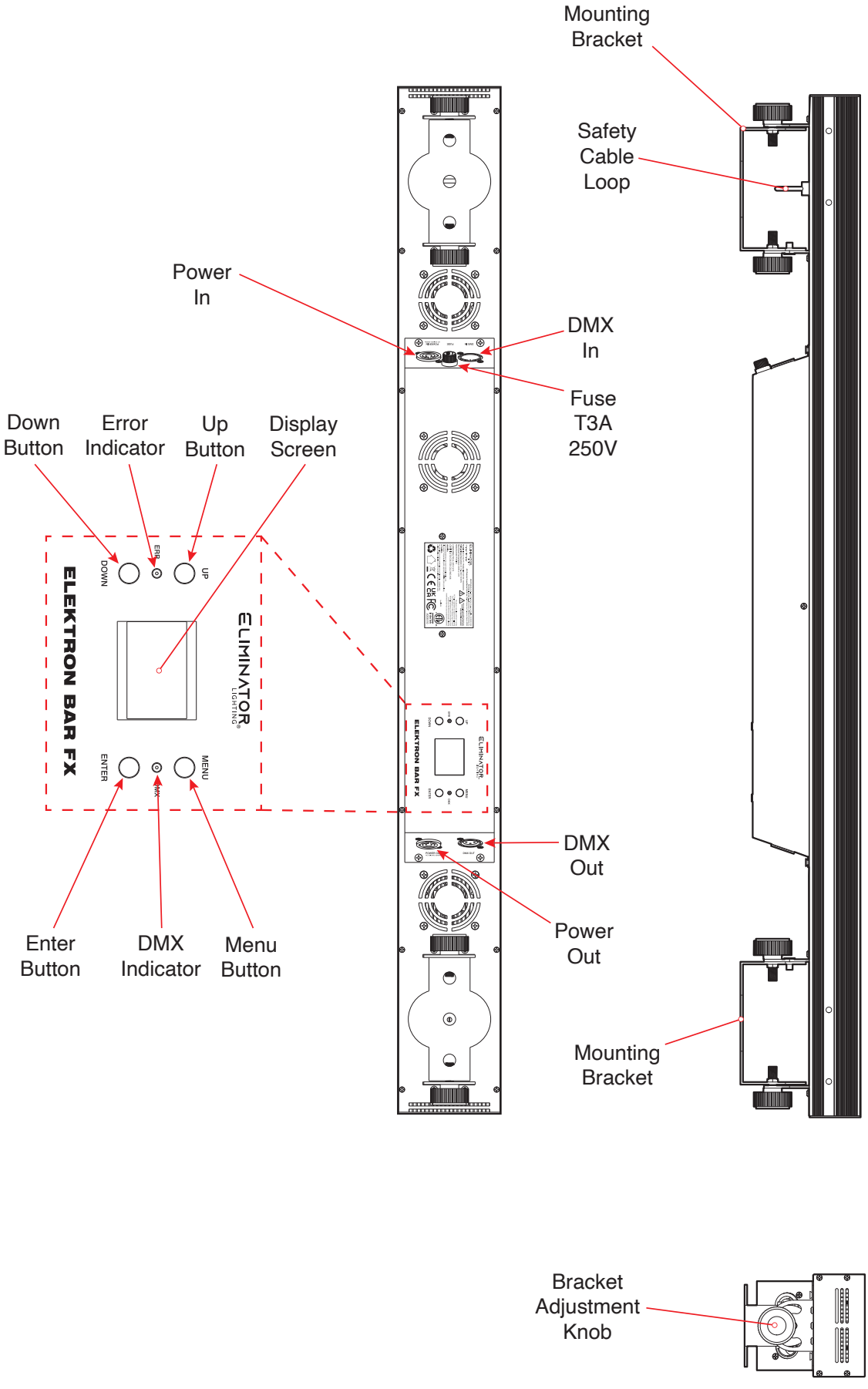
FEATURES

- 7 x Amber LED Zones
- 66 x RGB LED Zones
- 60 Built-In Programs with Speed control
- 2 x mounting brackets

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 ampifiers) 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


Mounting Bracket
Safety Cable Loop
Power In
DMX In
Fuse T3A 250V
Down Button
Error Indicator
Up Button
Display Screen
DMX Out
Power Out
Enter Button
DMX Indicator
Menu Button
Mounting Bracket
Bracket Adjustment Knob
ELEKTRON BAR FX
ELIMINATOR LIGHTING

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.

