ELATION
PROFESSIONAL

PLATINUM BEAM 5R EXTREME™

user manual

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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
02/23/15	1	≥1.0.0	12/14/18	Updated manual format.

CONTENTS

GENERAL INFORMATION

INTRODUCTION

Congratulations, you have just purchased one of the most innovative and reliable lighting fixtures on the market today! The 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.

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**
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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.

☞ 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 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!

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.

GENERAL GUIDELINES

- **NEVER OPEN THIS FIXTURE WHILE IN USE!**

- 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 fixture is a professional lighting effect 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, at least 1.5 feet (.5m) from adjacent surfaces. 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
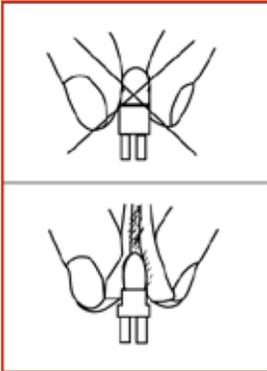
This fixture is fitted with a **DISCHARGE LAMP,** which is highly susceptible to damage if improperly handled. **NEVER** touch the lamp with your bare hands, as the oil from your hands will shorten the life of the lamp. Also, **NEVER** move the fixture until the lamp has had ample time to cool. Lamps 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 5R Lamp and the optical path of the Elation PLATINUM BEAM 5R EXTREME fixture, the lamp **MUST BE** replaced at 2,000 hours.

Use only Genuine Original Philips™ platinum lamps. Other brand lamps may cause damage and void warranty!

FIXTURE OVERVIEW

1. **LED Assembly**

2. **LCD Menu Function Display**

3. **Wireless DMX Indicator**

4. **DC Switch**

5. **Microphone**

6. **LEFT Button**

7. **DOWN Button**

8. **RIGHT Button**

9. **MODE/ESC Button**

10. **UP Button**

11. **ENTER Button**

12. **Wireless DMX Antenna**

13. **Carrying Handle(s)**

14. **Lamp Access/Cover Panel**

15. **3pin DMX Input**

16. **3pin DMX Output**

17. **5pin DMX Output**

18. **5pin DMX Input**

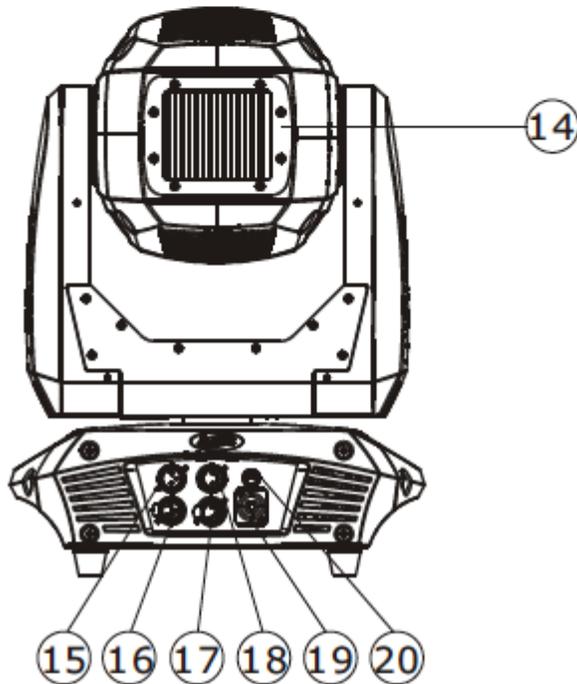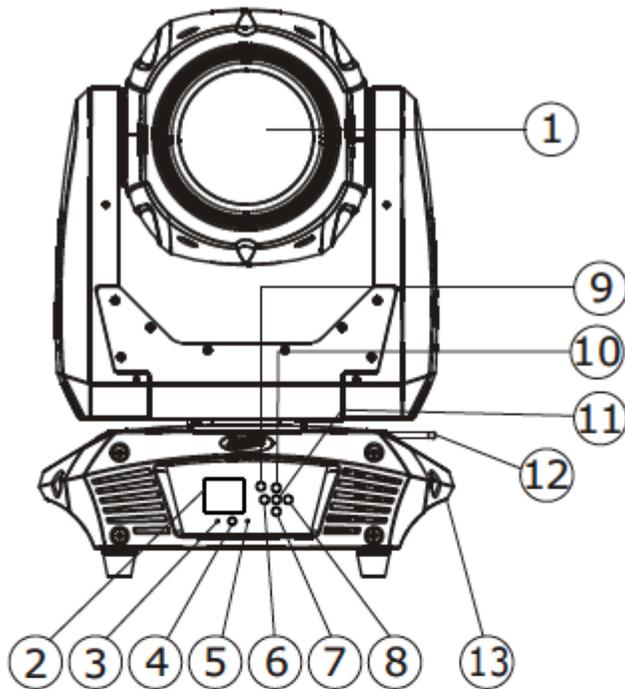19. **powerCON Input**

20. **Fuse**

LAMP INSTALLATION INSTRUCTIONS

LAMP REPLACEMENT

Please note that due to the nature of the Philips™ Platinum 5R Lamp and the optical path of the Elation PLATINUM BEAM 5R EXTREME fixture, the lamp MUST BE replaced at 2,000 hours.

