ELATION
PROFESSIONAL

PLATINUM HFX™

user manual

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DOCUMENT VERSION

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

Date	Document Version	Software Version ≥	DMX Channel Modes	Notes
12/1/15	1	1U01:1.3.1 2U01:1.3.1 3U01:1.3.1 4U01:1.3.1	17 / 19 / 26	Updated with new installation warning regarding min distance to objects/surfaces and max external surface temperature.
07/24/16	2	1U01:1.3.3 2U01:1.3.3 3U01:1.3.3 4U01:1.3.3	17 / 19 / 26	Updated 14R lamp life from 1,500 to 2,000 hours, updated Error Code section, added ETL control # and Art-Net network switch note.
01/27/17	3	1U01:1.3.5 2U01:1.3.5 3U01:1.3.5 4U01:1.3.5	17 / 19 / 26	Added sACN support.

CONTENTS

GENERAL INFORMATION

INTRODUCTION

Congratulations, you have just purchased one of the most innovative and reliable lighting fixtures on the market today! 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) 5pin DMX Cable
- (1) powerCON Cable
- (1) Safety 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

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E-mail: support@elationlighting.eu

WARRANTY REGISTRATION

Please complete and mail in the enclosed warranty card or register online: http://www.elationlighting.com/Login.aspx to validate your purchase. 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.

⚠️ **IMPORTANT NOTICE!**

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

This fixture is an extremely sophisticated piece of electronic equipment. To guarantee a smooth operation, it is important to follow the guidelines in this manual. The manufacturer of this device will not accept responsibility for damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual.

This device falls under **PROTECTION CLASS 1**. It's essential this device be grounded properly. Only qualified personnel should perform all electrical connections.

INDOORS USE ONLY!
DO NOT EXPOSE FIXTURE RAIN AND MOISTURE!

UNPLUG POWER BEFORE SERVICING FIXTURE!
DO NOT PLUG FIXTURE INTO A DIMMER PACK!
NEVER TOUCH FIXTURE DURING OPERATION, AS IT MAY BE HOT!
MAXIMUM TEMPERATURE OF EXTERNAL SURFACE 212° F (100°C)

NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE!
SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!

- For proper operation, follow the **Installation** guidelines described in this manual. Only qualified and certified personnel should perform installation of this fixture and only the original rigging parts (brackets) included with this fixture should be used for installation. Any modifications will void the original manufactures warranty and increase the risk of damage and/or personal injury.

- Never look directly into the light source of this fixture to prevent risk of injury to your retina, which may induce blindness. Those suffering from **EPILEPSY** should avoid looking directly into the light source of this unit at all times.

- The fan and air inlets must remain clean and never blocked. Allow approx. 6" (15cm) between this fixture and other devices or a wall for proper cooling.

- Always disconnect 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.

- Do not operate this 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.

G E N E R A L   G U I D E L I N E S

- ## N E V E R   O P E N   T H I S   F I X T U R E   W H I L E   I N   U S E !

- 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.

- This is a professional lighting fixture designed for **INDOOR / DRY LOCATIONS ONLY** on stage, in nightclubs, theatres, etc.

- Please make sure there are **NO FLAMMABLE MATERIALS** close to the fixture while operating, to prevent any fire hazard.

- The fixture must be installed in a location with adequate ventilation. Be sure no air ventilation slots are blocked.

- **DO NOT** attempt installation and/or operation without knowledge how to do so.

- **DO NOT** permit operation by persons who are not qualified to operate this type of fixture. Most damages are the result of operations by nonprofessionals.

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

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

- Always install the fixture with an appropriate safety cable. When installing the fixture in a suspended environment, always use mounting hardware that is no less than M10 x 25 mm, also be sure the hardware is insert in the pre-arranged screw holes in the bracket of the fixture.

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

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

DISCHARGE LAMP WARNING
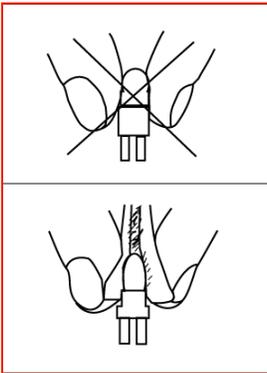
This fixture is fitted with a **DISCHARGE LAMP**, which is highly susceptible to damage if improperly handled. **NEVER** touch the lamp with your bare hands, as the oil from your hands will shorten the life of the lamp. Also, **NEVER** move the fixture until the lamp has had ample time to cool. Lamps are **NOT** covered under warranty conditions.

Avoid switching the fixture **ON** and **OFF** repeatedly in short intervals, as this will reduce lamp life and intensity. To achieve the intensity associated with discharge lamps, these lamps use gas sealed in a high-pressure environment to emit a brilliant output.

Due to the high pressure involved with the construction of the lamp, the lamp **MAY EXPLODE DURING PROLONGED EXTENSIVE USE**. This risk is increased with age; added care is encouraged when dealing with older lamps. Thus, the lamp must always be replaced at the end of their recommended duty cycle. Extreme caution should be used when operating this or any fixture fitted with a gas discharge lamp.

UV RADIATION NOTICE

This fixture emits intense UV radiation, which is harmful to the eyes and skin. The intense luminance of the lamp can cause severe damage to the retina. **NEVER** operate this fixture with **ANY** of the protective covers removed. These covers have been specially designed to shield against UV radiation.

LAMP REPLACEMENT

Please note that due to the nature of the Philips™ Platinum 14R Lamp and the optical path of the fixture, the lamp **MUST BE** replaced at 2,000 hours.

Use only Genuine Original Philips™ Platinum 14R Lamps. Other brand lamps may cause damage and void warranty!

FIXTURE OVERVIEW

1. Lens

2. Control Panel

3. LCD Menu Function Display

4. LEFT Button

5. DOWN Button

6. ENTER Button

7. RIGHT Button

8. MODE/ESC Button

9. UP Button

10. Carrying Handle(s)

11. Lamp Access/Cover Panel

12. RJ45 Input

13. RJ45 Output

14. 5pin DMX Input

15. 5pin DMX Output

16. powerCON Output

17. powerCON Input

18. Fuse

LAMP INSTALLATION

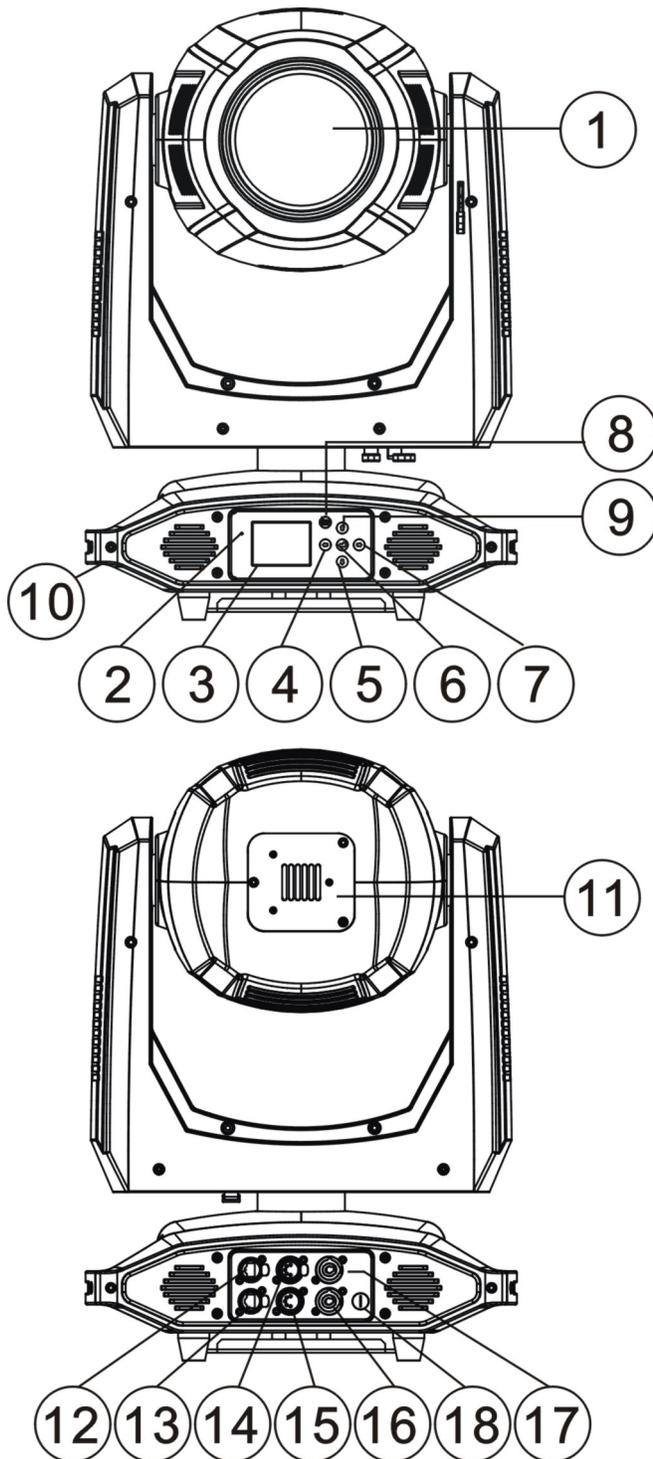> ## LAMP REPLACEMENT
>
> **Please note that due to the nature of the Philips™ Platinum 14R Lamp and the optical path of the fixture, the lamp MUST BE replaced at 2,000 hours.**
>
> **Use only Genuine Original Philips™ Platinum 14R Lamps. Other brand lamps may cause damage and void warranty!**

INSTALLING OR REPLACING THE LAMP

To ensure a proper/safe lamp change, carefully read all the following instructions.