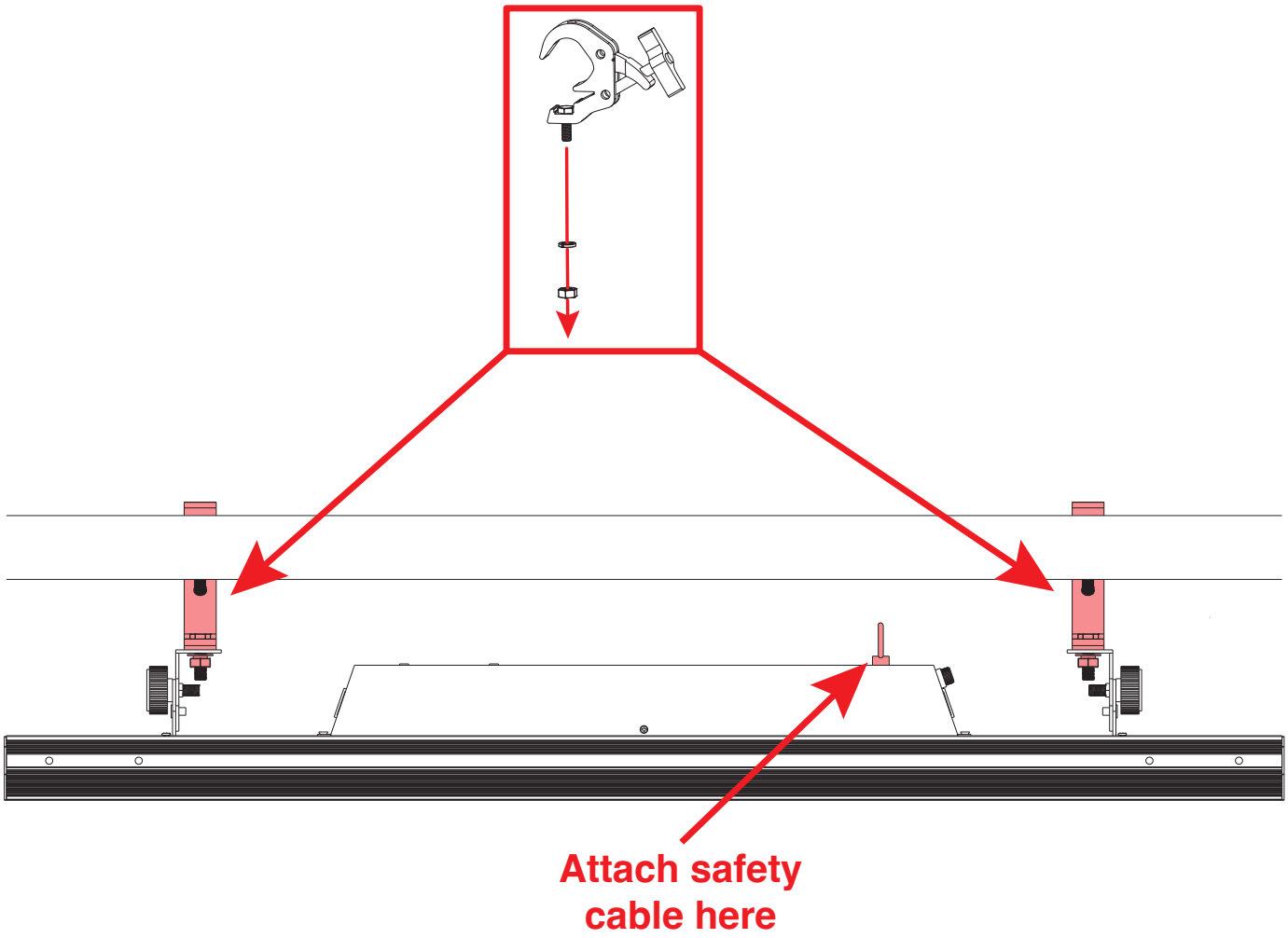
Overhead mounting requires extensive experience, including calculating working load limits, knowledge of installation material being used, and perodic safety inspection of all installation material as well as the unit itself. If you lack these qualifications, do not attempt the installation yourself.

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

INSTALLATION

CLAMP MOUNTING

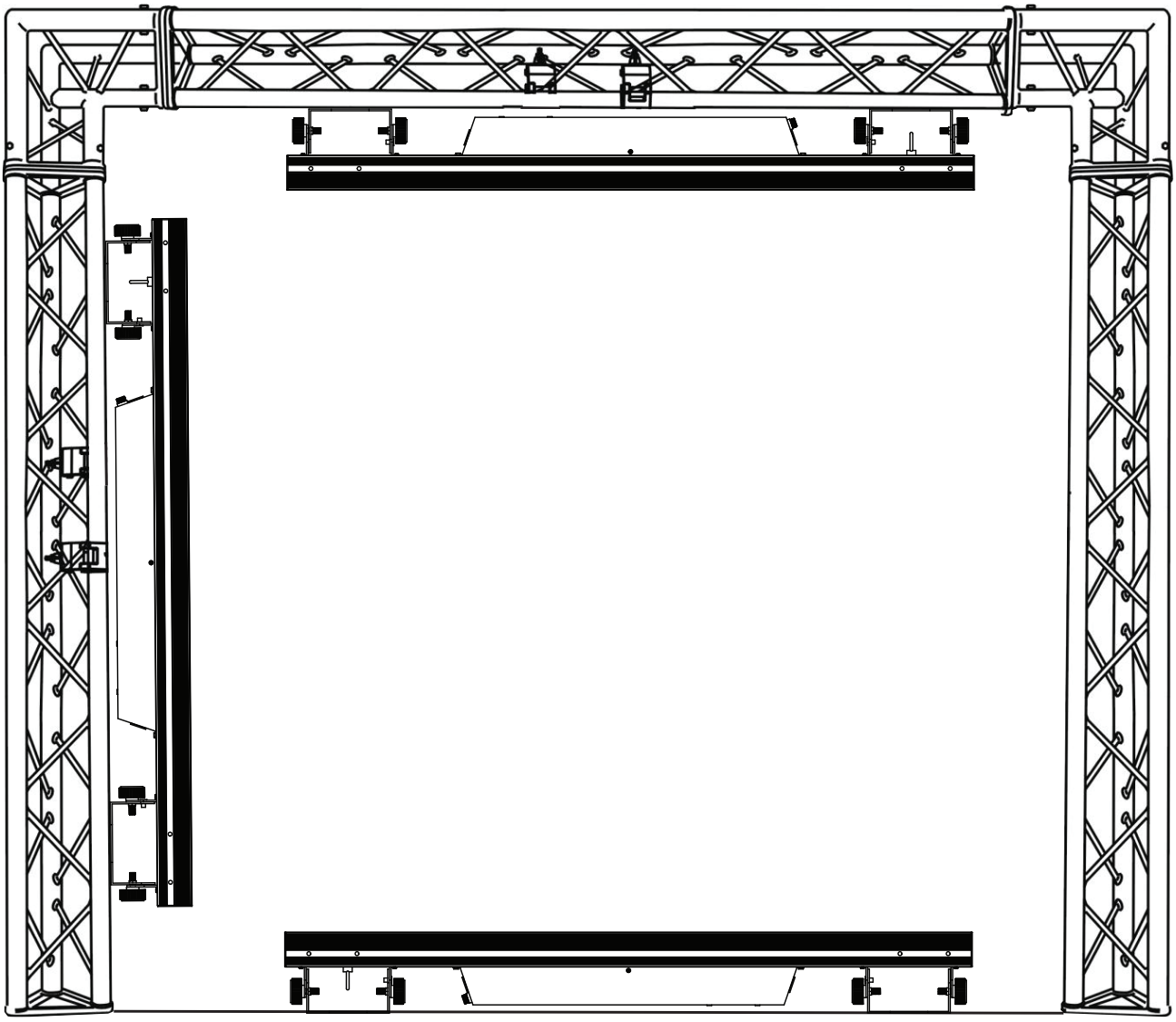
This fixture features a hole on each mounting bracket for the fitment of a clamp. To truss mount this unit, align the hole in the bottom of the clamp with the hole on the fixture's bracket, then insert a nut of the appropriate size through both the clamp and the bracket and secure in place with a matching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



