ELATION PROFESSIONAL

CHORUS LINE 8™

user manual

Elation Professional USA | 6122 S. Eastern Ave. **|** Los Angeles, CA. 90040

323-582-3322 **|** 323-832-9142 fax **|** www.elationlighting.com **|** info@elationlighting.com

Elation Professional B.V. **|** Junostraat 2 **|** 6468 EW Kerkrade, The Netherlands

+31 45 546 85 66 **|** +31 45 546 85 96 fax **|** www.elationlighting.eu **|** info@elationlighting.eu

D O C U M E N T   V E R S I O N

☞ **Please check** www.elationlighting.com **for the latest revision/update of this manual.**

Date	Document Version	Software Version ≥	DMX Channel Modes	Notes
10/19/17	1	1.02	16 / 18 / 46	Initial release.

C O N T E N T S

GENERAL INFORMATION

INTRODUCTION

This fixture has been designed to perform reliably for years when the guidelines in this booklet are followed. Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this unit. These instructions contain important information regarding safety during use and maintenance.

UNPACKING

Every fixture 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 unit for damage and be sure all accessories necessary to operate the unit 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 unit to your dealer without first contacting customer support at the number listed below. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

BOX CONTENTS
(2) Omega Brackets
(1) Safety Cable
(1) powerCON Cable

CUSTOMER SUPPORT

Elation Professional® provides a customer support line, to provide set up help and to answer any question should you encounter problems during your set up or initial operation. You may also visit us on the web at www.elationlighting.com for any comments or suggestions. For service related issue please contact Elation Professional®.

ELATION SERVICE USA - Monday - Friday 8:00am to 5:00pm PST
Voice: 323-582-3322   Fax: 323-832-9142
E-mail: support@elationlighting.com

ELATION SERVICE EUROPE - Monday - Friday 08:30 to 17:00 CET
Voice: +31 45 546 85 30   Fax: +31 45 546 85 96
E-mail: support@elationlighting.eu

WARRANTY RETURNS

All returned service items whether under warranty or not, must be freight pre-paid and accompany 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 and included in the shipping container. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. Items returned without a R.A. number clearly marked on the outside of the package will be refused and returned at customer's expense. You may obtain a R.A. number by contacting customer support.

⚠ **I M P O R T A N T   N O T I C E !**

There are no user serviceable parts inside this unit. Do not attempt any repairs yourself; doing so will void your manufactures warranty. Damages resulting from modifications to this fixture and/or the disregard of safety and general user instructions found in this user manual void the manufactures warranty and are not subject to any warranty claims and/or repairs.

LIMITED WARRANTY

A. Elation Professional® hereby warrants, to the original purchaser, Elation Professional® products to be free of manufacturing defects in material and workmanship for a period of two years (730 days), and Elation Professional® product rechargeable batteries to be free of manufacturing defects in material and workmanship for a period of six months (180 days), from the original date of purchase. This warranty excludes discharge lamps and all product accessories. This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.

B. For warranty service, send the product only to the Elation Professional® factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, Elation Professional® will pay return shipping charges only to a designated point within the United States. If any product is sent, it must be shipped in its original package and packaging material. No accessories should be shipped with the product. If any accessories are shipped with the product, Elation Professional® shall have no liability what so ever for loss and/or or damage to any such accessories, nor for the safe return thereof.

C. This warranty is void if the product serial number and/or labels are altered or removed; if the product is modified in any manner which Elation Professional® concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the Elation Professional® factory unless prior written authorization was issued to purchaser by Elation Professional®; if the product is damaged because not properly maintained as set forth in the product instructions, guidelines and/or user manual.

D. This is not a service contract, and this warranty does not include any maintenance, cleaning or periodic check-up. During the periods as specified above, Elation Professional® will replace defective parts at its expense, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of Elation Professional® under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of Elation Professional®. All products covered by this warranty were manufactured after January 1, 1990, and bare identifying marks to that effect.

E. Elation Professional® reserves the right to make changes in design and/or performance improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

F. No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with the products described above. Except to the extent prohibited by applicable law, all implied warranties made by Elation Professional® in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty periods set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said periods have expired. The consumer's and/or dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall Elation Professional® be liable for any loss and/or damage, direct and/or consequential, arising out of the use of, and/or the inability to use, this product.

G. This warranty is the only written warranty applicable to Elation Professional® products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

SAFETY INSTRUCTIONS AND GUIDELINES

This fixture is an extremely sophisticated piece of electronic equipment. To guarantee a smooth operation, it is important to follow all instructions and guidelines in this manual. The manufacturer of this device is not responsible for injury and/or damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual. Only qualified and/or certified personnel should perform installation of this fixture and only the original rigging parts (omega brackets) included with this fixture should be used for installation. Any modifications to the fixture and/or the mounting hardware included will void the original manufactures warranty and increase the risk of damage and/or personal injury.

PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED

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 FIXTURE TO RAIN AND MOISTURE!

NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE!

RETINA INJURY RISK - MAY INDUCE BLINDNESS!

SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!

CHORUS LINE 8™ User Manual

SAFETY INSTRUCTIONS AND GUIDELINES

- **DO NOT TOUCH** the fixture housing during operation. Turn OFF the power and allow approximately 15 minutes for the fixture to cool down before serving.

- **DO NOT** shake fixture, avoid brute force when installing and/or operating fixture.

- **DO NOT** operate fixture if the power cord has become frayed, crimped and/or damaged. If the power cord is damaged, replace it immediately with a new one of similar power rating.

- **DO NOT** block any air ventilation slots. All fan and air inlets must remain clean and never blocked. Allow approx. 6" (15cm) between fixture and other devices or a wall for proper cooling.

- When installing fixture in a suspended environment, always use mounting hardware that is no less than M10 x 25 mm, and always install fixture with an appropriately rated safety cable.

- Always disconnect fixture from main power source before performing any type of service and/or cleaning procedure. Only handle the power cord by the plug end, never pull out the plug by tugging the wire portion of the cord.