LAMP PROTECTION CIRCUITRY

Because of the nature of the extreme heat associated with the **Philips™ Platinum 14 R** lamp and the tight nature of the internal optical system, it is **IMPERATIVE** that the lamp be replaced every **2,000 Hours**. This is done to protect the internal optical system as well as prevent accidental lamp explosion, which could lead to hot glass particles falling from the fixture.

FAILURE TO CHANGE THE LAMP WITHIN 300 HOUR of the 2,000 HOUR RATED LIFE, WILL CAUSE THE FIXTURE TO AUTOMATICALLY SHUT DOWN!

At **2,000 Hours** the LCD control display will begin to flash, **"Replace The Lamp"** and the lamp will flicker for the first five minutes of operation. At this point the lamp has reached the maximum rated life and should be replaced immediately. After the lamp has flickered for about five minutes it should strike normally allowing the fixture to be used temporarily until a replacement lamp can be installed. The fixture will continue to operate for an additional 300 hours, however the **"Replace the Lamp"** warning will continue to flash in the display. Keep in mind that the flicker protection circuitry will only work for about 300 Hours (lamp clock life of 2,000-2,300 Hours).

After 2,300 Hours the fixture will no longer respond to DMX commands and immediately enter a hibernation mode that will electronically discontinue all fixture functionality with the exception of a few menu commands. The fixture will continue to enter hibernation mode until the lamp is replaced and the lamp clock has been reset. To replace the lamp follow the safety guidelines and procedures listed on the next page.

LAMP SAFETY INSTRUCTIONS

- **ALWAYS replace lamp every 2,000 Hours.**

- **Use only Genuine Original Philips™ Platinum 14R lamps.**

  Other brand lamps may cause damage and void the warranty!

- **NEVER touch the lamp with your bare hands!**

  Oil from your hands will shorten the life of the lamp.

- **Always disconnect the fixture's main power supply before replacing lamp.**

- **Allow fixture to cool for at least 10 minutes before attempting any type of service.**

- **Make sure ALL covers/panels are replaced/secured before operating the fixture to prevent any risk and/or damage to eye retina from UV Radiation exposure!**

LAMP INSTALLATION PROCEDURE
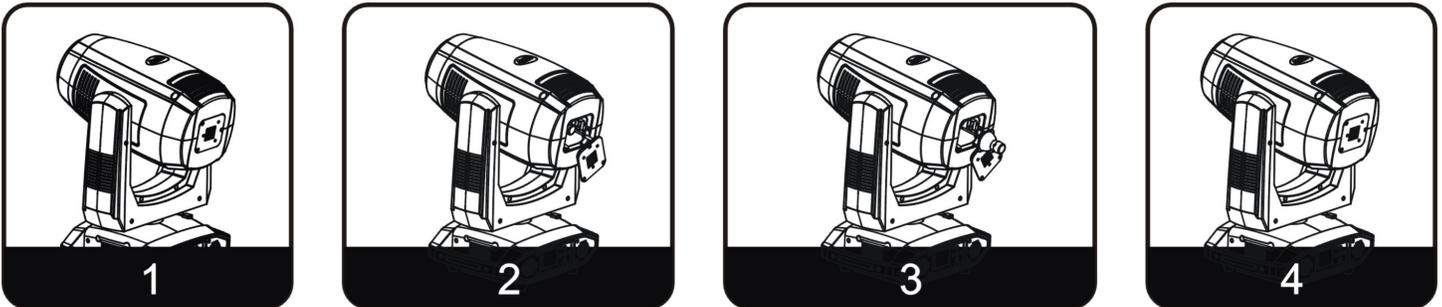
1. Place fixture on a flat surface and remove **(3)** screws marked **"A", "B",** and **"C"** and then remove lamp cover to access lamp. (See below)

LAMP INSTALLATION PROCEDURE - [continued]

2. Unlock retention clip and pull clip towards you away from the lamp. (See below)
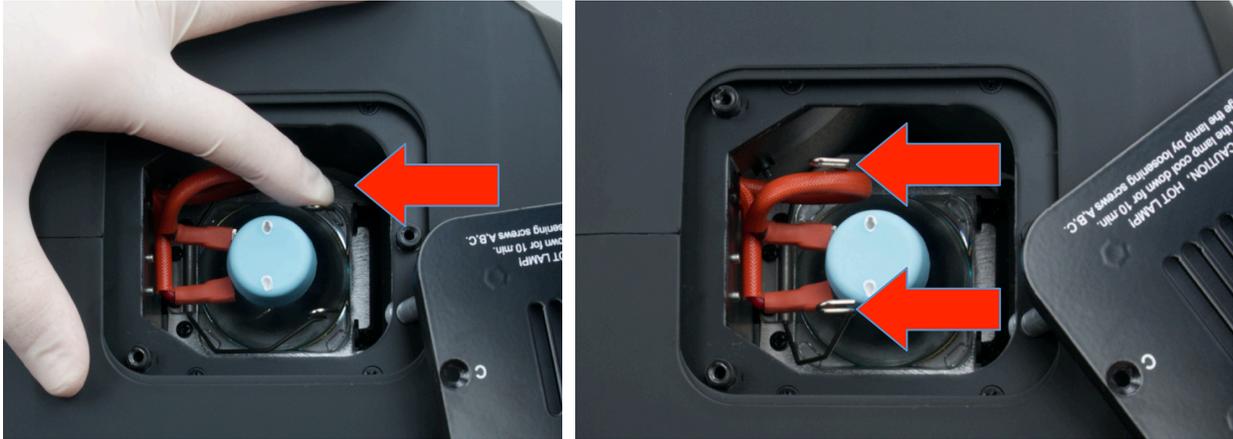
3. Gently grab lamp base with thumb and index finger and pull towards you. (See below)

4. Gently remove **(2) Wires** connected to spade terminals on lamp. (See below)

LAMP INSTALLATION PROCEDURE - [continued]

5. Gently pull lamp out towards you away from the fixture. (See below)

6. Using thumb and index finger, gently install new lamp into the fixture. (See below)

7. Gently attach **(2) Wires** to spade terminals on the base of the lamp. (See below)

LAMP INSTALLATION PROCEDURE - [continued]

8. Make sure both wires are securely attached to the lamp. (See below)

9. Install and position lamp so it is seated properly, then secure retention clip. (See below)
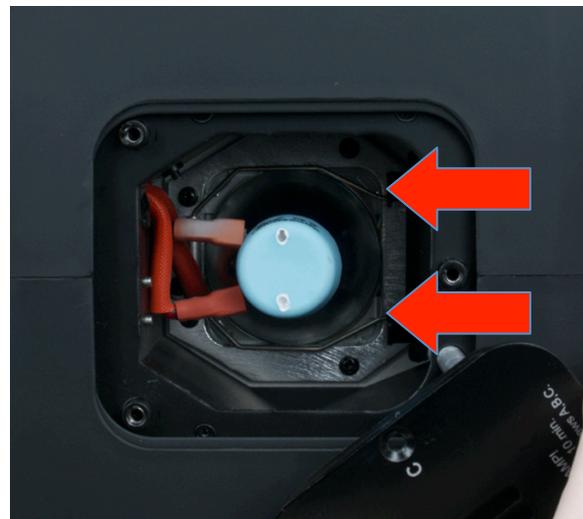
9. Replace lamp cover and secure **(3)** screws marked **"A", "B",** and **"C"**. (See below)

LAMP INSTALLATION PROCEDURE - [continued]

10. Be sure to reset the **LAMP HOURS** in the system menu to prevent the protection circuitry from accidently shutting off the lamp during normal operation.

11. If the lamp protection circuitry has already been initiated and the **LAMP HOURS** is not reset, the **"Replace the Lamp"** warning will continue to flash and fixture will eventually shut down. To reset **LAMP HOURS**, see instructions below.

LAMP HOURS RESET PROCEDURE

1. Activate the main menu by pressing **MODE/ESC** and toggle to **"Information"**.

2. Press **ENTER** and press **UP** or **DOWN** to toggle to **"Time Information"**.

3. Press **UP** or **DOWN** to toggle to **"LampTime Password"** and press **ENTER**. Then press **UP** or **DOWN** to enter the reset pass code, **"038"** and press **ENTER** to confirm. The display will automatically revert to **"LampTime Password"**, next press **UP** or **DOWN** to toggle down to **"Clean Lamp Time"**.

4. Press **ENTER** and select **"ON"**. The lamp timer has now been reset, press **MODE/ESC** to exit the menu and return to the home screen.