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

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.

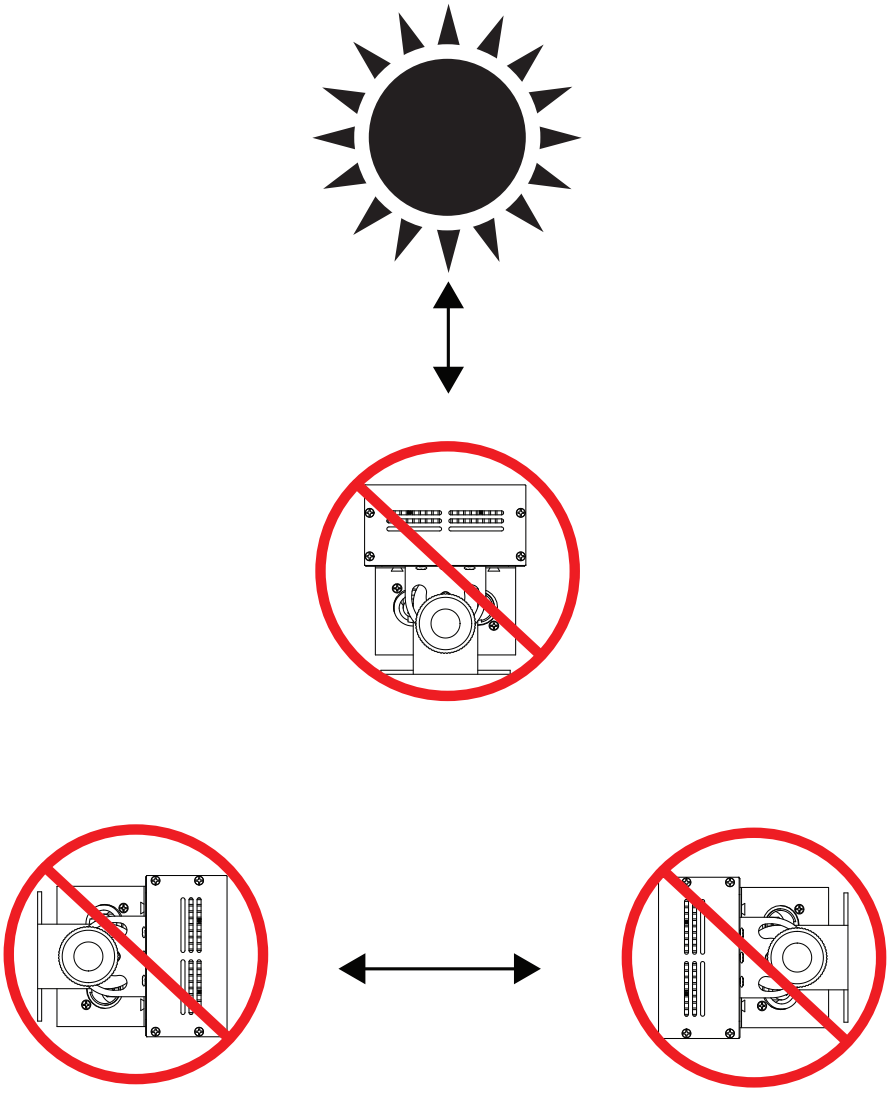
INSTALLATION

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.