Use only Genuine Original Philips™ Platinum 5R 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 5R** 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 5R lamps. Other brand lamps may cause damage and void the warranty!**

- **NEVER touch the lamp with your bare hands, as the 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 15 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
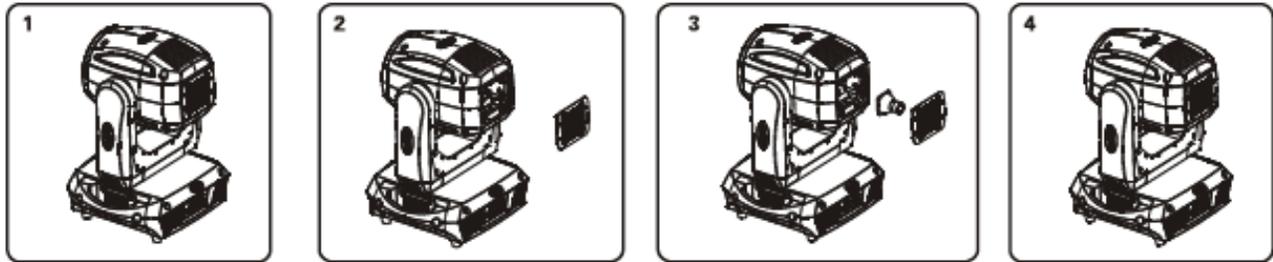
1. Place fixture on a flat surface and remove **(4)** screws marked **"A", "B", "C",** and **"D"** and then remove rear cover plate (see image below) to access the lamp.

LAMP COVER PLATE
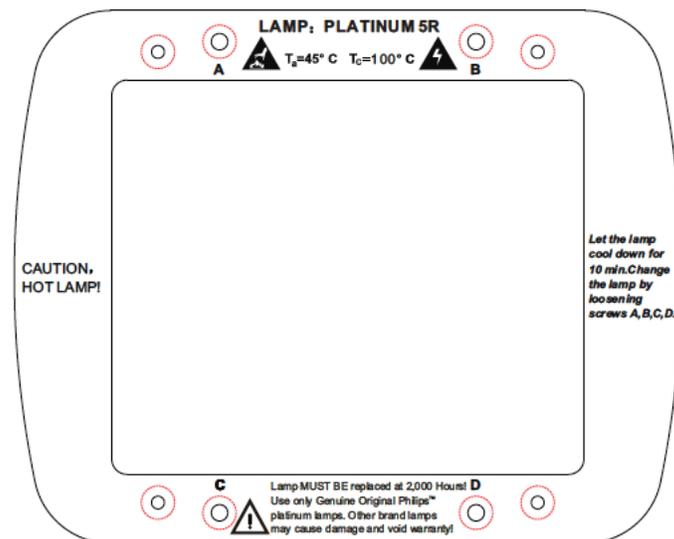
2. Gently remove **(2) Wires** connected to spade terminals on base of lamp.

3. Using two fingers on your **RIGHT** hand, pull the retention handle **OUT** and towards the **RIGHT** as far as possible.

4. While pulling the retention handle with your **RIGHT** hand, use your **LEFT** hand to gently twist the lamp **COUNTERCLOCKWISE** to remove it from under the retention brackets.

5. Using two fingers on your **RIGHT** hand, pull the retention handle **OUT** and towards the **RIGHT** as far as possible.
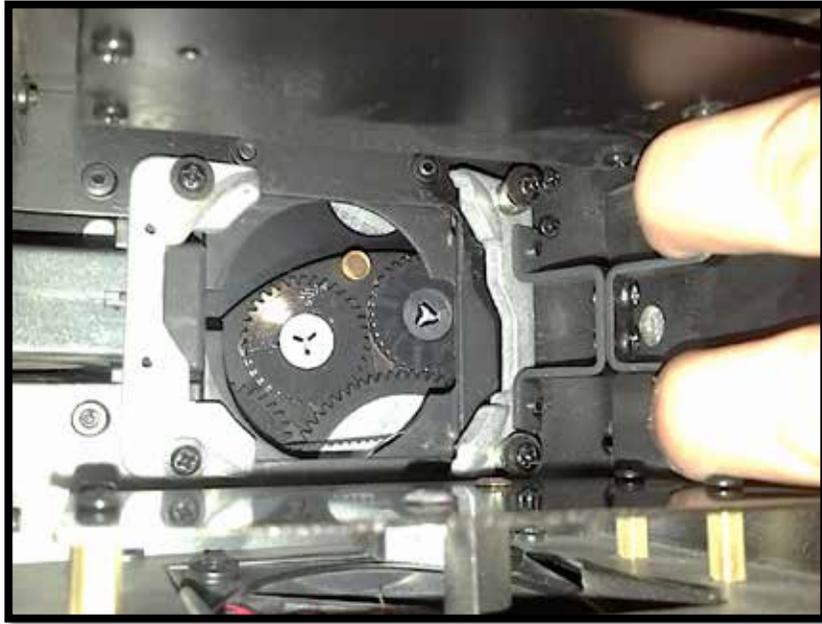
6. While pulling the retention handle with your **RIGHT** hand, use your **LEFT** had to gently install the lamp under the retention brackets by holding the lamp at a slight angle and positioning it until it is flush with the base.