- During the initial operation of this fixture, a light smoke or smell may emit from the interior of the fixture. This is a normal process and is caused by excess paint in the interior of the casing burning off from the heat associated with the lamp and will decrease gradually over time.

- Consistent operational breaks will ensure the fixture will function properly for many years to come.

- Use the original packaging and materials to transport the fixture in for service.

OVERVIEW
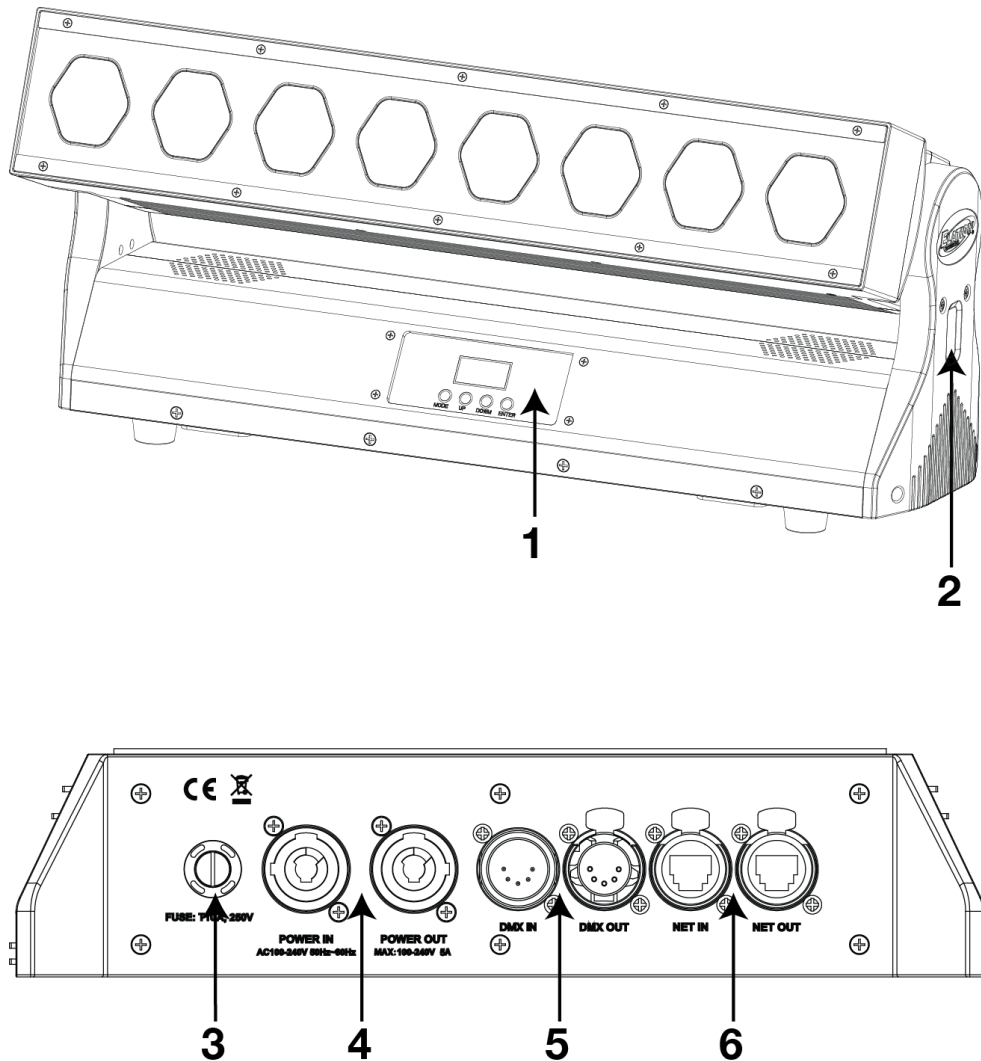
1. **LCD Menu Display, MENU, UP, DOWN, ENTER Buttons**

2. **Tilt Lock**

3. **Fuse**

4. **powerCON IN/OUT**

5. **5pin DMX IN/OUT**

6. **RJ45 Ethernet IN/OUT**

INSTALLATION

FLAMMABLE MATERIAL WARNING

Keep fixture at least 5.0 feet (1.5m) away from any flammable materials, decorations, pyrotechnics, etc.

ELECTRICAL CONNECTIONS

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

CAUTIONS

- For added protection, mount the fixture in areas outside walking paths, seating areas, or in areas were unauthorized personnel might reach the fixture.

- Ambient operating temperature range for this fixture is **5° to 113°F. (-15° to 45°C)** Do not use the fixture under or above this temperature.

- Before mounting the fixture to any surface, make sure the installation area can hold a minimum point load of 10 times the weight of the fixture.

- Fixture installation must always be secured with a secondary safety attachment, such as an appropriate safety cable.

- Never stand directly below the device when mounting, removing or servicing.

POWER LINKING

Max number of **CHORUS LINE 8** units power linked together:

3 unit @120V | 6 units @240V

NOTE: USE CAUTION WHEN POWER LINKING OTHER FIXTURES TO CHORUS LINE 8!

POWER CONSUMPTION OF OTHER LIGHTING FIXTURES WILL VARY!

ALWAYS CHECK MAX AMP OUT RATING PRINTED ON THE REAR CONNECTION PANEL!

ART-NET CONNECTION

When connecting fixture to a network switch to control multiple devices, a **Gigabit Ethernet Switch** that supports **IGMP (Internet Group Management Protocol)** is required. Using a **Gigabit Ethernet Switch** that does not support **IGMP** can cause erratic behavior of all connected devices to the switch.