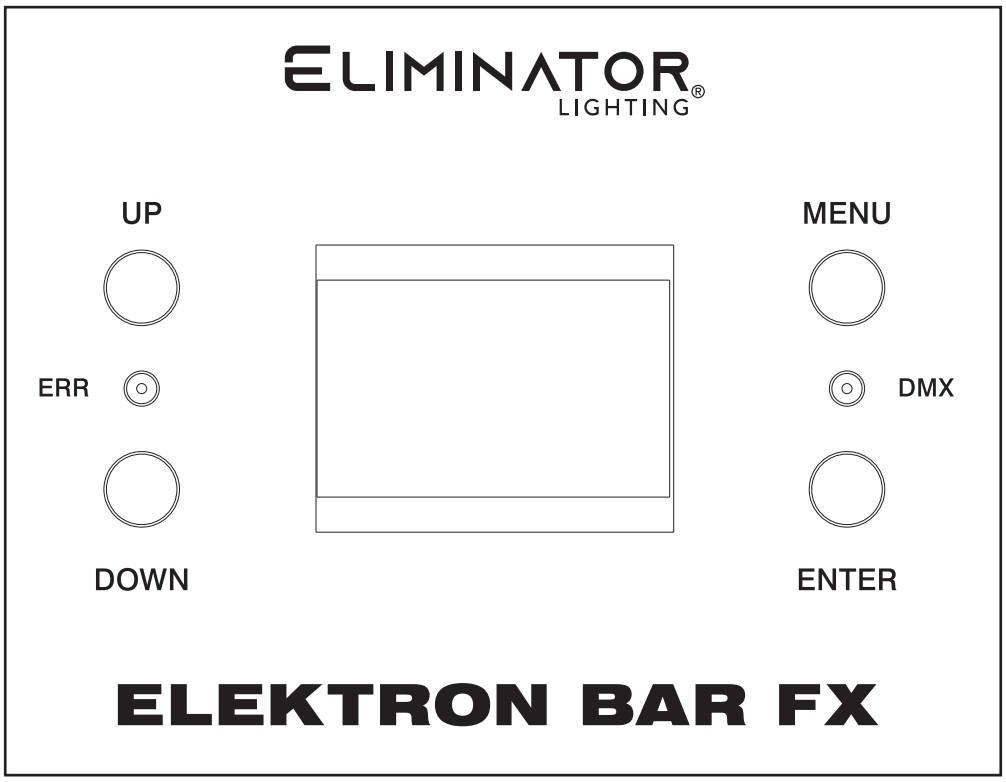
DO NOT EXPOSE THE FIXTURE AND/OR FRONT LENS OPENING TO LIGHT BEAMS FROM DIRECT SUNLIGHT, OTHER LIGHTING OR MOVING HEAD FIXTURES, AND LASERS DURING UNPACKING, INSTALLATION, USE, AND EXTENDED IDLE TIMES OUTDOORS. DO NOT FOCUS A LIGHT BEAM FROM ONE LIGHTING FIXTURE DIRECTLY TOWARDS ANOTHER.



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 **BOLD**)	
DMX Settings	Address Code	**1** - 512
	Channel	4ch
		13ch
		44ch
		77ch
		110ch
		209ch
	No DMX Status	**Hold Last**
		Blackout
		Manual Settings
		Internal Programs
Manual Control	Red	000 - 255
	Green	000 - 255
	Blue	000 - 255
	Amber	000 - 255
	Shutter	000 - 255
	Dimmer	000 - 255
Internal Programs	Program	000 - 255
	Speed	000 - 255
	Fade	000 - 255
	Sound	On / **Off**
	Sound Sensitivity	000 - 255
System Info	Fixture Life Time	xxxx Hours
	Pixel Flip	On / **Off**
	Display Invert	On / **Off**
	Display Lock	**On** / Off
	Software Version	Version number
	Factory Restore	**No** / Yes

DMX SETUP

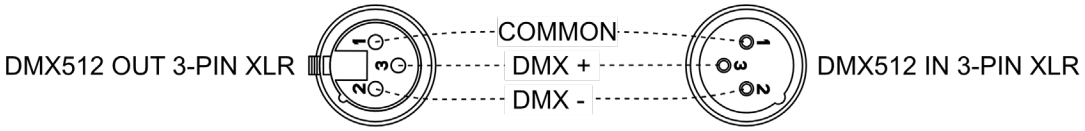
DMX-512: DMX is short for Digital Multiplex. This is a universal protocol used as a form of communication between intelligent fixtures and controllers. A DMX controller sends DMX data instructions from the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture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

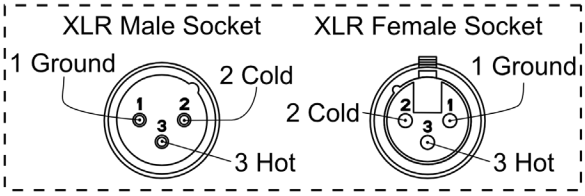
DMX Linking: DMX is a language allowing all makes and models of different manufacturers to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. To ensure proper DMX data transmission, try to use the shortest cable path possible when linking 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 3 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

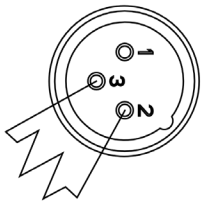
Notice: Be sure to the figures below when making your own cables. Do not use the ground lug on the XLR connector. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing. Grounding the shield could cause a short circuit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





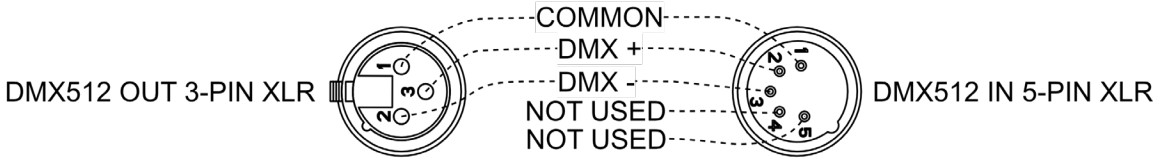
XLR Pin Configuration
Pin 1 = Ground
Pin 2 = Data Compliment (negative)
Pin 3 = Data True (positive)

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 4 Channel mode, you should set the starting DMX address of the first unit to 1, the second unit to 5 (1 + 4), the third unit to 9 (1 + 4 + 4), etc...