LAMP OPTIMIZATION

Unlike traditional discharge lamps the **Philips™ Platinum 14R Lamp** does **NOT** require optimization. The lamp orientation and optimization procedure has been preset during the manufacturing process of the lamp.

Please remember the **Philips™ Platinum 14R Lamp** is **NOT** a hot-restrike lamp therefore, you must wait approximately **10 minutes** before you can attempt to restrike the lamp once it has been turned off.

FIXTURE 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.**

⚠	**MINIMUM DISTANCE TO OJBECTS/SURFACES** **MUST BE 33 FEET (10 METERS)**

⚠	**MAXIMUM TEMPERATURE OF EXTERNAL SURFACE** **212° F (100°C)**

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 **14° to 113°F. (-10° 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.

MOUNTING POINTS

Overhead mounting requires extensive experience, including amongst others calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the device. 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.
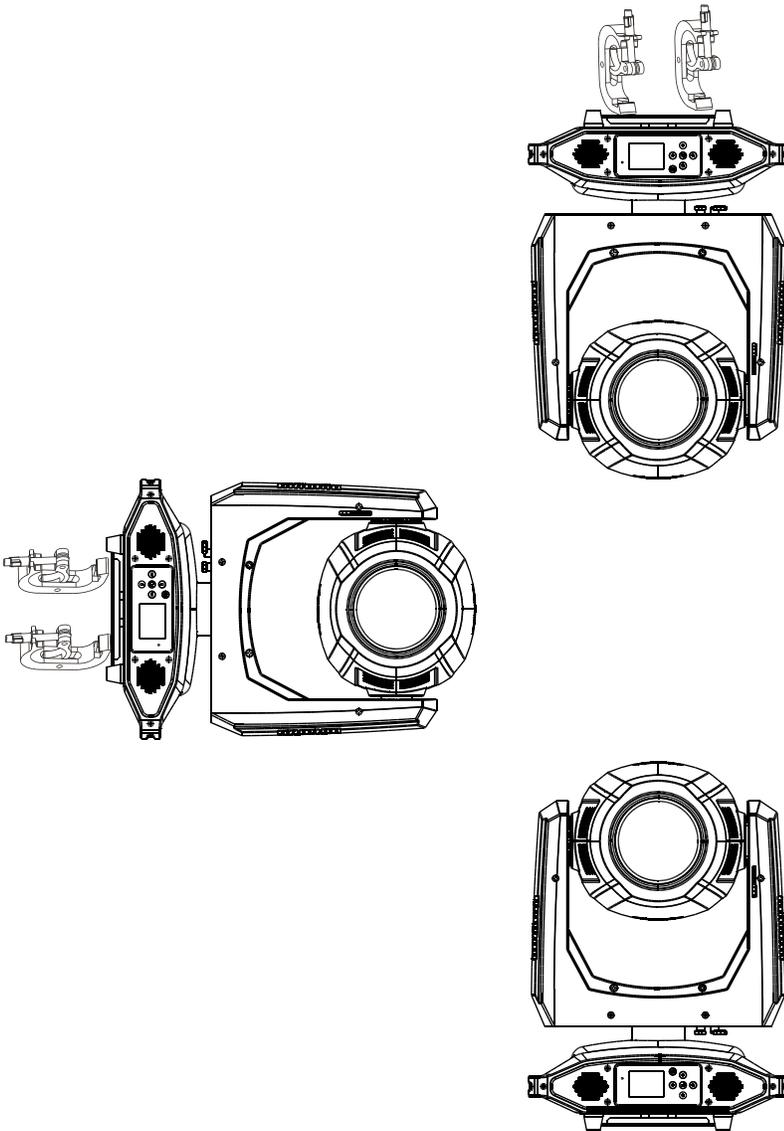
SAFETY CABLE

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

CLAMP MOUNTING

The fixture provides a unique mounting bracket assembly that integrates the bottom of the base, the included **Omega Brackets (x2)** and safety cable rigging point in one unit (see the illustration below). When mounting this fixture to truss be sure to secure an appropriately rated clamps to the included omega brackets using a M10 screw fitted through the center hole of the **Omega Bracket**. Be sure to attach an appropriate **Safety Cable** to the fixture using the safety cable rigging point integrated in the base assembly**.**

(1)Omega–holders
(2)Clamp
(3)Safety–rope
(4)Quick–lock fastener
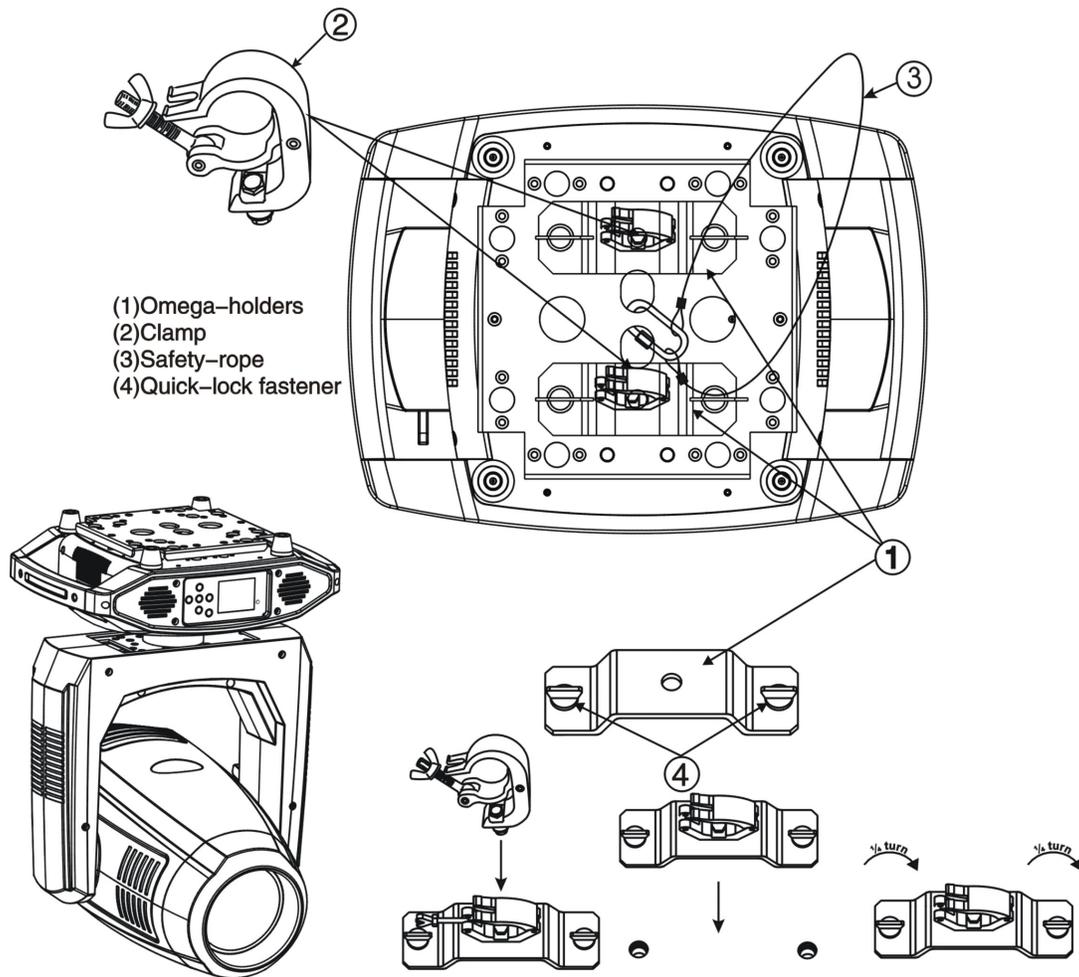
SECURING

Regardless of the rigging option you choose for your fixture always be sure to secure your fixture with a safety cable. The fixture provides a built-in rigging point for a safety cable on the hanging bracket as illustrated above. Be sure to only use the designated rigging point for the safety cable and never secure a safety cable to a carrying handle.

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

FIXTURE MENU

ON-BOARD SYSTEM MENU

The fixture comes with an easy to navigate system menu. The next section will detail the functions of each command in the system menu.

LCD MENU CONTROL PANEL

The control panel (see image below) located on back of the fixture allows you to access the main menu and make all necessary adjustments to the fixture. During normal operation, pressing **MODE/ESC** 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, DOWN, RIGHT,** and **LEFT** 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.