Click link below for more information about IGMP.

https://en.wikipedia.org/wiki/Internet_Group_Management_Protocol

CLAMP INSTALLATION

The fixture can be placed on the flat surface or truss mounted. When mounting this fixture to truss be sure to secure (2) appropriately rated clamps (not included) to the **(2) Omega Brackets (included)** Be sure to attach the **Safety Cable (included)** to the fixture using the safety cable rigging points integrated into the bottom of the fixture. (See image below)

SAFETY CABLE RIGGING POINT

Ø13mm(0.51in)

4.21in
107mm
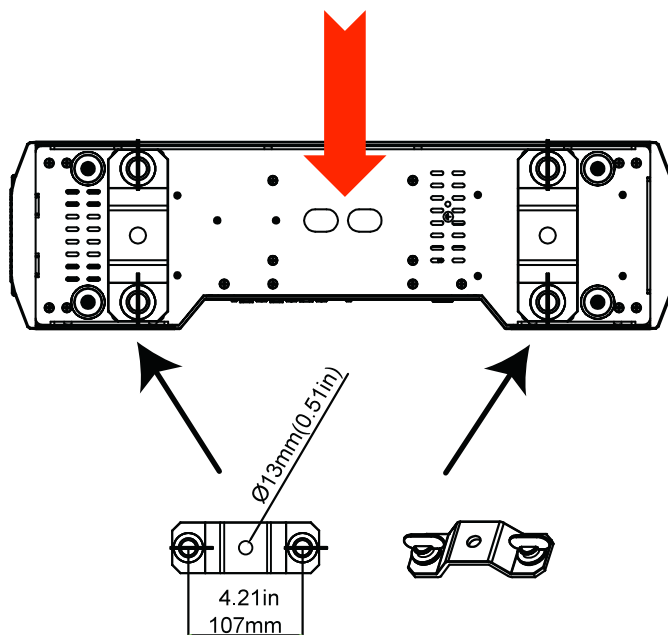
S A F E T Y   C A B L E

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

RIGGING

Overhead rigging requires extensive experience, including amongst others calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the fixture. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury. Fixture is fully operational in the specific mounting positions illustrated below.
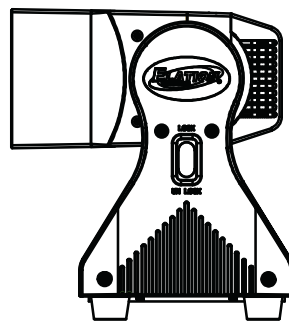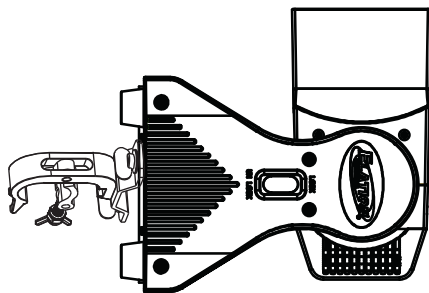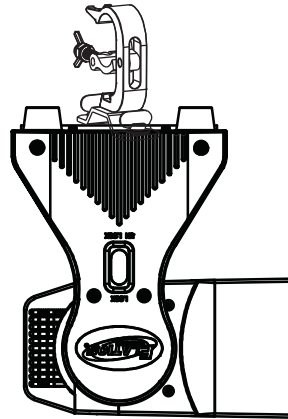
FIXTURE MENU

The fixture comes with an easy to navigate system menu. The control panel (see image below) located on the back of the fixture provides access to the main system menu and is where all necessary system adjustments are made to the fixture. During normal operation, pressing **MODE** button once will access the fixture's main menu. Once in the main menu you can navigate through the different functions and access the sub-menus with the **UP** and **DOWN** buttons. Once you reach a field that requires adjusting, press the **ENTER** button to activate that field and use the **UP** and **DOWN** buttons to adjust the field. Pressing the **ENTER** button once more will confirm your setting. You may exit the main menu at any time without making any adjustments by pressing the **MODE/ESC** button.
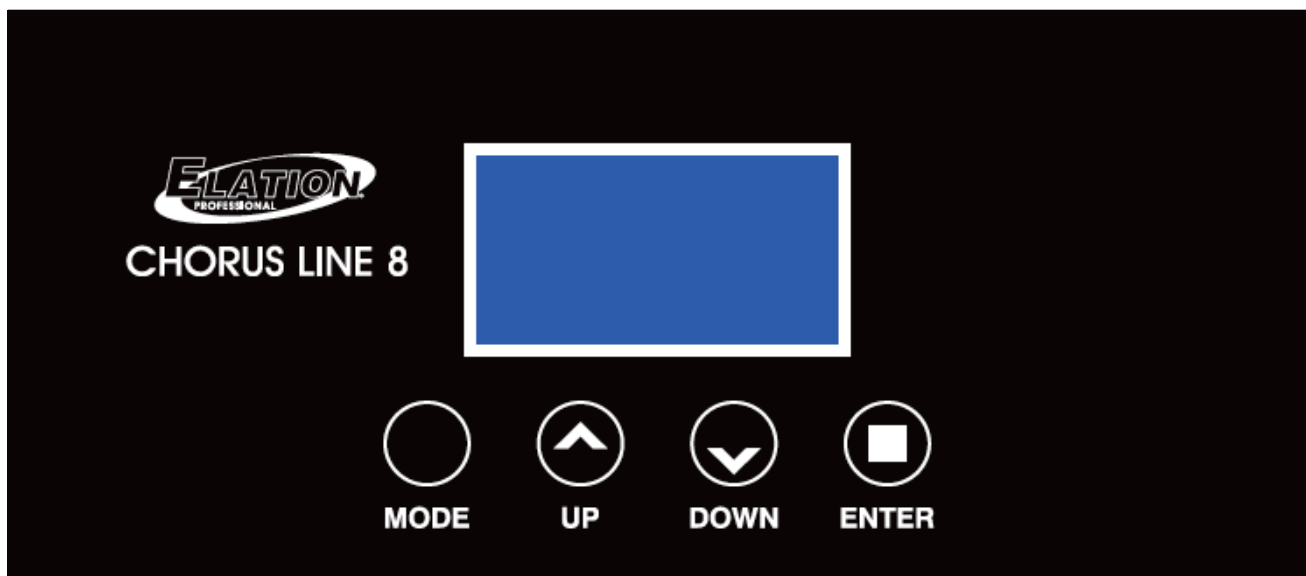
LCD CONTROL PANEL LOCKOUT

When the **Key Lock** menu is set to **ON**, the LCD display will turn OFF after 30 seconds and the (4) button Control Panel will be LOCKED. To unlock the (4) button LCD control panel, press and hold the **MODE** button.