7. While still holding the retention handle with your **RIGHT** hand, gently turn the lamp **CLOCKWISE** with your **LEFT** hand until the lamp is correctly aligned under the retention brackets.
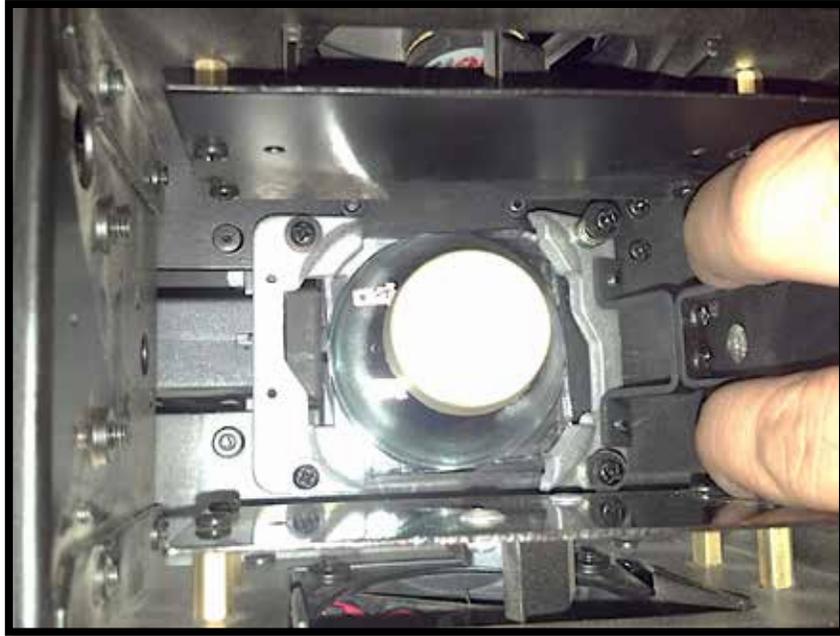
8. Release the retention handle with your **RIGHT** hand and make sure the handle is upright and not at an angle.
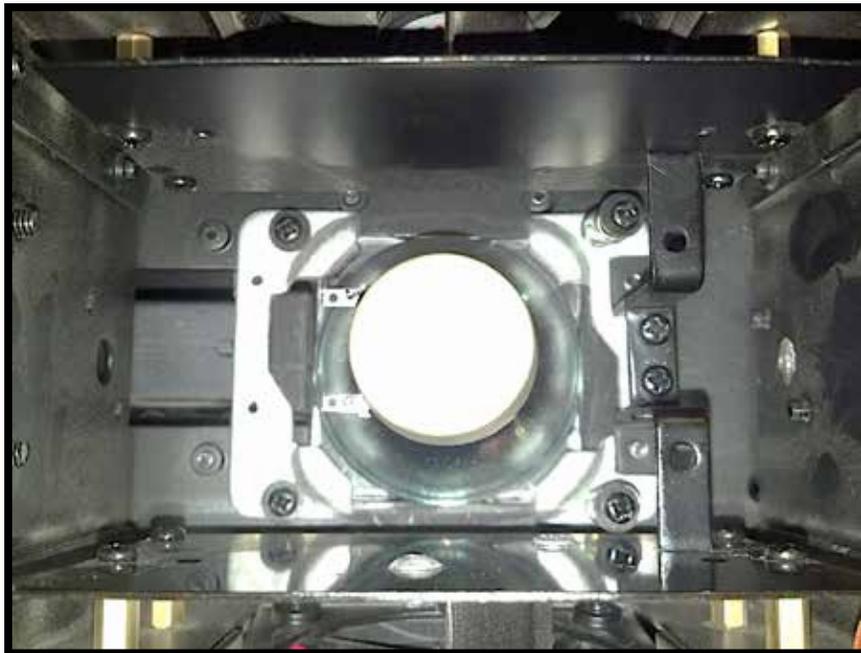
9. Gently attached **(2) Wires** connected to spade terminals on base of lamp.

10. Replace the lamp cover back into place by securing **(4)** screws marked **"A", "B", "C",** and **"D"**.
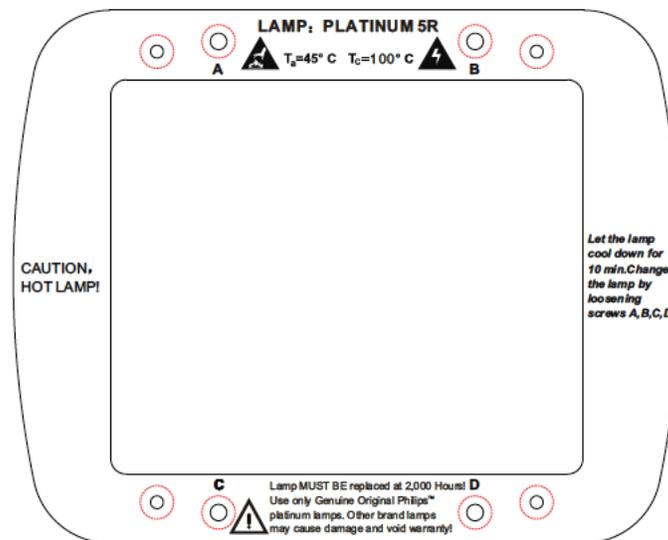
11. Be sure to reset the **LAMP HOURS** in the system menu to prevent the protection circuitry from accidently shutting off the lamp during normal operation.