NOTE: To access the LCD Menu Control Display via the internal battery, press and hold the **MODE/ESC** button for 3 seconds. The LCD Menu Control Display will shut **OFF** automatically about 1 minute from the last button press.
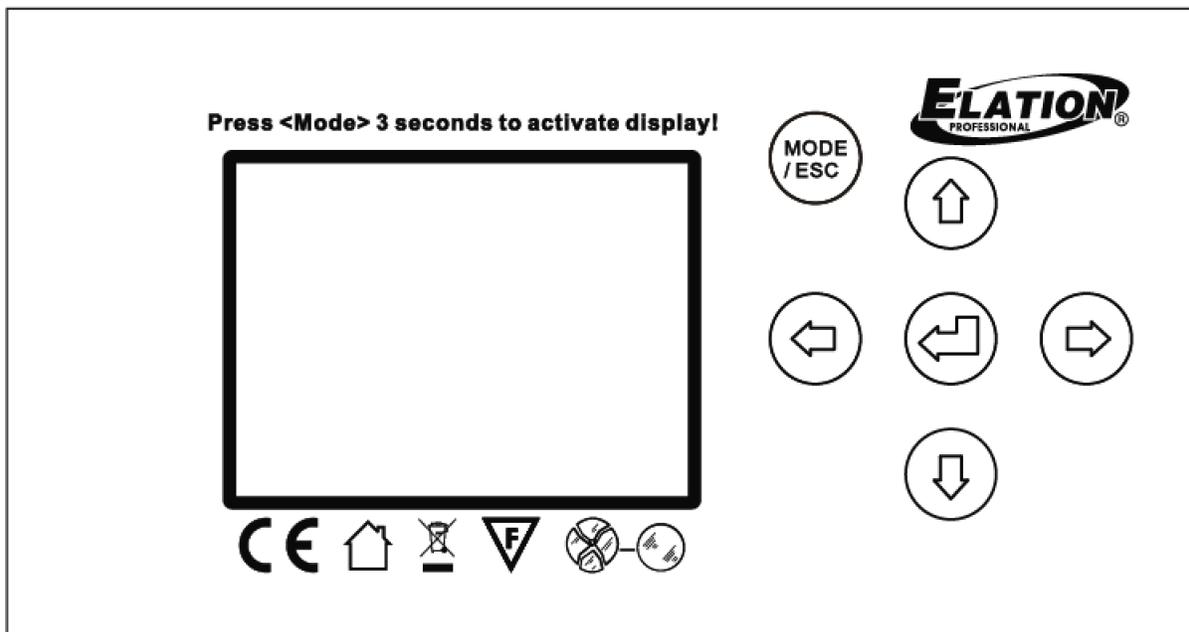
ELATION© PLATINUM HFX™ S Y S T E M M E N U			
Supports Software Versions: ≥ 1.3.5			
MAIN MENU	**SUB MENU**	**OPTIONS / VALUES** (Default Settings in **BOLD**)		**DESCRIPTION**
FUNCTION	Set DMX Address	A001~AXXX		DMX Address Setting
	DMX Value	ALL……		DMX Value Display
	Slave Mode	Slave1, Slave2, Slave3		Slave Setting
	Auto Program	Master / **Alone**		Auto Program
INFORMATION	Time Information	Current Time	XXXX (Hours)	Fixture Run Time From Power ON
		Total Run Time	XXXX (Hours)	Fixture Total Run Time
		Last Run Time	XXXX (Hours)	Clear Fixture Last Run Time
		Lamp Hours	XXXX (Hours)	Lamp Total Run Time
		Lamp Off Time	XXXX (Minutes)	Lamp OFF Time
		LastRun Password	Password=XXX	Password **038**
		Clean Last Run	ON / **OFF**	Reset Fixture Last Run Time
		LampTimePassword	Password=XXX	Password **038**
		Clean Lamp Time	ON / **OFF**	Reset Lamp Run Time
	Temperature Info	Head Temperature	XXX C° / **F** °	Temperature in Fixture Head
	Ethernet IP	XXX . XXX . XXX . XXX	XXX . XXX . XXX . XXX	IP Address
	Fan Info	1U FAN1:		
	Encode Info	PAN ENCODE:	TILT ENCODE:	
	Software Version	1U01: V1.3.0 ~ 6U:01: V1.3.0		Software Versions
	Error Info	Error Record 1 ~ Error Record 10		Pan….
LAMP CONTROL	Lamp ON/OFF	ON/**OFF**		Lamp ON/OFF
	Automatic ON	ON/**OFF**		Lamp ON/OFF when Power ON
	Lamp ON via DMX	**ON**/OFF		Lamp ON via DMX
	Lamp OFF via DMX	**ON**/OFF		Lamp OFF via DMX
	Max ON at Temp	20~79°C **(45°C)** / 68 ~ 174°F **(113°F)**		Lamp Restart at Temp
	Lamp OFF Temp	80~139°C **(130°C)** / 176 ~ 282°F **(266°F)**		Lamp OFF at Temp
PERSONALITY	Status Settings	Address via DMX	**ON**/OFF	Address Via DMX
		No DMX Status	Close/**Hold**/Auto	Auto Run If No DMX
		Pan Reverse	ON/**OFF**	Pan Reverse Movement
		Tilt Reverse	ON/**OFF**	Tilt Reverse Movement
		Pan Degree	630/**540**	Pan Degree Select
		Feedback	**ON**/OFF	Movement Feedback
		Movement Speed	Speed **1** ~ 4	Movement Speed Select
		Hibernation	OFF, 01M~99M, **15M**	Stand By Mode
	Service Setting	Password	Password=XXX	Service Password **050**
		RDM PID	**XXXXX**	RDM PID Code
		Ethernet IP	XXX . XXX . XXX . XXX	Ethernet IP
		Ethernet Mask IP	XXX . XXX . XXX . XXX	Ethernet Mask IP
		Clear Err. Info	ON/**OFF**	Clear Error Info
		DFLT Pow. LampOn	**ON**/OFF	Default Power Lamp ON
	Display Setting	Shutoff Time	02~60m **05m**	Display Shut Off Time
		Display Reverse	ON/**OFF**	Display Reverse 180°
		Key Lock	ON/**OFF**	Key Lock
	Temperature C/F	Celsius/**Fahrenheit**		Temperature Switch Between C° / F°
	Initial Status	PAN =XXX		Initial Effect Position
	Select Signal	**DMX Only**		DMX Only
		Art-Net on IP2		Select Art-Net IP02
		Art-Net on IP10		Select Art-Net IP010
		sACN		Select sACN **(versions ≥ 1.3.5)**
	Set Universe	000 - 255		Set Art-Net Universe
	Reset Default	ON/**OFF**	Password **011**	Restore Factory Settings

ELATION© PLATINUM FLX™ S Y S T E M M E N U			
Supports Software Versions: ≥ 1.3.5			
MAIN MENU	**SUB MENU**	**OPTIONS / VALUES** (Default Settings in **BOLD**)	**DESCRIPTION**
Reset Function	Reset All		Reset All Motors
	Reset Pan&Tilt		Reset Pan/Tilt
	Reset Colors		Reset Color Wheel
	Reset Gobos		Reset Gobos
	Reset Shutter		Reset Shutter and/or Dimmer
	Reset Others		Reset Other Motors
Effect Adjust	Test Channel	PAN ……		Test function
	Manual Control	PAN =XXX, ……		Fine Adjustments
	Calibration	Calibration Password		Password **050**
User Mode Set	User Mode	**Standard Mode**		DMX Channel Modes
		Basic Mode		
		Extended Mode		
		User Mode A		User Defined Channel Assignment
		User Mode B		
		User Mode C		
	Edit User Mode	Edit User Mode A	Max Channel = XX	Edits User Defined Channel Assignments
		Edit User Mode B		
		Edit User Mode C	PAN = CH01	
Edit Program	Select Program	Auto Pro Part1 = Program 1~10 **(Program 1)**		Select Programs To Be Run
		Auto Pro Part2 = Program 1~10 **(Program 2)**		
		Auto Pro Part3 = Program 1~10 **(Program 3)**		
	Edit Program	Program 1	Program Test	Testing Program
		:	Step 01=SCxxx	Program In Loop
		Program 10	Step 64=SCxxx	Save and Exit
	Edit Scenes	Scene 001 ~ Scene 250	Pan,Tilt,……	Save and Automatically Return
			--Fade Time-- --Scene Time--	Manual Scenes Edit
			Input By Outside	Stores Scenes via Ext DMX Console
	Rec. Controller	XX~XX		Automatic Scenes Recorder

FUNCTION - Auto Program

Define fixture mode **(Master or Alone)** for running Auto Programs. Select desired internal programs under **"Select Program"**, set the number of steps under **"Edit Program"**, and edit individual scenes under **"Edit Scenes"**.

LAMP CONTROL - Max ON at Temp

The fixture is designed to shut the lamp OFF when an excessive temperature is sensed inside the head by the on-board CPU. The lamp is shut OFF to prevent damage to the lamp and avoid possible internal damage to the fixture head. This function sets the MIN internal operating temperature of the fixture head before the lamp will restrike after the lamp has been automatically shut OFF.

LAMP CONTROL - <u>Lamp OFF Temp</u>

The fixture is designed to shut the lamp OFF when an excessive temperature is sensed inside the head by the on-board CPU. The lamp is shut OFF to prevent damage to the lamp and avoid possible internal damage to the fixture head. This function sets the MAX internal operating temperature of the fixture head when the lamp will automatically be shut OFF.

PERSONALITY - Status Settings - <u>Address Via DMX</u>

When ON, define the desired DMX address via an external controller.

1. Connect the fixture to the external controller and power ON.

2. Set the DMX value of **Channel 1** on the controller to **(7)**.

3. Set the DMX value of **Channel 2** on the controller to **(7)** or **(8)**.
   When set to **(7)**, the DMX address can be set between **(1)** and **(255)**.
   When set to **(8)**, the DMX address can be set between **(256)** and **(511)**.