Channel Mode	Unit 1 Address	Unit 2 Address	Unit 3 Address	Unit 4 Address
4Ch	1	5	9	13
13Ch	1	14	27	40
44Ch	1	45	89	133
77Ch	1	78	155	232
110Ch	1	111	221	331
209Ch	1	210	419	628

DMX TRAITS

Features subject to change without notice							
MODE/CHANNELS						VALUES	FUNCTION
4ch	13ch	44ch	77ch	110ch	209ch		
1	1						**Amber All**
						000 - 255	0% to 100%
		1	1	1	1		**Amber 1**
						000 - 255	0% to 100%
		2	2	2	2		**Amber 2**
						000 - 255	0% to 100%
		3	3	3	3		**Amber 3**
						000 - 255	0% to 100%
		4	4	4	4		**Amber 4**
						000 - 255	0% to 100%
		5	5	5	5		**Amber 5**
						000 - 255	0% to 100%
		6	6	6	6		**Amber 6**
						000 - 255	0% to 100%
		7	7	7	7		**Amber 7**
						000 - 255	0% to 100%
	2	8	8	8	8		**Amber 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)
	3	9	9	9	9		**Amber Dimmer**
						000 - 255	0% to 100%
2	4						**Outer Red All**
						000 - 255	0% to 100%
3	5						**Outer Green All**
						000 - 255	0% to 100%
4	6						**Outer Blue All**
						000 - 255	0% to 100%

DMX TRAITS

Features subject to change without notice							
MODE/CHANNELS						VALUES	FUNCTION
4ch	13ch	44ch	77ch	110ch	209ch		
		10	10	10	10		**Outer 1 Red**
						000 - 255	0% to 100%
		11	11	11	11		**Outer 1 Green**
						000 - 255	0% to 100%
		12	12	12	12		**Outer 1 Blue**
						000 - 255	0% to 100%
		...	...	...	...	...	...
		40	40	40	40		**Outer 11 Red**
						000 - 255	0% to 100%
		41	41	41	41		**Outer 11 Green**
						000 - 255	0% to 100%
		42	42	42	42		**Outer 11 Blue**
						000 - 255	0% to 100%
			...	...	...	...	...
			73	73	73		**Outer 22 Red**
						000 - 255	0% to 100%
			74	74	74		**Outer 22 Green**
						000 - 255	0% to 100%
			75	75	75		**Outer 22 Blue**
						000 - 255	0% to 100%
				...	...	...	...
				106	106		**Outer 33 Red**
						000 - 255	0% to 100%
				107	107		**Outer 33 Green**
						000 - 255	0% to 100%
				108	108		**Outer 33 Blue**
						000 - 255	0% to 100%
					...	...	...
					205		**Outer 66 Red**
						000 - 255	0% to 100%
					206		**Outer 66 Green**
						000 - 255	0% to 100%
					207		**Outer 66 Blue**
						000 - 255	0% to 100%

DMX TRAITS

Features subject to change without notice							
MODE/CHANNELS						VALUES	FUNCTION
4ch	13ch	44ch	77ch	110ch	209ch		
	7	43	76	109	208		**Outer 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)
	8	44	77	110	209		**Outer Dimmer**
						000 - 255	0% to 100%
	9						**Color Macros**
						000 - 255	See Color Macros Chart
	10						**Amber Programs**
						000 - 006	Off
						007 - 013	Program 1
						014 - 019	Program 2
						020 - 026	Program 3
						027 - 032	Program 4
						033 - 039	Program 5
						040 - 045	Program 6
						046 - 052	Program 7
						053 - 058	Program 8
						059 - 065	Program 9
						066 - 071	Program 10
						072 - 078	Program 11
						079 - 084	Program 12
						085 - 091	Program 13
						092 - 097	Program 14
						098 - 104	Program 15
						105 - 111	Program 16
						112 - 117	Program 17
						118 - 124	Program 18
						125 - 130	Program 19
						131 - 137	Program 20
						138 - 143	Program 21

DMX TRAITS

Features subject to change without notice							
MODE/CHANNELS						VALUES	FUNCTION
4ch	13ch	44ch	77ch	110ch	209ch		
							Amber Programs(continued)
						144 - 150	Program 22
						151 - 156	Program 23
						157 - 163	Program 24
						164 - 169	Program 25
						170 - 176	Program 26
						177 - 182	Program 27
						183 - 189	Program 28
						190 - 195	Program 29
	10					196 - 202	Program 30
						203 - 208	Program 31
						209 - 215	Program 32
						216 - 222	Program 33
						223 - 228	Program 34
						229 - 235	Program 35
						236 - 241	Program 36
						242 - 248	Program 37
						249 - 254	Program 38
						255	Program 39
	11						**Amber Program Speed**
						000 - 255	Slow to fast
							Outer Internal Programs
						000 - 001	Program 0
						002 - 003	Program 1
	12					004 - 005	Program 2
						...	...
						252 - 253	Program 126
						254 - 255	Program 127
	13						**Outer Program Speed**
						000 - 255	Slow to fast