INFORMATION DISPLAYED DURING INITIAL POWER ON

When the fixture is initially powered ON, the display shows the following information:

| Update Wait... | → | Chorus8 Reset... |

| MAIN MENU	SUB MENU	OPTIONS / VALUES (Default Settings in BOLD)		DESCRIPTION
ELATION© CHORUS LINE 8™ S Y S T E M   M E N U
Features are subject to change without any prior written notice.
Address	Address	**001** ~ XXX		Fixture DMX Address Setting
UserMode		**Standard**, Basic, Extend		Set DMX Channel Mode
Function	Status	Lost Dmx	Close/**Hold** / Auto.Pro	Function If NO DMX Detected
		Tilt Invert	ON / **OFF**	Tilt Reverse Movement
		Feedback	**ON**/OFF	Movement Feedback
		Move. Spd	Speed **1** ~ 4	Movement Mode Select
		Stand By	OFF, 01M~99M, **15M**	Stand By Mode
	Fan. Set	Led Fan	**Auto**, High, LoW	Fan Speed Set
	Net ID	PassWord	XXX	Service PIN **050**
			NOTE: PassWord must be entered in order to set fixture IP Address and Universe
		DeviceIP	XXX.XXX.XXX.XXX.	Enter Fixture's IP Address
		Universe	**000**-255	Enter Universe Number
	Protocol	**ArtNet**, KlingNet		Set Network Protocol
	Net	**ON** / OFF		Activate NET OUT Port.
	LCD. Set	Backligh	02~60m **05m**	LCD Backlight Shut Off Time
		FlipDisp	ON / **OFF**	Flip/Reverse LCD Display 180º
		Key Lock	ON / **OFF**	Control Front Panel Buttons Key Lock
		Flash	**ON** / OFF	Display flashes when NO DMX
	Temp. C/F	**F**/C		Temperature Switch Between F°/ C°
	Dim Curve	**Standard**, Stage, TV, Architec, Theatre		Set Dimmer Curve Mode
	Disp. Set	ADDR	XXX	DMX Address Displayed
		Disp.CH		Value of each Channel Displayed
		Slave	**Slave 1**, Slave 2, Slave 3	Set Slave Mode Preset
		Auto.Pro	**Alone**, Master	Set Auto Program Mode
	Gamma	**2.0**, 2.2, 2.4, 2.8		Set Gamma Brightness
	Frequen	**900**/1000/1100/1200/1300/1400/1500/2500 4000/5000/10K/15K/20K/25K		Set Refresh Rate Frequency
	DFSE	ON / **OFF**		Restore Factory Settings
Info	Time. Info	Current	XXXX (Hours)	Fixture Run Time From Power ON
		Total	XXXX (Hours)	Fixture Total Run Time
		Last	XXXX (Hours)	Fixture Last Run Time
		PassWord	PIN= **050**	Enter PIN to Access Clear Last. Menu
		Clear	ON / **OFF**	Reset Fixture Last Run Time
	Temp. Info	LED Temp.	XXX **F**° / C°	Temperature in Fixture Head
	Error Info	Error Record 1 ~ Error Record 10		Display 10 Recent Error Messages
	Model. Info	Chorus 8		Display Model Name
	Software Version	1U01:	≥V1.02	Software Version
		2U01:	≥V1.02	
		3U01:	≥V1.02	
		4U01:	≥V1.02	
		5U01:	≥V1.02	
Test	Reset. M	Tilt, Zoom		Reset of Tilt and Zoom Motors
	Test. Chan	Tilt ...		Test Functions
	ManCtrl	Tilt=XXX		Manual Control
	Calibrate	Password	Password= **050**	Calibration of Motors and LEDs

DIMMING CURVES

The **DimCurve** menu allows you to select one of the following preset dimming curves:
Standard, Stage, TV, Architec, or **Theatre**. (See diagram below for more details)
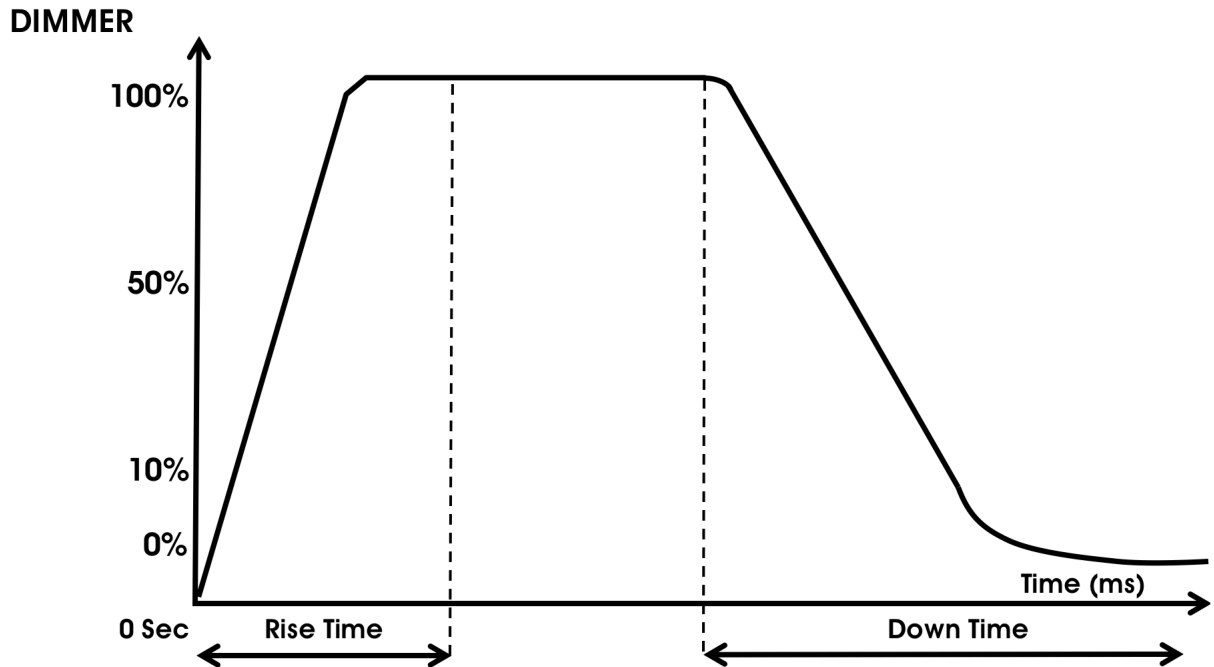
Dimming Curve Ramp Effect	0 sec Fade Time		1 sec Fade Time	
	Rise Time (ms)	Down Time (ms)	Rise Time (ms)	Down Time (ms)
Standard (default)	0	0	0	0
Stage	780	1100	1540	1660
TV	1180	1520	1860	1940
Architectural	1380	1730	2040	2120
Theatre	1580	1940	2230	2280