4. Using **Channel 3** on the controller set the desired DMX address of the fixture.

   Example 1:
   If the desired DMX address is **57**, set **Channel 1** to a value of **(7)**, set **Channel 2** to a value of **(7)**, and then set **Channel 3** to a value of **(57)**.

   Example 2:
   If the desired DMX address is **420**, set **Channel 1** to a value of **(7)**, set **Channel 2** to a value of **(8)**, and then set **Channel 3** to a value of **(164)**. (256+164=420)

5. After setting **Channel 3** to the desired DMX address value, wait for approximately 20 seconds for the fixture to complete the address reset function.

PERSONALITY – Service Setting - <u>Password</u>

Service Password - **(050)**

☞ **NOTE**: The Service Password MUST be entered in order to access the following menus: **RDM PID, Ethernet IP, Ethernet IP Mask, Clear Err. Info**, and **DFLT Pow. LampOn**.

PERSONALITY – Service Setting - <u>RDM PID</u>

Select various submenus via RDM.

RDM stands for "Remote Device Management", which provides the ability to control the device remotely while connected to a DMX-bus. ANSI E1.20-2006 by ESTA specifies the RDM standard as an extension of the DMX512 protocol. Manual settings like adjusting the DMX starting address are no longer needed. This is especially useful when the device is installed in a remote area.

RDM ready and conventional DMX devices can be operated in one DMX line. The RDM protocol sends its own packages in the DMX512 data feed and does not influence conventional devices. If DMX splitters are used and RDM control is to be used, these splitters must support RDM. The number and type of RDM parameters depend on the RDM controller being used.

PERSONALITY - Display Setting – <u>Key Lock</u>

When ON, Control Panel buttons lock automatically after exiting main menu for 15 seconds. To unlock, keep **MODE/ESC** button pressed for 3 seconds.

EFFECT ADJUST – <u>Test Channel</u>

Select and auto test each individual channel function independently from the DMX control board.

EFFECT ADJUST – <u>Manual Control</u>

Select and manually test and fine adjust each individual channel function Independently from DMX control board. This function will center PAN and TILT motors and set dimmer to 100%. PAN and TILT functions will still operate if the fixture needs to be positioned to a flat clear surface. With the individual functions, you can focus the light on a flat surface (wall) and perform fine adjustments.

EFFECT ADJUST – <u>Calibration</u>

⚠ **ONLY QUALIFIED TECHNICIANS SHOULD PERFORM THIS FUNCTION.**

This function allows small adjustments to be made to the effect wheels (Color, Gobo, Shutter, etc.) to compensate for ware or in the event a sensor has been knocked slightly out of place. Because improper use of this function can result in undesired operation this function has been password protected. The password is **050** and must be entered each time the calibration menu function is entered. Because calibration is an extremely delicate procedure, instructions on performing this action are left out of this manual. For a first time calibrator, please contact our customer support team for step-by-step instructions.

USER MODE SET – <u>Edit User Mode</u>

Create user defined channel orders allowing the fixture to match the channel order of other fixtures on the market for easier operation. A total of three user modes may be configured: User Mode A, User Mode B, and User Mode C.

EDIT PROGRAM – <u>Rec. Controller</u>

The fixture features an integrated DMX-recorder by which you can transmit the programmed scenes from your DMX-controller to the moving head. Adjust the desired scene numbers via the encoder (from – to). When you call up the scenes at your controller, they will automatically be transmitted to the moving head.

EDIT PROGRAM – Record Controller – <u>Working With Built In Programs</u>

A Master unit can send up to 3 different data groups to the Slave units, i.e. a Master unit can start 3 different Slave units, which run 3 different programs. The Master unit sends the 3 program parts in a continuous loop.

Auto Pro Part 1	Auto Pro Part 2	Auto Pro Part 3	→	Auto Pro Part 1	Auto Pro Part 2	Auto Pro Part 3	→	Auto Pro Part 1	Auto Pro Part 2	Auto Pro Part 3
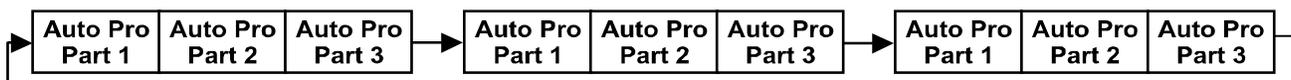
The Slave unit receives data from the Master unit according to the group which the Slave unit was assigned to. If e.g. a Slave unit is set to **"Slave 1"** in the menu **"Set to Slave"**, the Master unit sends **"Auto Program Part 1"** to the Slave unit.
If set to **"Slave 2"**, the Slave unit receives **"Auto Program Part 2"**.

To start an Auto Program proceed as follows:

1. Slave Setting

• Select **"Function Mode"**.

• Press **ENTER** to confirm.

• Select **"Set to Slave"**.

• Press **ENTER** to confirm.

• Select **"Slave 1", "Slave 2"** or **"Slave 3"**.

• Press **ENTER** to confirm.

• Press **MODE/ESC** in order to return to the main menu.

EDIT PROGRAM – Record Controller – <u>Working With Built-In Program [continued]</u>

2. Automatic Program Run

• Select **"Function Mode"**.

• Press **ENTER** to confirm.

• Select **"Auto Program"**.

• Press **ENTER** to confirm.

• Select **"Master"** or **"Alone"**.

• Press **ENTER** to confirm.

• Press **MODE/ESC** in order to return to the main menu.

3. Program Selection for Auto Pro Part

• Select **"Edit Program"**.

• Press **ENTER** to confirm.

• Select **"Select Programs"**.

• Press **ENTER** to confirm.

• Select **"Auto Pro Part 1"**, **"Auto Pro Part 2"** or **"Auto Pro Part 3"**, and select which Slave program is to be sent. Selection **"Part 1"** means, that the Slave unit runs the same program as the master units.

• Press **ENTER** to confirm.

• Press **MODE/ESC** in order to return to the main menu.

4. Program Selection for Edit Program

• Select "**Edit Program"**.

• Press **ENTER** to confirm.

• Select **"Edit Program"**.

• Press **ENTER** to confirm.

• Select the desired program. With this function you can edit specific scenes into a specific program.

• Press **ENTER** to confirm.

• Press **MODE/ESC** in order to return to the main menu.

EDIT PROGRAM – Record Controller – <u>Working With Built-In Program [continued]</u>

5. Automatic Scene Recording

• Select **"Edit Program"**.

• Press **ENTER** to confirm.

• Select **"Edit Scenes"**.

• Select desired scene numbers. A maximum of 250 scenes can be programmed.

• Press **ENTER** to confirm.

• Press **MODE/ESC** in order to return to the main menu.

Example:

Program 2 includes scenes: 10, 11, 12, & 13

Program 4 includes scenes: 8, 9, & 10

Program 6 includes scenes: 12, 13, 14, & 15

Auto Pro Part 1 is Program 2

Auto Pro Part 2 is Program 3

Auto Pro Part 3 is Program 6

The 3 Slave groups run the Auto Program in certain time segments, as shown in the following picture:

Part 1:

Scene 10	Scene 11	Scene 12	Scene 13

Part 2:

Scene 8	Scene 9	Scene 10	Scene 8

Part 3:

Scene 12	Scene 13	Scene 14	Scene 15
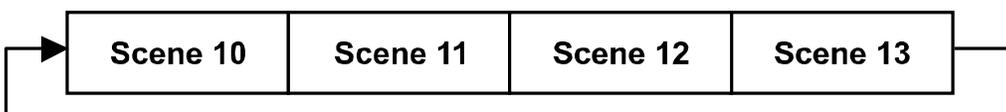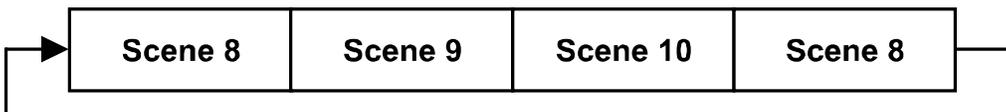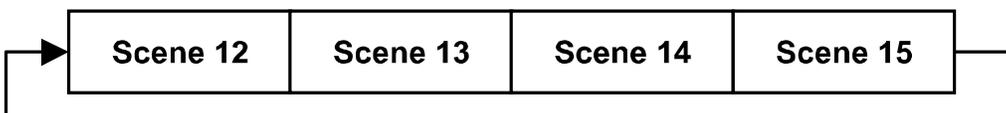
DMX CHANNEL FUNCTIONS AND VALUES

ELATION© PLATINUM HFX™
DMX Channel Values / Functions (26 DMX Channels)
Features are subject to change without any prior written notice.
*Rotation direction (Clockwise or Counterclockwise) of COLOR, GOBO, and PRISM effects depends on orientation of the fixture head.

MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
1	1	1		PAN MOVEMENT [8 BIT]
			0-255	PAN Movement
	2	2		PAN FINE MOVEMENT [16 BIT]
			0-255	Fine Control of PAN Movement
2	3	3		TILT MOVEMENT [8 BIT]
			0-255	TILT Movement
	4	4		TILT MOVEMENT [16 BIT]
			0-255	Fine Control of TILT Movement
3	5	5		COLOR WHEEL
			0-10	OPEN / WHITE
			11-19	RED
			20-28	BLUE
			29-37	GREEN
			38-46	YELLOW
			47-55	PINK
			56-64	ORANGE
			65-73	AQUA
			74-82	MAGENTA
			83-91	QUAD COLOR
			92-100	CYAN
			101-109	C T O
			110-118	C T B
			119-127	U V
			128-189	*Clockwise Color Wheel Rotation from FAST to SLOW
			190-193	NO Rotation
			194-255	*Counterclockwise Color Wheel Rotation from SLOW to FAST
		6		COLOR WHEEL FINE ADJUSTMENT
			0-255	FINE Adjustment of Color Wheel to Any Position

ELATION© PLATINUM HFX™ DMX Channel Values / Functions (26 DMX Channels)				
Features are subject to change without any prior written notice. *Rotation direction (Clockwise or Counterclockwise) of COLOR, GOBO, and PRISM effects depends on orientation of the fixture head.				
MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
4	6	7		ROTATING GOBOS, CONTINOUS ROTATION [GOBO WHEEL 1]
			0-11	BEAM OPEN
			12-21	SPOT OPEN
			22-31	Rotating Gobo 1
			32-41	Rotating Gobo 2
			42-51	Rotating Gobo 3
			52-61	Rotating Gobo 4
			62-71	Rotating Gobo 5
			72-81	Rotating Gobo 6
			82-91	Rotating Gobo 7
			92-101	Rotating Gobo 8
			102-112	Gobo 1 Shake SLOW to FAST
			113-123	Gobo 2 Shake SLOW to FAST
			124-134	Gobo 3 Shake SLOW to FAST
			135-145	Gobo 4 Shake SLOW to FAST
			146-156	Gobo 5 Shake SLOW to FAST
			157-167	Gobo 6 Shake SLOW to FAST
			168-178	Gobo 7 Shake SLOW to FAST
			179-189	Gobo 8 Shake SLOW to FAST
			190-223	*Clockwise Gobo Wheel Rotation from FAST to SLOW
			224-255	*Counterclockwise Gobo Wheel Rotation from SLOW to FAST
5	7	8		ROTATING GOBOS, INDEX ROTATION [GOBO WHEEL 1]
			0-127	ROTATING Gobo Indexing
			128-189	*Clockwise Gobo Rotation from FAST TO SLOW
			190-193	NO Rotation
			194-255	*Counterclockwise Gobo Rotation from SLOW to FAST
		9		ROTATING GOBOS, FINE GOBO INDEX ROTATION [GOBO WHEEL 1]
			0-255	ROTATING Gobo FINE Indexing

ELATION© PLATINUM HFX™ DMX Channel Values / Functions (26 DMX Channels)				
Features are subject to change without any prior written notice. *Rotation direction (Clockwise or Counterclockwise) of COLOR, GOBO, and PRISM effects depends on orientation of the fixture head.				
MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
				STATIC-STAMPED GOBOS [GOBO WHEEL 2]
			0-21	OPEN
			22-28	Static-Stamped Gobo 1
			29-35	Static-Stamped Gobo 2
			36-42	Static-Stamped Gobo 3
			43-49	Static-Stamped Gobo 4
			50-56	Static-Stamped Gobo 5
			57-63	Static-Stamped Gobo 6
			64-70	Static-Stamped Gobo 7
			71-77	Static-Stamped Gobo 8
			78-84	Static-Stamped Gobo 9
			85-91	Static-Stamped Gobo 10
			92-98	Static-Stamped Gobo 11
			99-105	Static-Stamped Gobo 12
6	8	10	106-112	Shake SLOW to FAST Static-Stamped Gobo 1
			113-119	Shake SLOW to FAST Static-Stamped Gobo 2
			120-126	Shake SLOW to FAST Static-Stamped Gobo 3
			127-133	Shake SLOW to FAST Static-Stamped Gobo 4
			134-140	Shake SLOW to FAST Static-Stamped Gobo 5
			141-147	Shake SLOW to FAST Static-Stamped Gobo 6
			148-154	Shake SLOW to FAST Static-Stamped Gobo 7
			155-161	Shake SLOW to FAST Static-Stamped Gobo 8
			162-168	Shake SLOW to FAST Static-Stamped Gobo 9
			169-175	Shake SLOW to FAST Static-Stamped Gobo 10
			176-182	Shake SLOW to FAST Static-Stamped Gobo 11
			183-189	Shake SLOW to FAST Static-Stamped Gobo 12
			190-221	*Clockwise Gobo Wheel Rotation from FAST to SLOW
			222-223	NO Rotation
			224-255	*Counterclockwise Gobo Wheel Rotation from SLOW to FAST
		11		STATIC-STAMPED GOBOS, FINE WHEEL INDEXING [GOBO WHEEL 2]
			0-255	STATIC-STAMPED Gobo FINE Indexing

ELATION© PLATINUM HFX™ DMX Channel Values / Functions (26 DMX Channels)				
Features are subject to change without any prior written notice. *Rotation direction (Clockwise or Counterclockwise) of COLOR, GOBO, and PRISM effects depends on orientation of the fixture head.				
MODE / CHANNEL			**VALUE**	**FUNCTION**
BASIC	**STAND**	**EXTEND**		
7	9	12		**8-FACET + LINEAR ROTATING, 10-FACET STATIC PRISMS / MACROS**
			0-31	OPEN
			32.-50	8-FACET Rotating Prism
			51-69	LINEAR Rotating Prism
			70-88	10-FACET Static Prism
			89-107	8-Facet + 10-FACET Prisms
			108-127	10-FACET + LINEAR Prisms
			128-135	Linear Prism / Gobo Macro 1
			136-143	Linear Prism / Gobo Macro 2
			144-151	Linear Prism / Gobo Macro 3
			152-159	Linear Prism / Gobo Macro 4
			160-167	Linear Prism / Gobo Macro 5
			168-175	Linear Prism / Gobo Macro 6
			176-183	Linear Prism / Gobo Macro 7
			184-191	Linear Prism / Gobo Macro 8
			192-199	Linear Prism / Gobo Macro 9
			200-207	Linear Prism / Gobo Macro 10
			208-215	Linear Prism / Gobo Macro 11
			216-223	Linear Prism / Gobo Macro 12
			224-231	Linear Prism / Gobo Macro 13
			232-239	Linear Prism / Gobo Macro 14
			240-247	Linear Prism / Gobo Macro 15
			248-255	Linear Prism / Gobo Macro 16
8	10	13		**8-FACET + LINEAR ROTATING PRISMS / INDEX ROTATION**
			0-127	Prism Indexing
			128-189	*Clockwise Linear Prism Rotation from FAST to SLOW
			190-193	NO Rotation
			194-255	*Counterclockwise Linear Prism Rotation from SLOW to FAST
		14		**8-FACET ROTATING PRISM, LINEAR PRISM / FINE INDEX ROTATION**
			0-255	Prism FINE Indexing
9	11	15		**FOCUS**
			0-255	Continuous FOCUS Adjustment from NEAR to FAR
		16		**FOCUS FINE**
			0-255	Continuous FINE FOCUS Adjustment
10	12	17		**MOTORIZED ZOOM**
			0-255	ZOOM Adjustment from SMALL to BIG
		18		**MOTORIZED ZOOM FINE**
			0-255	ZOOM FINE Adjustment
11	13	19		**AUTO FOCUS**
			0-50	Auto Focus OFF
			51-150	15m
			151-255	20m
12	14	20		**AUTO FOCUS FINE**
			0-255	Continuous FINE AUTO FOCUS Adjustment

ELATION© PLATINUM HFX™				
DMX Channel Values / Functions (26 DMX Channels)				
Features are subject to change without any prior written notice.				
*Rotation direction (Clockwise or Counterclockwise) of COLOR, GOBO, and PRISM effects depends on orientation of the fixture head.				
MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
13	15	21		SHUTTER, STROBE
			0-31	Shutter CLOSED
			32-63	NO Function (Shutter OPEN)
			64-95	Strobe Effect SLOW to FAST
			96-127	NO function (Shutter OPEN)
			128-159	Pulse Effect In Sequences
			160-191	NO Function (Shutter OPEN)
			192-223	Random Strobe Effect SLOW to FAST
			224-255	NO Function (Shutter OPEN)
14	16	22		DIMMER INTENSITY
			0-255	Intensity 0 to 100%
		23		DIMMER INTENSITY FINE
			0-255	Dimmer Intensity FINE Adjustment
15	17	24		FROST
			0-127	OPEN
			128-255	100% Frost
16	18	25		PAN / TILT MOVEMENT SPEED
			0-225	MAX to MIN Speed
			226-235	Blackout with PAN and TILT Movement
			236-245	Blackout with ALL Wheel Movement
			246-255	NO Function
17	19	26		SPECIAL FUNCTIONS
			0-19	Color Change Normal
			20-29	Color Change to Any Position
			30-39	Color & Static-Fixed Gobo Change to Any Position
			40-59	Lamp ON
			60-79	Lamp Switch OFF
			80-84	ALL Motor Reset
			85-87	PAN & TILT Motors Reset
			88-90	COLORS Motor Reset
			91-93	GOBOS Motor Reset
			94-96	SHUTTER & DIMMER Motor Reset
			97-99	OTHER Motor Reset
			100-119	Internal Program 1 (Scene1-8)
			120-139	Internal Program 2 (Scene 9-16)
			140-159	Internal Program 3 (Scene 17-24)
			160-179	Internal Program 4 (Scene 25-32)
			180-199	Internal Program 5 (Scene 33-40)
			200-219	Internal Program 6 (Scene 41-48)
			220-239	Internal Program 7 (Scene 49-56)
			240-255	Reserved

ERROR CODES

When power is applied, the unit will automatically enter a **"Reset/Test"** mode. This mode brings all the internal motors to a home position. If there is an internal problem with one or more of the motors an error code will flash in the display in the form of **"XXer"** were as XX will represent a function number. For example, when the display shows **"0Er"** it means there is some type of error with the Pan motor. If there are multiple errors during the start-up process they will all flash in the display. For example: if the fixtures has errors on **Channel 1**, **2**, and **5** all at the same time, you will see the error message **"01Er", "02Er"**, and **"05Er"** flash repeated 5 times.