12. 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 on the next page.

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 **"L-Timer 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 **"L-Timer Password"**, next press **UP** or **DOWN** to toggle down to **"Clear 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 5R PRO 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 5R PRO Lamp** is **NOT** a hot-restrike lamp therefore, you must wait approximately **15 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 ft (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 **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 as illustrated below.
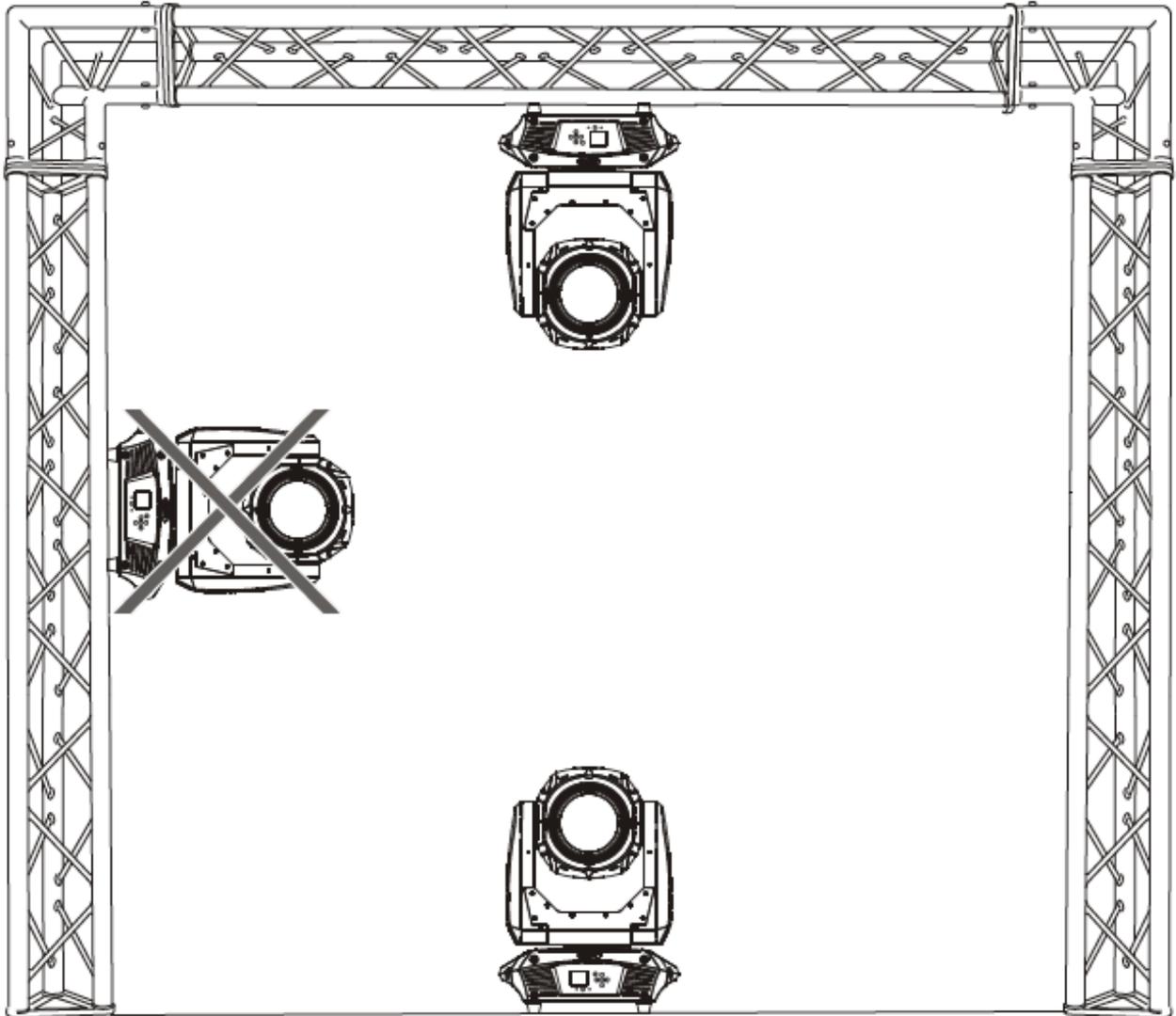
☞ **S A F E T Y   C A B L E**