DMX CHANNEL FUNCTIONS AND VALUES

MODE / CHANNEL			VALUE	FUNCTION
Supports Software Versions: ≥ 1.02				
Features are subject to change without any prior written notice.				
*Direction of effects and Pixel Control depends on orientation of the fixture head and Tilt/Pixel Flip settings.				
BASIC CH: 16	**STANDARD CH: 18**	**EXTEND CH: 46**		
1	1	1	0-255	TILT MOVEMENT [8 BIT] TILT Movement
	2	2	0-255	TILT MOVEMENT [16 BIT] Fine Control of TILT Movement
2	3		0-255	RED [ALL LEDs] 0 to 100%
3	4		0-255	GREEN [ALL LEDs] 0 to 100%
4	5		0-255	BLUE [ALL LEDs] 0 to 100%
5	6		0-255	WHITE [ALL LEDs] 0 to 100%
		3	0-255	RED [PIXEL #1] 0 to 100%
		4	0-255	GREEN [PIXEL #1] 0 to 100%
		5	0-255	BLUE [PIXEL #1] 0 to 100%
		6	0-255	WHITE [PIXEL #1] 0 to 100%
		7	0-255	RED [PIXEL #2] 0 to 100%
		8	0-255	GREEN [PIXEL #2] 0 to 100%
		9	0-255	BLUE [PIXEL #2] 0 to 100%
		10	0-255	WHITE [PIXEL #2] 0 to 100%
		11	0-255	RED [PIXEL #3] 0 to 100%
		12	0-255	GREEN [PIXEL #3] 0 to 100%
		13	0-255	BLUE [PIXEL #3] 0 to 100%
		14	0-255	WHITE [PIXEL #3] 0 to 100%
		15	0-255	RED [PIXEL #4] 0 to 100%
		16	0-255	GREEN [PIXEL #4] 0 to 100%
		17	0-255	BLUE [PIXEL #4] 0 to 100%
		18	0-255	WHITE [PIXEL #4] 0 to 100%

BASIC CH: 16	STANDARD CH: 18	EXTEND CH: 46	VALUE	FUNCTION
		19	0-255	RED [PIXEL #5] / 0 to 100%
		20	0-255	GREEN [PIXEL #5] / 0 to 100%
		21	0-255	BLUE [PIXEL #5] / 0 to 100%
		22	0-255	WHITE [PIXEL #5] / 0 to 100%
		23	0-255	RED [PIXEL #6] / 0 to 100%
		24	0-255	GREEN [PIXEL #6] / 0 to 100%
		25	0-255	BLUE [PIXEL #6] / 0 to 100%
		26	0-255	WHITE [PIXEL #6] / 0 to 100%
		27	0-255	RED [PIXEL #7] / 0 to 100%
		28	0-255	GREEN [PIXEL #7] / 0 to 100%
		29	0-255	BLUE [PIXEL #7] / 0 to 100%
		30	0-255	WHITE [PIXEL #7] / 0 to 100%
		31	0-255	RED [PIXEL #8] / 0 to 100%
		32	0-255	GREEN [PIXEL #8] / 0 to 100%
		33	0-255	BLUE [PIXEL #8] / 0 to 100%
		34	0-255	WHITE [PIXEL #8] / 0 to 100%
	7	35	8-255	COLOR TEMP / 2,700K -7,000K

Supports Software Versions: ≥ 1.02
Features are subject to change without any prior written notice.
*Direction of effects and Pixel Control depends on orientation of the fixture head and Tilt/Pixel Flip settings.

Supports Software Versions: ≥ 1.02				
Features are subject to change without any prior written notice. *Direction of effects and Pixel Control depends on orientation of the fixture head and Tilt/Pixel Flip settings.				
MODE / CHANNEL			VALUE	FUNCTION
BASIC CH: 16	STANDARD CH: 18	EXTEND CH: 46		
6	8	36		COLOR PRESETS
			0	OFF
			1-4	COLOR PRESET 01
			5-8	COLOR PRESET 02
			9-12	COLOR PRESET 03
			13-16	COLOR PRESET 04
			17-20	COLOR PRESET 05
			21-24	COLOR PRESET 06
			25-28	COLOR PRESET 07
			29-32	COLOR PRESET 08
			33-36	COLOR PRESET 09
			37-40	COLOR PRESET 10
			41-44	COLOR PRESET 11
			45-48	COLOR PRESET 12
			49-52	COLOR PRESET 13
			53-56	COLOR PRESET 14
			57-60	COLOR PRESET 15
			61-64	COLOR PRESET 16
			65-68	COLOR PRESET 17
			69-72	COLOR PRESET 18
			73-76	COLOR PRESET 19
			77-80	COLOR PRESET 20
			81-84	COLOR PRESET 21
			85-88	COLOR PRESET 22
			89-92	COLOR PRESET 23
			93-96	COLOR PRESET 24
			97-100	COLOR PRESET 25
			101-104	COLOR PRESET 26
			105-108	COLOR PRESET 27
			109-112	COLOR PRESET 28
			113-116	COLOR PRESET 29
			117-120	COLOR PRESET 30
			121-124	COLOR PRESET 31
			125-128	COLOR PRESET 32

| MODE / CHANNEL			VALUE	FUNCTION
BASIC CH: 16	**STANDARD CH: 18**	**EXTEND CH: 46**		

Supports Software Versions: ≥ 1.02

Features are subject to change without any prior written notice.
*Direction of effects and Pixel Control depends on orientation of the fixture head and Tilt/Pixel Flip settings.