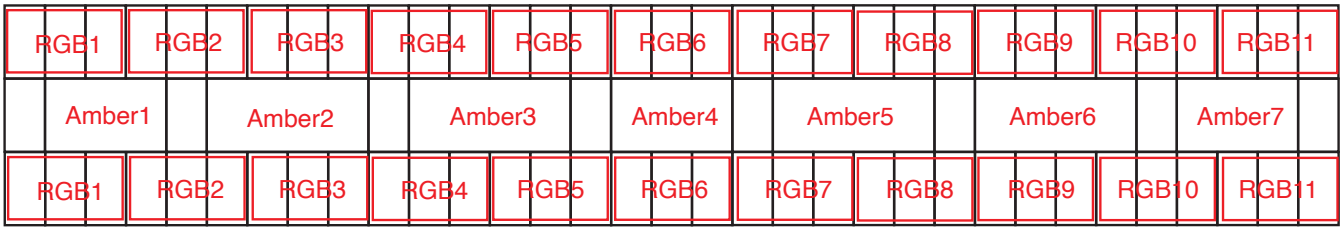
COLOR MACROS CHART

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

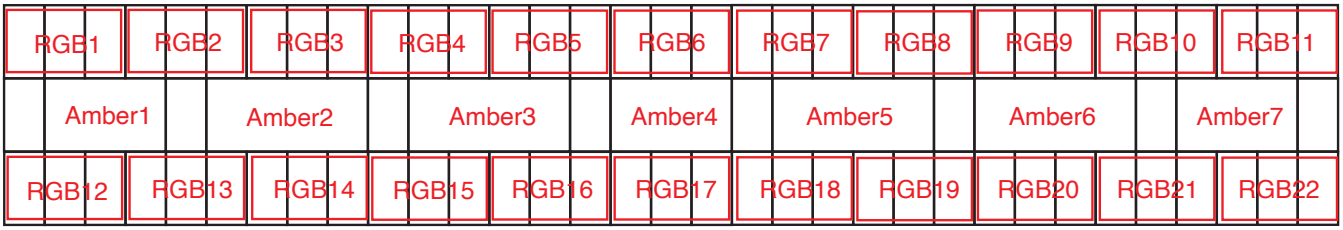
Color Macro	DMX Values	Red	Green	Blue
33	129 - 132	255	206	143
34	133 - 136	254	177	153
35	137 - 140	254	192	138
36	141 - 144	254	165	98
37	145 - 148	254	121	0
38	149 - 152	176	17	0
39	153 - 156	96	0	11
40	157 - 160	234	139	171
41	161 - 164	224	5	97
42	165 - 168	175	77	173
43	169 - 172	119	130	199
44	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