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 the included **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
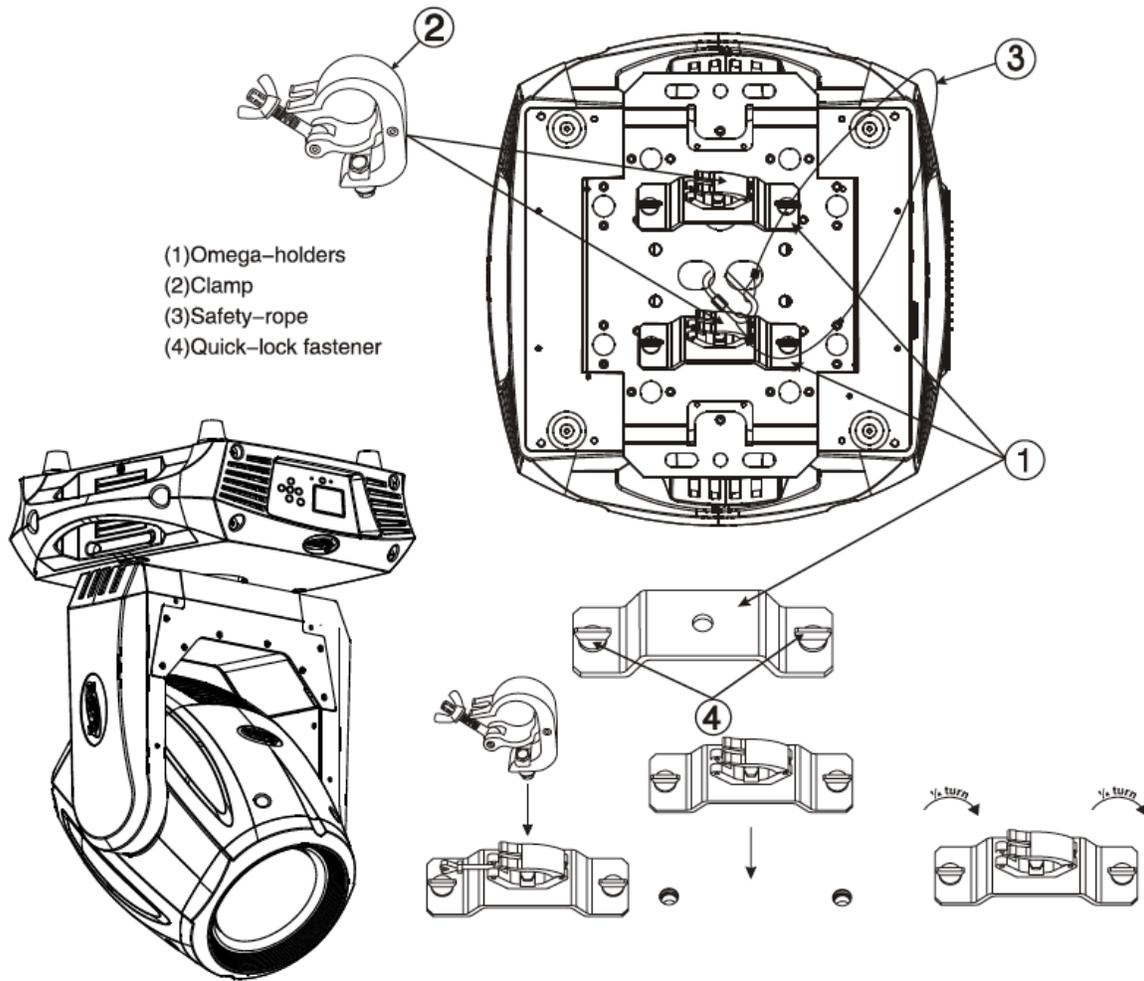
SECURING

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.

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 **DC SWITCH** button for 2 seconds. The LCD Menu Control Display will shut **OFF** automatically about 1 minute from the last button press. To shut **OFF** the LCD Menu Control Display immediately, set "**Reset Default**" menu option to **"ON"** in the **"Personality"** menu and press the **ENTER** button to confirm your selection.

		ELATION© PLATINUM BEAM 5R EXTREME™		
		SYSTEM MENU		
		Specifications and features are subject to change without any prior written notice.		
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
	Sound Control	Master / Alone		Sound Control
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
		LampTime Password	Password=XXX	Password **038**
		Clean Lamp Time	ON / **OFF**	Reset Lamp Run Time
	Temperature Info	Head Temperature	XXX C° / F °	Temperature in Fixture Head
	Software Version	V1.0.0…		Software Version
LAMP CONTROL	Lamp ON or OFF	**ON**/OFF		Lamp ON/OFF
	Automatic Lamp 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 ON 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/Music	Auto Run If No DMX
		Pan Reverse	ON/**OFF**	Pan Reverse Movement
		Tilt Reverse	ON/**OFF**	Tilt Reverse Movement
		Pan Degree	630/**540**/540-90 Offset	Pan Degree Select
		Feedback	**ON**/OFF	Movement Feedback
		Movement Speed	Speed **1** ~ 4	Movement Mode Select
		Mic Sensitivity	0-99%	Sensitivity of Microphone
		Hibernation	OFF, 01M~99M, **15M**	Stand By Mode
	Service Setting	Password	Password=XXX	Service Password **050**
		RDM PID	**XXXXXX**	RDM PID Code
	Fans Control	**Auto**, High, Low		Fans Speed Select
	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
	Wireless DMX	WDMX OFF		De-activate WDMX
		Activate WDMX		Activate WDMX
		Act & Data Out		Act & Data Out
		Clean WDMX Memo		Reset Wireless DMX Mem
	Reset Default	ON/**OFF**		Restore factory settings

	ELATION© PLATINUM BEAM 5R EXTREME™		
	S Y S T E M M E N U		
	Specifications and features are subject to change without any prior written notice.		
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	Calibrate 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	Max Channel = XX	Edits User Defined Channel Assignments
		PAN = CH01	
Edit Program	Select Programs	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
	Record 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"**.
This counter can be reset.