If an error does occur during the initial start-up procedure the fixture will self-generate a second reset signal and try to realign all the motors and correct the errors. If the error persists after a second attempt a third attempt will be made. If after a third attempt all the errors have not been corrected the fixture will make the following determinations:

- **3 or More Errors -** The fixture cannot function properly with three or more errors therefore the fixture will place itself in a stand-by mode until subsequent repairs can be made.

- **Less Than 3 Errors -** The fixture has less than 3 errors; therefore most other functions will work properly. The fixture will attempt to operate normally until the errors can be correct by a technician. The errors in question will remain flashing in the display as a reminder of internal errors.

ELATION© PLATINUM HFX™ E R R O R C O D E S	
Error Codes are subject to change without any prior written notice.	
ERROR CODE	**DESCRIPTION**
PAN Er	The PAN movement is not located in the default position after the reset. This message will appear after a fixture reset if the magnetic-indexing circuit malfunctions (sensor failed or magnet is missing) or there is a motor failure (defective motor or a defective motor IC drive on the main PCB). This error may also be displayed if the head/yoke was blocked during a reset function.
TILT Er	The TILT movement is not located in the default position after the reset. This message will appear after a fixture reset if the magnetic-indexing circuit malfunctions (sensor failed or magnet is missing) or there is a motor failure (defective motor or defective motor IC drive on main PCB). This error may also be displayed if the head was blocked during a reset function.
Color Wheel Er	The Color Wheel is not located in the default position after the reset. This message will appear after the reset of the fixture reset if the magnetic-indexing circuit malfunctions (sensor failed or magnet is missing) or there is a stepper motor failure (defective motor or defective motor IC drive on main PCB).
Gobo Wheel Er	The Rotating Gobo Wheel movement is not located in the default position after the reset. This message will appear after a fixture reset if the gobo wheel's magnetic-indexing circuit malfunctions (sensor failed or magnet is missing) or there is a stepper motor failure (defective motor or defective motor IC drive on main PCB).
Gobo Rot. Er	The Rotating Gobo movement is not located in the default position after the reset. This message will appear after a fixture reset if the gobo wheel's magnetic-indexing circuit malfunctions (sensor failed or magnet is missing) or there is a stepper motor failure (defective motor or defective motor IC drive on main PCB).
Fixed Gobo Wheel Er	The Fixed Gobo Wheel movement is not located in the default position after the reset. This message will appear after a fixture reset if the gobo wheel's magnetic-indexing circuit malfunctions (sensor failed or magnet is missing) or there is a stepper motor failure (defective motor or defective motor IC drive on main PCB).
Prsim Er	The Prism movement is not located in the default position after the reset. This message will appear after the reset of the fixture reset if the magnetic-indexing circuit malfunctions (sensor failed or magnet is missing) or there is a stepper motor failure (defective motor or defective motor IC drive on main PCB).
Prsim Rot. Er	The Prism Rotation movement is not located in the default position after the reset. This message will appear after the reset of the fixture reset if the magnetic-indexing circuit malfunctions (sensor failed or magnet is missing) or there is a stepper motor failure (defective motor or defective motor IC drive on main PCB).

ELATION© PLATINUM HFX™ ERROR CODES	
Specifications and features are subject to change without any prior written notice.	
ERROR CODE	**DESCRIPTION**
Zoom Er	The Zoom movement is not located in the default position after the reset. This message will appear after the reset of the fixture reset if the magnetic-indexing circuit malfunctions (sensor failed or magnet is missing) or there is a stepper motor failure (defective motor or defective motor IC drive on main PCB).
Focus Er	The Focus movement is not located in the default position after the reset. This message will appear after the reset of the fixture reset if the magnetic-indexing circuit malfunctions (sensor failed or magnet is missing) or there is a stepper motor failure (defective motor or defective motor IC drive on main PCB).
Dimmer Er	The Dimmer movement is not located in the default position after the reset. This message will appear after the reset of the fixture reset if the magnetic-indexing circuit malfunctions (sensor failed or magnet is missing) or there is a stepper motor failure (defective motor or defective motor IC drive on main PCB).
2U_Fan1Fault	Error information from JB1 port on 2U01 PCB.
2U_Fan2Fault	Error information from JB2 port on 2U01 PCB.
3U_Fan1Fault	Error information from JB1 port on 3U01 PCB. Displayed as 3U_Fan1 RPM <1500.
3U_Fan2Fault	Error information from JB1 port on 2U01 PCB. Displayed as 3U_Fan2 RPM <1500.
4U_Fan1Fault	Error information from JB1 port on 4U01 PCB. Displayed as 4U_Fan1 RPM <2500.

ELATION© PLATINUM HFX™	
E R R O R C O D E S	
Specifications and features are subject to change without any prior written notice.	
ERROR CODE	**DESCRIPTION**
4U_Fan2Fault	Error information from JB2 port on 4U01 PCB. Displayed as 4U_Fan2 RPM <2500.
Accelerometer Error	Calibration of Accelermeter failed.
Accelerometer ID Error	Accelermeter failed to read ID information.
Error found see log	Hint of error message as Reset of Channels. Please check Error Info.
REPLACE THE LAMP	

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
Phillips™ MSD Platinum 14R 280W Lamp
2,000 Hour Average Lamp 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
8-Facet and Linear Rotating and 10-Facet Static Prisms
Strobe and Electronic Dimming
Zoom, Iris, Wash Frost Filter

COLOR
13 Dichroic Colors Including UV and Quad Color (RGBY)
CTO and CTB Color Correction

GOBOS
(2) Gobo Wheels
(8) Interchangeable / Rotating / Indexing Gobos
(12) Static-Stamped Gobos (Indexing Wheel)

CONTROL / CONNECTIONS
(3) DMX Channel Modes (17 / 19 / 26)
RDM (Remote Device Management)
6 Button Touch Control Panel
Full Color 180° Reversible LCD Menu Display
8 / 16 Bit Resolution Adjustable Movement
5pin DMX In/Out
RJ45 Ethernet In/Out (Art-NET)
powerCON Power In/Out

SIZE / WEIGHT
Length: 15.2" (466mm)
Width: 16.9" (430mm)
Vertical Height: 25.9" (675.5mm)
Weight: 50.0 lbs. (22.7 kg)

ELECTRICAL / THERMAL
AC 100-240V - 50/60Hz
450W Max Power Consumption
14°F to 113°F (-10°C to 45°C)

APPROVALS / RATINGS
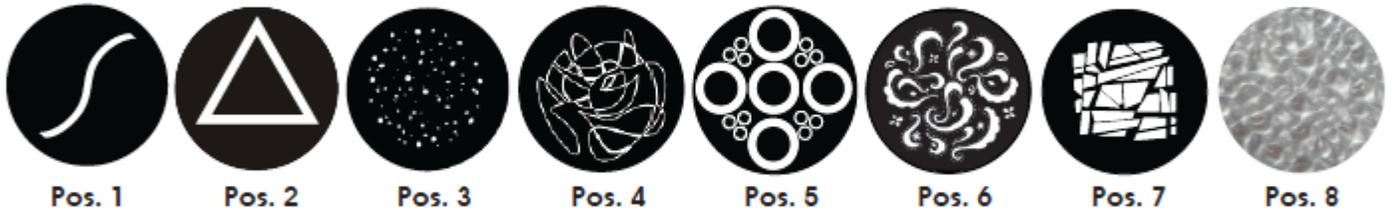CE | IP20

Intertek
4010832

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

COLORS AND GOBOS

COLOR WHEEL

RED	BLUE	GREEN	YELLOW	PINK	ORANGE	AQUA	MAGENTA	QUAD	CYAN	C.T.O.	C.T.B.	U.V.
Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Pos. 7	Pos. 8	Pos. 9	Pos. 10	Pos. 8	Pos. 9	Pos. 10

INTERCHANGEABLE-ROTATING GOBO WHEEL 1 - OD: Ø13.8mm** ID: Ø9.0mm

Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Pos. 7	Pos. 8

STATIC-STAMPED GOBO WHEEL 2

| Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Pos. 7	Pos. 8	Pos. 9	Pos. 10	Pos. 11	Pos. 12

**IMPORTANT NOTICE REGARDING GOBO DIMENSIONS AND CUSTOM GOBOS

OD = Outside Diameter | ID = Image Diameter

Due to varying manufacturing processes, it is highly recommended to provide a gobo and holder sample from the fixture to 3rd party custom gobo vendors for accurate sizing.