BASIC CH: 16	STANDARD CH: 18	EXTEND CH: 46	VALUE	FUNCTION
				COLOR PRESETS [continued]
			129-132	COLOR PRESET 33
			133-136	COLOR PRESET 34
			137-140	COLOR PRESET 35
			141-144	COLOR PRESET 36
			145-148	COLOR PRESET 37
			149-152	COLOR PRESET 38
			153-156	COLOR PRESET 39
			157-160	COLOR PRESET 40
			161-164	COLOR PRESET 41
			165-168	COLOR PRESET 42
			169-172	COLOR PRESET 43
			173-176	COLOR PRESET 44
			177-180	COLOR PRESET 45
			181-184	COLOR PRESET 46
			185-188	COLOR PRESET 47
6	8	36	189-192	COLOR PRESET 48
			193-196	COLOR PRESET 49
			197-200	COLOR PRESET 50
			201-204	COLOR PRESET 51
			205-208	COLOR PRESET 52
			209-212	COLOR PRESET 53
			213-216	COLOR PRESET 54
			217-220	COLOR PRESET 55
			221-224	COLOR PRESET 56
			225-228	COLOR PRESET 57
			229-232	COLOR PRESET 58
			233-236	COLOR PRESET 59
			237-240	COLOR PRESET 60
			241-244	COLOR PRESET 61
			245-248	COLOR PRESET 62
			249-252	COLOR PRESET 63
			253-255	COLOR PRESET 64
				SHUTTER / STROBE
			0-31	LED OFF
			32-63	LED ON
			64-95	Strobe Effect SLOW to FAST
7	9	37	96-127	LED ON
			128-159	Pulse Effect in Sequences
			160-191	LED ON
			192-223	Random Strobe Effect SLOW to FAST
			224-255	LED ON

MODE / CHANNEL			VALUE	FUNCTION
BASIC CH: 16	**STANDARD CH: 18**	**EXTEND CH: 46**		

<table>
<tr><td colspan="5" align="center">Supports Software Versions: ≥ 1.02
Features are subject to change without any prior written notice.
<i>*Direction of effects and Pixel Control depends on orientation of the fixture head and Tilt/Pixel Flip settings.</i></td></tr>
<tr><th colspan="3">MODE / CHANNEL</th><th rowspan="2">VALUE</th><th rowspan="2">FUNCTION</th></tr>
<tr><th>BASIC
CH: 16</th><th>STANDARD
CH: 18</th><th>EXTEND
CH: 46</th></tr>
<tr><td>8</td><td>10</td><td>38</td><td>0-255</td><td>DIMMER INTENSITY
Dimmer 0 to 100%</td></tr>
<tr><td>9</td><td>11</td><td>39</td><td>0-255</td><td>DIMMER INTENSITY FINE
Dimmer FINE Adjustment</td></tr>
<tr><td>10</td><td>12</td><td>40</td><td>0-255</td><td>ZOOM
Zoom 0% (7 Degrees) to 100% (42 Degrees)</td></tr>
<tr><td rowspan="18">11</td><td rowspan="18">13</td><td rowspan="18">41</td><td></td><td>PROGRAM MACROS
NOTE: Color Must Be Selected To Engage Macros.</td></tr>
<tr><td>0</td><td>LEDs ON</td></tr>
<tr><td>1-14</td><td>LEDs OFF</td></tr>
<tr><td>15-30</td><td>PROGRAM MACRO 01</td></tr>
<tr><td>31-46</td><td>PROGRAM MACRO 02</td></tr>
<tr><td>47-62</td><td>PROGRAM MACRO 03</td></tr>
<tr><td>63-78</td><td>PROGRAM MACRO 04</td></tr>
<tr><td>79-94</td><td>PROGRAM MACRO 05</td></tr>
<tr><td>95-110</td><td>PROGRAM MACRO 06</td></tr>
<tr><td>111-126</td><td>PROGRAM MACRO 07</td></tr>
<tr><td>127-142</td><td>PROGRAM MACRO 08</td></tr>
<tr><td>143-158</td><td>PROGRAM MACRO 09</td></tr>
<tr><td>159-174</td><td>PROGRAM MACRO 10</td></tr>
<tr><td>175-190</td><td>PROGRAM MACRO 11</td></tr>
<tr><td>191-206</td><td>PROGRAM MACRO 12</td></tr>
<tr><td>207-222</td><td>PROGRAM MACRO 13</td></tr>
<tr><td>223-238</td><td>PROGRAM MACRO 14</td></tr>
<tr><td>239-255</td><td>PROGRAM MACRO 15</td></tr>
<tr><td>12</td><td>14</td><td>42</td><td>0-255</td><td>PROGRAM MACRO SPEED
SLOW to FAST Speed</td></tr>
<tr><td rowspan="3">13</td><td rowspan="3">15</td><td rowspan="3">43</td><td></td><td>PROGRAM MACRO FADE</td></tr>
<tr><td>0</td><td>OFF</td></tr>
<tr><td>1-255</td><td>LESS to MORE FADE</td></tr>
<tr><td rowspan="7">14</td><td rowspan="7">16</td><td rowspan="7">44</td><td></td><td>DIMMING CURVE MODES</td></tr>
<tr><td>0-20</td><td>STANDARD</td></tr>
<tr><td>21-40</td><td>STAGE</td></tr>
<tr><td>41-60</td><td>TV</td></tr>
<tr><td>61-80</td><td>ARCHITECTURAL</td></tr>
<tr><td>81-100</td><td>THEATRE</td></tr>
<tr><td>101-255</td><td>Default to Unit Setting</td></tr>
<tr><td rowspan="4">15</td><td rowspan="4">17</td><td rowspan="4">45</td><td></td><td>TILT MOVEMENT SPEED</td></tr>
<tr><td>0-225</td><td>MAX to MIN SPEED</td></tr>
<tr><td>226-235</td><td>Blackout By Movement</td></tr>
<tr><td>236-255</td><td>NO FUNCTION</td></tr>
<tr><td rowspan="12">16</td><td rowspan="12">18</td><td rowspan="12">46</td><td></td><td>LAMP ON/OFF, RESET, INTERNAL PROGRAMS</td></tr>
<tr><td>0-79</td><td>Normal</td></tr>
<tr><td>80-84</td><td>ALL Motor Reset</td></tr>
<tr><td>85-99</td><td>NO FUNCTION</td></tr>
<tr><td>100-119</td><td>Internal Program 1 (scene1~8)</td></tr>
<tr><td>120-139</td><td>Internal Program 2 (scene9~16)</td></tr>
<tr><td>140-159</td><td>Internal Program 3 (scene17~24)</td></tr>
<tr><td>160-179</td><td>Internal Program 4 (scene25~32)</td></tr>
<tr><td>180-199</td><td>Internal Program 5 (scene33~40)</td></tr>
<tr><td>200-219</td><td>Internal Program 6 (scene41~48)</td></tr>
<tr><td>220-239</td><td>Internal Program 7 (scene49~56)</td></tr>
<tr><td>240-255</td><td>NO FUNCTION</td></tr>
</table>