LAMP CONTROL - Lamp 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.

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>User Mode</u>

Select operating mode, which includes DMX Channel and User defined modes.

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>Select Program</u>

Select one of the (10) user defined internal Auto Programs.

EDIT PROGRAM – <u>Edit Program</u>

Edit any of the (10) user defined internal Auto Programs.

EDIT PROGRAM – <u>Edit Scenes</u>

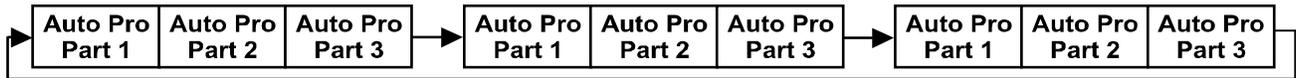Edit any of the scenes of the internal Auto Programs.

EDIT PROGRAM – <u>Record 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.

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.

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

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.

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.

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

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
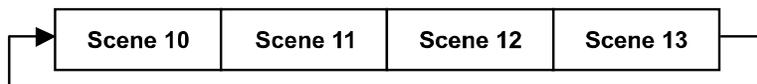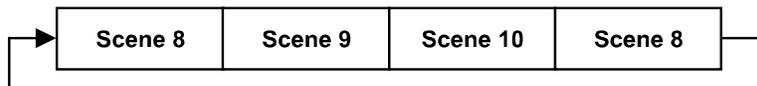
WDMX INTERNAL WIRELESS DMX RECEIVER SET UP

The **PATINUM BEAN 5R EXTREME™** is equipped with an internal Wireless DMX Receiver, which is fully compatible with an **Elation** Wireless DMX System. Access the "**Wireless DMX**" sub menu from the "**PERSONALITY**" menu, and then select the desired WDMX connection function, which includes:

WDMX Off - Turn OFF Wireless DMX

Activate WDMX - Turn ON Wireless DMX

Act & Data Out - Turn ON Wireless DMX and send DMX data to wired 3/5pin outputs

Clean WDMX Memo - Clear WDMX memory

When the **WDMX** system is **"Activated"** the internal DMX **"IN"** XLR jacks are OFF. However the internal DMX **"OUT"** XLR jacks will function normally. If the fixture is powered ON with the internal **WDMX** system **"Activated"**, it will automatically scan for a wireless DMX signal from an **Elation Wireless Transmitter**.

☞ **If NO wireless signal is received, it will electronically switch to the wired DMX mode.**

> ⚠ **W A R N I N G !**
> **NEVER connect a fixture to a controller via a DMX cable when the WDMX system is in use. This could cause serious damage to the controller!!**
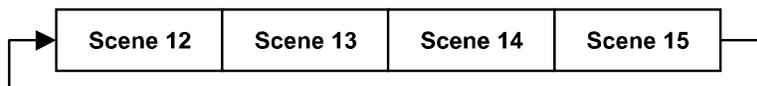
SETTING UP THE WDMX SYSTEM

Follow the instructions included with the **Elation EWDMX Transmitter** and connect it to the output of your DMX controller. To sync your fixture with the **Elation EWDMX Transmitter** follow the steps below:

- Initially, the **Wireless Indicator** on the fixture control panel should be solid **RED**.

- Press and hold the configuration button on your **EWDMX Transmitter** for about 3 seconds. The **RED**/**GREEN** **LED** indicators on the **EWDMX Transmitter** and the fixture should begin to flash rapidly for about 5-10 seconds while the two systems pair.

- Once the fixture is paired with the **EWDMX Transmitter (T1)**, the **Wireless** status indicators on the both the fixture and the **EWDMX Transmitter** will stop flashing and glow solid **GREEN**. If paring is unsuccessful repeat the process until paring is secured.

- The fixture will store the pairing information inside a nondestructive memory bank once a link is created between the fixture and an **EWDMX Transmitter**. The fixture will remember the paired **EWDMX Transmitter** even if the fixture is turned OFF for extended periods of time.

CLEARING EWDMX TRANSMITTER LINK

- Access the "**Wireless DMX"** sub menu from the **"PERSONALITY"** menu, and then select **"Clear WDMX Memo"** to clear any existing link between the fixture and a **EWDMX Transmitter**. The **Wireless** indictor on the fixture will turn solid **RED** when the link is severed.