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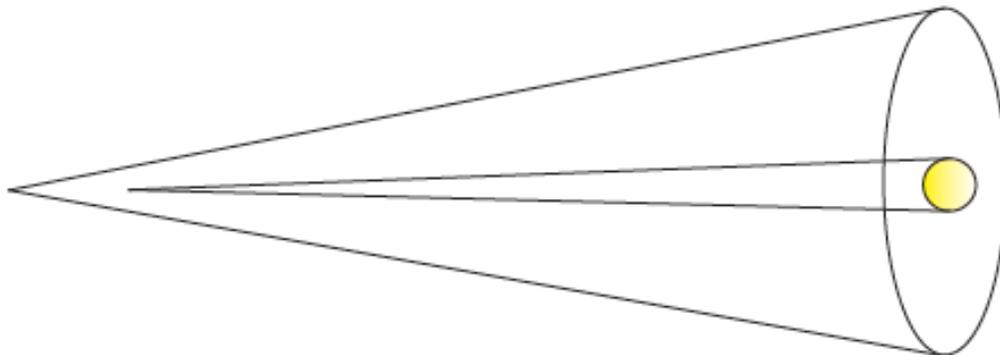
PHOTOMETRIC DATA
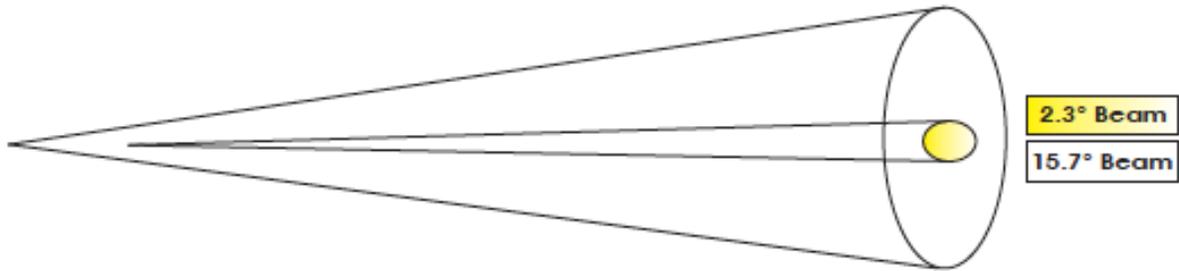
2.3° Beam
15.7° Beam

BEAM MODE	15 m	49.2 ft		5 m	16.4 ft
2.3° Min	1.16	3.8	15.7° Max	2.76	9.1
	lux	fc		lux	fc
FULL ON	125,800	11,687	FULL ON	40,320	3,746

3° Spot
22.2° Spot

SPOT MODE	15 m	49.2 ft		5 m	16.4 ft
3.0° Min	1.5	4.9	22.2° Max	4	13.1
	lux	fc		lux	fc
FULL ON	13,375	1,243	FULL ON	3,575	332
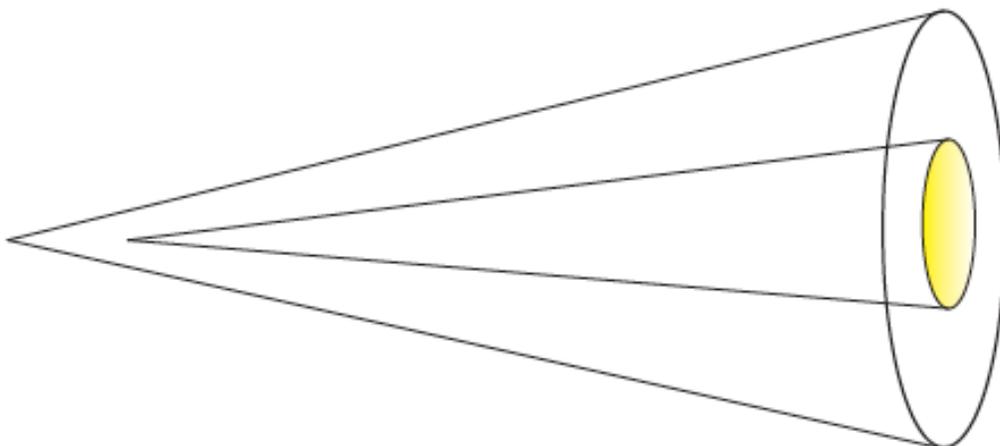
10.8° Spot
34.7° Spot

WASH MODE	5 m	16.4 ft		5 m	16.4 ft
10.8° Min	1.88	6.2	34.7° Max	6.2	20.3
	lux	fc		lux	fc
FULL ON	11,500	1,068	FULL ON	812	75

DIMENSIONAL DRAWINGS
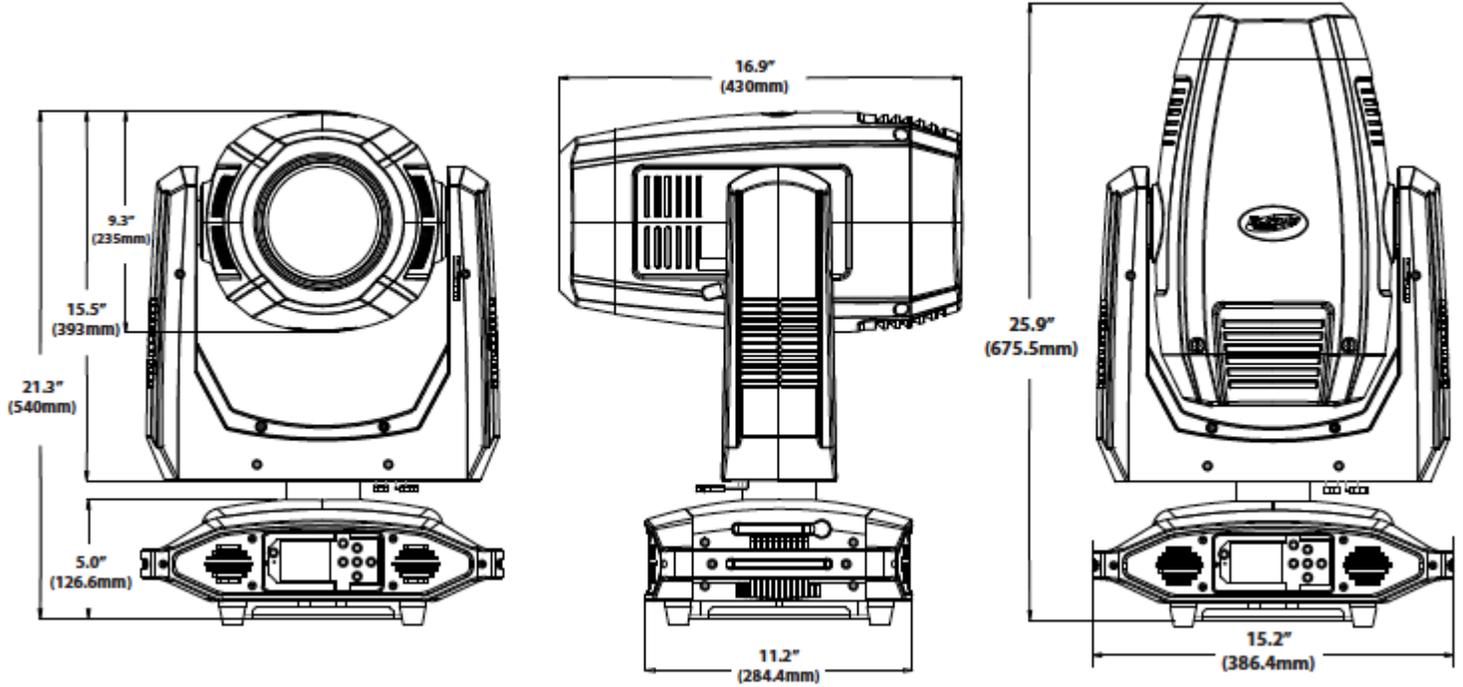
16.9"
(430mm)

9.3"
(235mm)

15.5"
(393mm)

21.3"
(540mm)

5.0"
(126.6mm)

25.9"
(675.5mm)

11.2"
(284.4mm)

15.2"
(386.4mm)

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OPTIONAL ACCESSORIES

ORDER CODE	ITEM
TRIGGER CLAMP	Heavy Duty Wrap Around Hook Style Clamp
DRCHFX	Dual Road Case For Platinum HFX™
EWDMXSYSTEM	Wireless DMX System (1 Transmitter, 1 Receiver)
AC5PDMX5PRO	5 ft. (1.5m) 5pin PRO DMX Cable
CAT6PRO5	5 ft. (1.5m) CAT6 EtherCON Cable
PLC6	6 ft. (1.8m) powerCON Link Cable
	Additional Cable Lengths Available