PIXEL CONTROL

The fixture features pixel control in Extended DMX channel mode.

See diagram below, which illustrates the specific pixel mapping order.
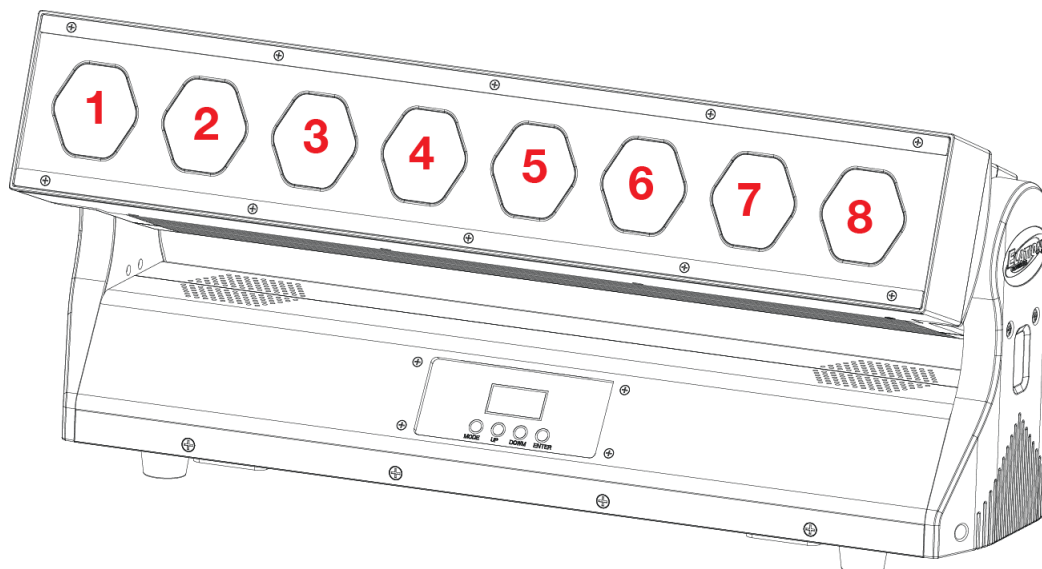
CLEANING AND MAINTENANCE

C A U T I O N

Disconnect power before cleaning or maintenance.

CLEANING

Frequent cleaning is recommended to insure proper function, optimized light output, and an extended life. The frequency of cleaning depends on the environment in which the fixture operates: damp, smoky or particularly dirty environments can cause greater accumulation of dirt on the fixture's optics.

• Clean the external lens surface 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 insure proper function and extended life. There are no user serviceable parts inside this fixture, please refer all other service issues to an authorized Elation service technician. Should you need any spare parts, please order genuine parts from your local Elation dealer.

Please refer to the following points during routine inspections:

• A detailed electric check 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. Lose screws may fall out during normal operation resulting in damage or injury as larger parts could fall.

• Check for any deformations on the housing, color lenses, rigging hardware and rigging points (ceiling, suspension, trussing). Deformations in the housing could allow for dust to enter into the fixture. Damaged rigging points or unsecured rigging could cause the fixture to fall and seriously injure a person(s).

• Electric power supply cables must not show any damage, material fatigue or sediments. Never remove the ground prong from the power cable.

TECHNICAL SPECIFICATIONS

SOURCE
(8) 40W 4-in-1 RGBW 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.