- You may also clear the link directly from the **EWDMX Transmitter**. First, be sure the fixture(s) is powered ON, and then hold down the configuration button on the **EWDMX Transmitter** for as least 5 seconds. This will automatically clear the link between the **EWDMX Transmitter** and any fixture that is powered ON. All **EWDMX** indictors will glow solid **RED** if the procedure was successful.

FIXTURE WIRELESS INDICATOR

RED/**GREEN** (Rapid Flashing) = Syncing to an EWDMX Transmitter.

RED/**GREEN** (Slow Flashing) = Paired with an EWDMX Transmitter but not receiving a DMX signal from a controller.

GREEN (Solid) = Paired with an EWDMX Transmitter and receiving DMX data.

RED (Solid) = Not paired with an EWDMX Transmitter (FREE).

DMX CHANNEL FUNCTIONS AND VALUES

MODE / CHANNEL			VALUE	FUNCTION
ELATION© PLATINUM BEAM 5R EXTREME™ DMX Channel Values / Functions (18 DMX Channels)
Specifications are subject to change without any prior written notice. *Rotation direction (Clockwise or Counterclockwise) of COLOR, GOBO, and PRISM effects depends on the orientation of the fixture head.
BASIC	**STAND**	**EXTEND**		
1	1	1		PAN MOVEMENT [8 BIT]
			0-255	PAN Movement By 630/540
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 By 270
4		4		TILT MOVEMENT [16 BIT]
			0-255	Fine Control of TILT Movement
3	5	5		COLOR WHEEL
			0-10	OPEN / WHITE
			11-21	RED
			22-32	BLUE
			33-43	GREEN
			44-54	YELLOW
			55-65	MAGENTA
			66-76	LIGHT BLUE
			77-87	ORANGE
			88-98	PURPLE
			99-109	UV FILTER
			110-120	CTO
			121-127	CTB
			128-189	*Clockwise Color Rotation from FAST to SLOW
			190-193	NO Rotation
			194-255	*Counterclockwise Color Rotation from SLOW to FAST
		6		COLOR WHEEL FINE ADJUSTMENT
			0-255	FINE Adjustment of Color Wheel to Any Position
4	6	7		ROTATING GOBOS, CONTINOUS ROTATION
			0-9	OPEN / WHITE
			10-19	Rotating Gobo 1
			20-29	Rotating Gobo 2
			30-39	Rotating Gobo 3
			40-49	Rotating Gobo 4
			50-59	Rotating Gobo 5
			60-69	Rotating Gobo 6
			70-79	Rotating Gobo 7
			80-89	Rotating Gobo 8
			90-104	Rotating Gobo 1 Shake
			105-119	Rotating Gobo 2 Shake
			120-134	Rotating Gobo 3 Shake
			135-149	Rotating Gobo 4 Shake
			150-164	Rotating Gobo 5 Shake
			165-179	Rotating Gobo 6 Shake
			180-194	Rotating Gobo 7 Shake
			195-209	Rotating Gobo 8 Shake
			210-255	Gobo Wheel Continuous Rotation from SLOW to FAST

ELATION© PLATINUM BEAM 5R EXTREME™				
DMX Channel Values / Functions (18 DMX Channels)				
Specifications are subject to change without any prior written notice.				
*Rotation direction (Clockwise or Counterclockwise) of COLOR, GOBO, and PRISM effects depends on the orientation of the fixture head.				
MODE / CHANNEL			VALUE	FUNCTION
STAND	BASIC	EXTEND		
		9		ROTATING GOBOS, FINE INDEX ROTATION
			0-255	Gobo Rotation FINE Indexing
5	7	8		ROTATING GOBOS, INDEX ROTATION
			0-127	Gobo Indexing
			128-189	*Clockwise Gobo Rotation from FAST TO SLOW
			190-193	NO Rotation
			194-255	*Counterclockwise Gobo Rotation from SLOW to FAST
6	8	10		ROTATING PRISM, PRISM / GOBO MACROS
			0-3	OPEN
			4-63	8-FACET PRISM *Clockwise Rotation from FAST to SLOW
			64-67	NO Rotation
			68-127	8-FACET PRISM *Counterclockwise Rotation from SLOW to FAST
			128-135	Macro 1
			136-143	Macro 2
			144-151	Macro 3
			152-159	Macro 4
			160-167	Macro 5
			168-175	Macro 6
			176-183	Macro 7
			184-191	Macro 8
			192-199	Macro 9
			200-207	Macro 10
			208-215	Macro 11
			216-223	Macro 12
			224-231	Macro 13
			232-239	Macro 14
			240-247	Macro 15
			248-255	Macro 16
7	9	11		FOCUS
			0-255	Continuous Adjustment from NEAR to FAR
		12		FOCUS FINE
			0-255	Continuous FINE Focus Adjustment
8	10	13		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)
9	11	14		DIMMER INTENSITY
			0-255	Intensity 0 to 100%
		15		DIMMER INTENSITY FINE
			0-255	Dimmer Intensity FINE Adjustment