PIXEL ZONES

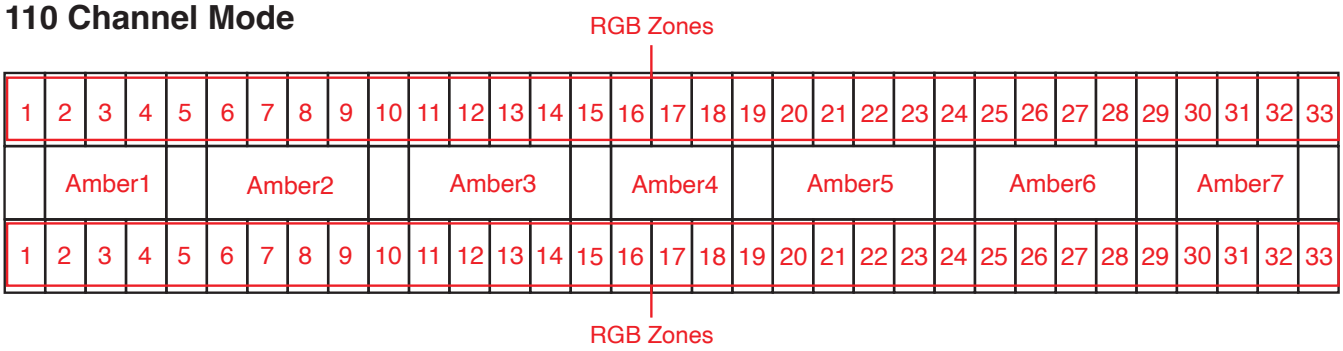
44 Channel Mode



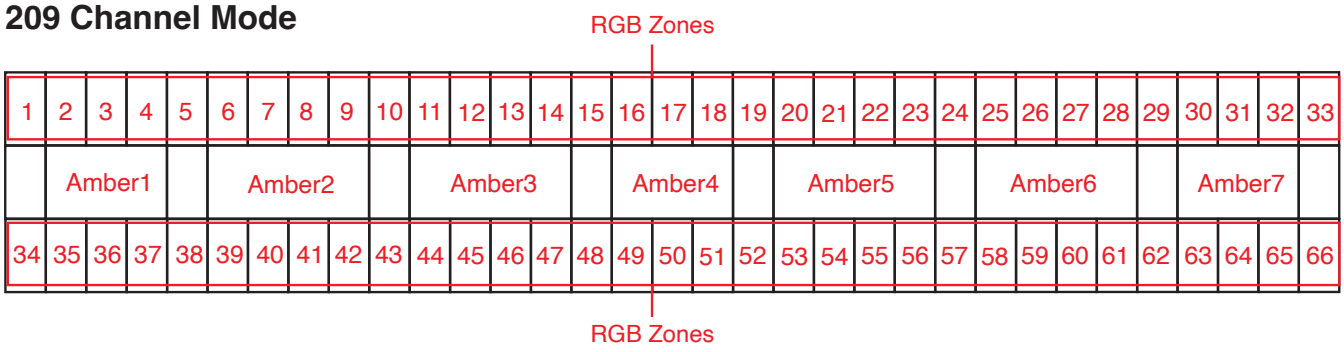
77 Channel Mode



110 Channel Mode



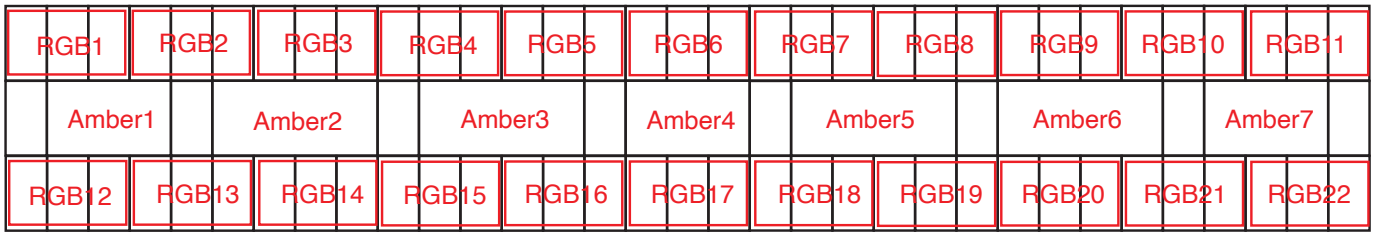
209 Channel Mode



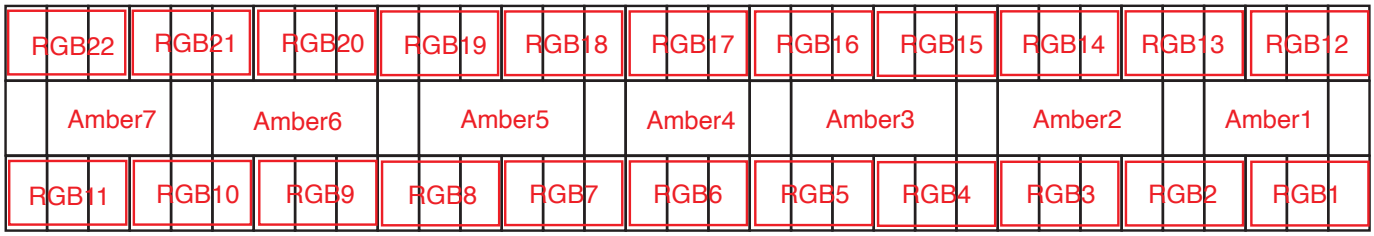
PIXEL FLIP

Please note that the diagrams below show the unit in 77-channel mode as an example, but the same principle will apply in any DMX channel mode.

Pixel Flip Off (Standard)



Pixel Flip On



PRIMARY-SECONDARY MODE

This function will allows 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 ouput. 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 features 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:

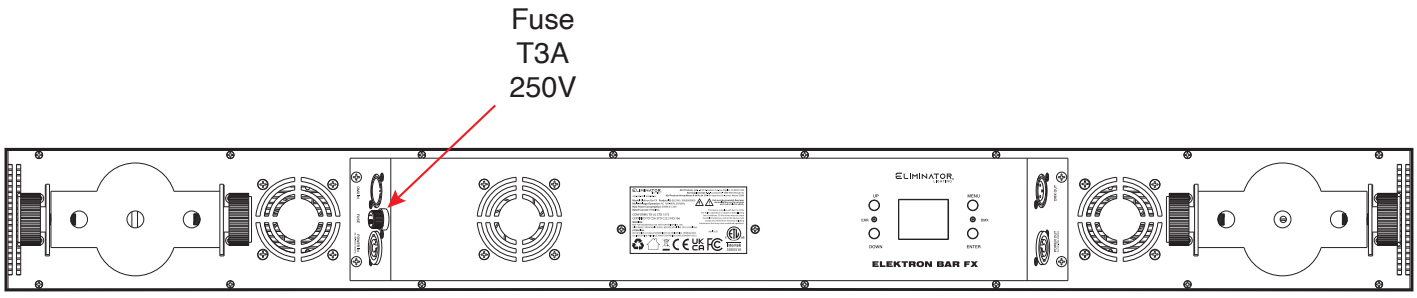
- **7 units @ 120V power**
- **14 units @ 230V power**

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 T5A 250V rating!**



CLEANING

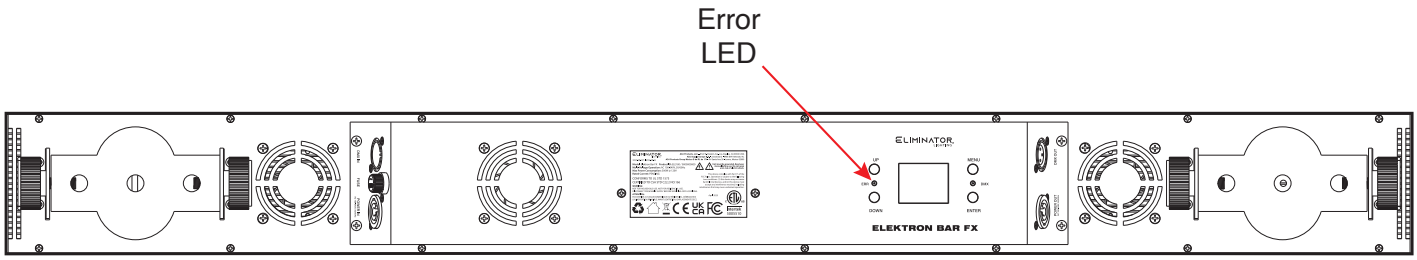
Due to fog residue, smoke, and dust, cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