EFFECTS
Motorized 4° to 40° Zoom and 220° Tilt
RGBW Color Mixing and Full Pixel Control
Linear Color Temperature (2,700K - 7,000K)
64 Color Presets and 14 Unique Color Macros
Electronic Strobe and Selectable Dimming Curve Modes

COLOR
RGBW

CONTROL / CONNECTIONS
3 DMX Channel Modes (78 total channels)
DMX, RDM, Kling-Net, and Art-Net Protocol Support
Adjustable Refresh Rate (900-25,000 Hz)
Adjustable Gamma Brightness (2.0, 2.2, 2.4, 2.8)
4 Button Touch Control Panel
180° Reversible LCD Menu Display
8 / 16-Bit Resolution Zoom and Tilt Movement
5pin DMX In/Out
RJ45 EtherCON In/Out
powerCON Power In/Out

SIZE / WEIGHT
Length: 21.28" (540.5mm)
Width: 7.44" (189mm)
Vertical Height: 11.46" (291mm)
Weight: 25.0 lbs. (11.3 kg)

ELECTRICAL / THERMAL
AC 100-250V - 50/60Hz
359W Max Power Consumption
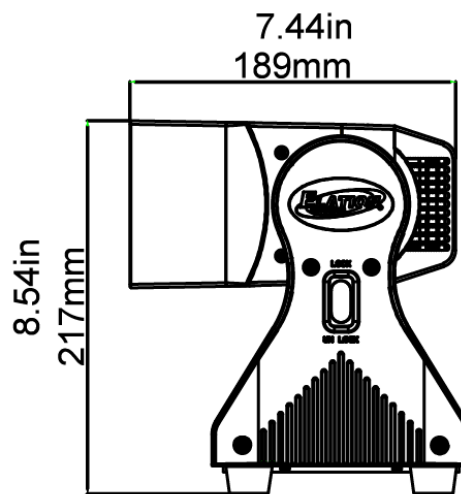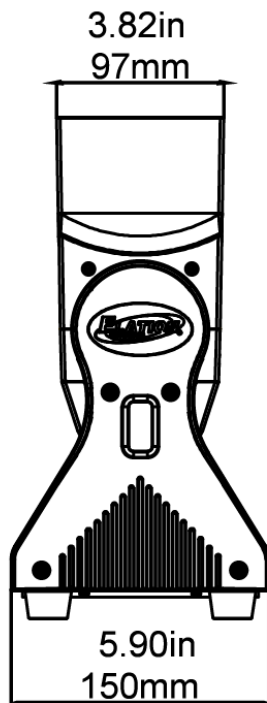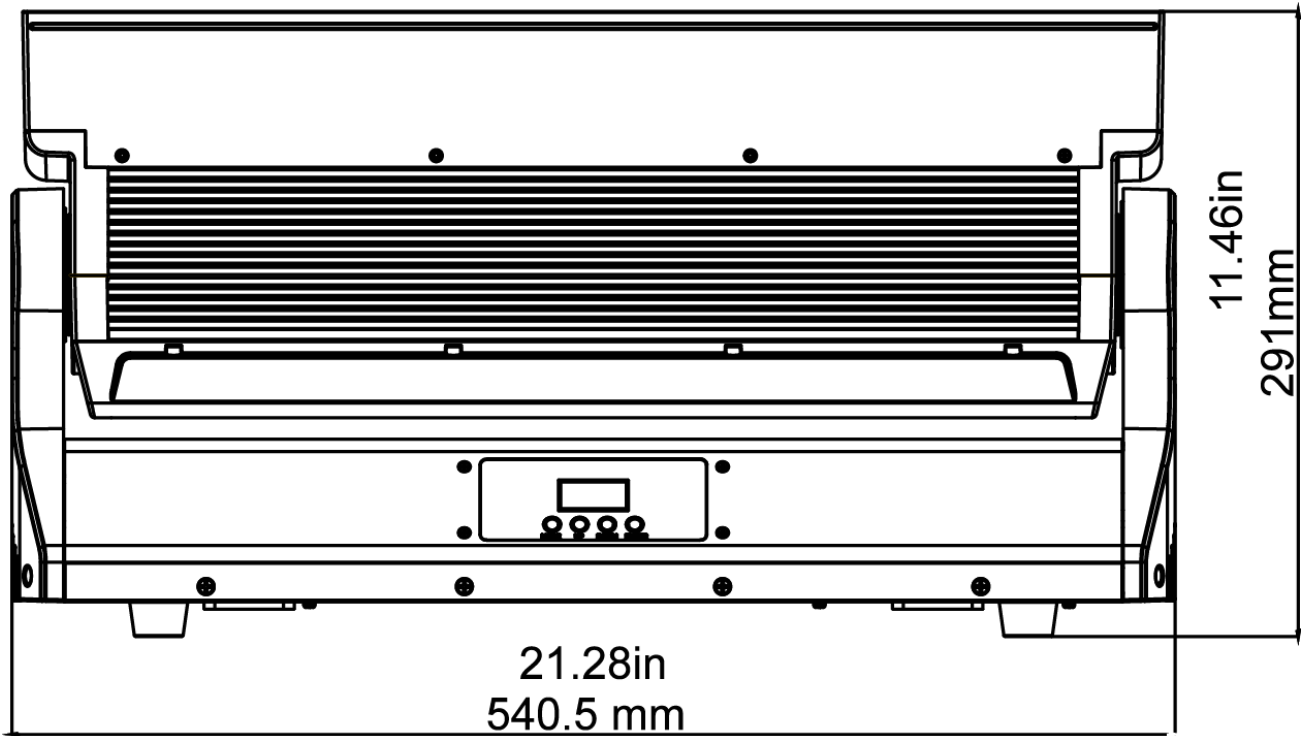5°F to 113°F (-15°C to 45°C)

APPROVALS / RATINGS

CE | IP30

ETL
c   us
Intertek
4010765

Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

DIMENSIONAL DRAWINGS

11.46in
291mm

21.28in
540.5 mm

3.82in
97mm

7.44in
189mm

8.54in
217mm

5.90in
150mm

Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

OPTIONAL ACCESSORIES

ORDER CODE	ITEM
DRCCL8	6-Pack Road Case for Chorus Line 8
NARROW CLAMP	Heavy Duty Wrap Around Hook Style Clamp
SCABLE 60	60 lbs. Rating 24 Inch Safety Cable
AC5PDMX5PRO	5 ft. (1.5m) 5pin PRO DMX Cable
PLC3	3 ft. (1m) PowerCON PRO Link Cable
	Additional Cable Lengths Available