- 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:
- 7 x 40W 1800K (Amber) LEDs + 528 x RGB (0.5W, 5050 SMD) LEDs
- 50,000 Hour Average LED Life

Features:
- 7 x Amber LED Zones
- 66 x RGB LED Zones
- 60 Built-In Programs with Speed control
- 2 x mounting brackets

Control:
- Control Protocols: DMX512, Primary/Secondary & Sound Active
- Dim Modes: 6 Presets (Standard, Stage, TV, Architectural, Theatre & Stage 2)
- Dim Curves: 4 Presets (Linear, Square Law, Inv Square Law and S Curve)
- 0-100% Smooth Dimming
- Shutter: 0-20 “Strobe” Flashes per second
- Refresh Rate: 900Hz - 25kHz
- With Wired Digital Communication Network
- Display: Digital (with 4 buttons)

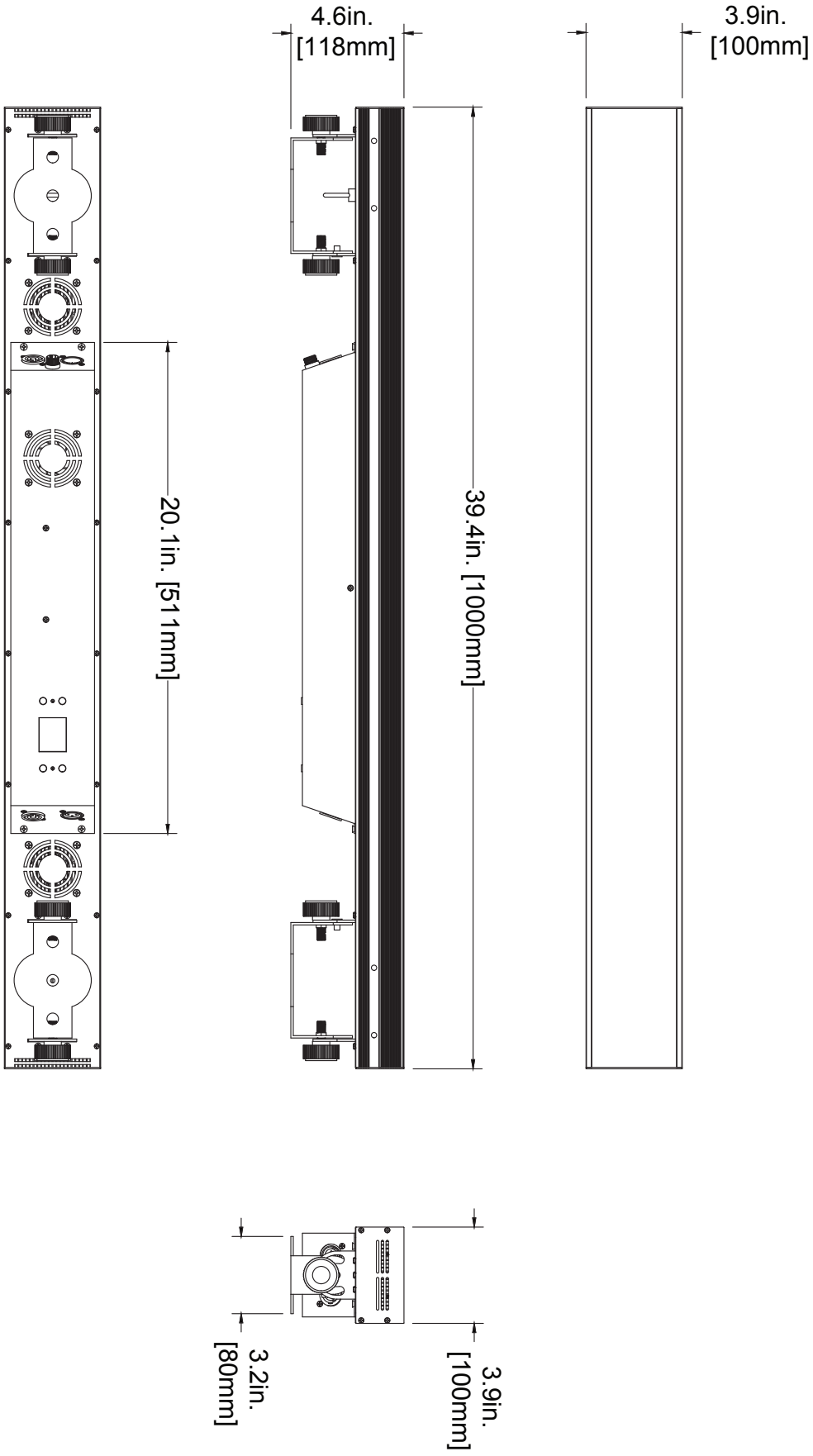
Connections:
- Data: IP20-rated locking 3-pin DMX In/Out
- Power: IP20 Locking Power In/Out

Electrical:
- 100-240V 50Hz/60Hz (Auto Sensing)
- Max Power Consumption: 300W @120V
- Max Power Link: 7pcs @120V, 14pcs @230V
- Fuse Protected: T3A/250V Glass Fuse (5*20MM)

Dimensions / Weight:
- Length: 39.5” (1000mm)
- Width: 4” (100mm)
- Height: 5.2” (131mm)
- Weight: 11.7 lbs. (5.3 kg)

Approvals and Ratings:
- CE (Pending)
- cETLus (Pending)
- 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!