ELATION© PLATINUM BEAM 5R EXTREME™				
DMX Channel Values / Functions (18 DMX Channels)				
Specifications are subject to change without any prior written notice.				
*Rotation direction (Clockwise or Counterclockwise) of COLOR, GOBO, and PRISM effects depends on the orientation of the fixture head.				
MODE / CHANNEL			VALUE	FUNCTION
STAND	BASIC	EXTEND		
10	12	16		FROST
			0-127	Disable FROST
			128-255	Enable FROST
11	13	17		PAN / TILT MOVEMENT SPEED
			0-225	MAX to MIN Speed
			226-235	Blackout by Movement
			236-245	Blackout by ALL Wheel Changing
			246-255	NO Function
12	14	18		LAMP ON/OFF, RESET, INTERNAL PROGRAMS
			0-19	COLOR & GOBO Change Normal
			20-29	COLOR Change to Any Position
			30-39	COLOR & GOBO Change to Any Position
			40-59	LAMP ON
			60-79	LAMP Switch OFF
			80-84	ALL Motor Reset
			85-87	SCAN Motor Reset
			88-90	COLORS Motor Reset
			91-93	GOBO Motor Reset
			94-96	SHUTTER & DIMMER Motor Reset
			97-99	OTHER Motor Reset
			100-119	Internal Program 1
			120-139	Internal Program 2
			140-159	Internal Program 3
			160-179	Internal Program 4
			180-199	Internal Program 5
			200-219	Internal Program 6
			220-239	Internal Program 7
			240-255	Auto Program by Sound Control

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.

PAN Er	Gobo Rot. 1 Er
TILT Er	Focus Er
Color Wheel Er	Gobo Wheel 1 Er

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 3 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.
- 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).
- Inspect all moving parts and make sure there are no signs of wear and rotate/move without imbalances.
- 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

189W Platinum 5R Lamp

2,000 Hour Average 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

Frost

Motorized Focus

Strobe (1-18 fps)

Electronic Dimming: 0% - 100%

8 Facet Rotating Prisms and Macros

COLOR

(12) Colors Including UV, CTO, CTB

GOBOS

(8) Metal Rotating, Indexing, Interchangeable Gobos

CONTROL / CONNECTIONS

(3) DMX Channel Modes (12 / 14 / 18)

Remote Device Management

Pan Movement: 540°/630° / Tilt Movement: 270°

6 Button Control Panel

Full Color 180° Reversible LCD Menu Display

16 Bit 3-Phase Pan/Tilt Motors

3pin & 5pin DMX In/Out

powerCON In

Internal EWDMX Wireless DMX Receiver

SIZE / WEIGHT

Length: 13.9" (352mm)

Width: 13.0" (329mm)

Vertical Height: 20.0" (509mm)

Weight: 44.0 lbs. (20.0 kg)

ELECTRICAL / THERMAL

AC 100-240V - 50/60Hz

350W Max Power Consumption

14°F to 113°F (-10°C to 45°C)

APPROVALS

CE | cETLus | IP20

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	MAGENTA	LIGHT BLUE	ORANGE	PURPLE	U.V.	C.T.O.	C.T.B.
Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Pos. 7	Pos. 8	Pos. 9	Pos. 10	Pos. 11

INTERCHANGEABLE-ROTATING GOBO WHEEL   OD: Ø13.8mm** ID: Ø6.0mm

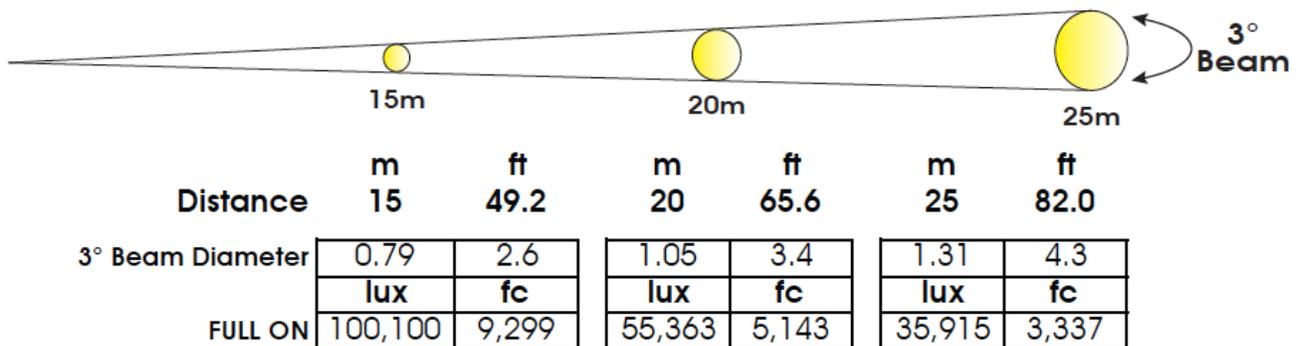| Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Pos. 7	Pos. 8

**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.

PHOTOMETRIC DATA

3° Beam

15m   20m   25m

Distance	m	ft	m	ft	m	ft
	15	49.2	20	65.6	25	82.0
3° Beam Diameter	0.79	2.6	1.05	3.4	1.31	4.3
	lux	fc	lux	fc	lux	fc
FULL ON	100,100	9,299	55,363	5,143	35,915	3,337

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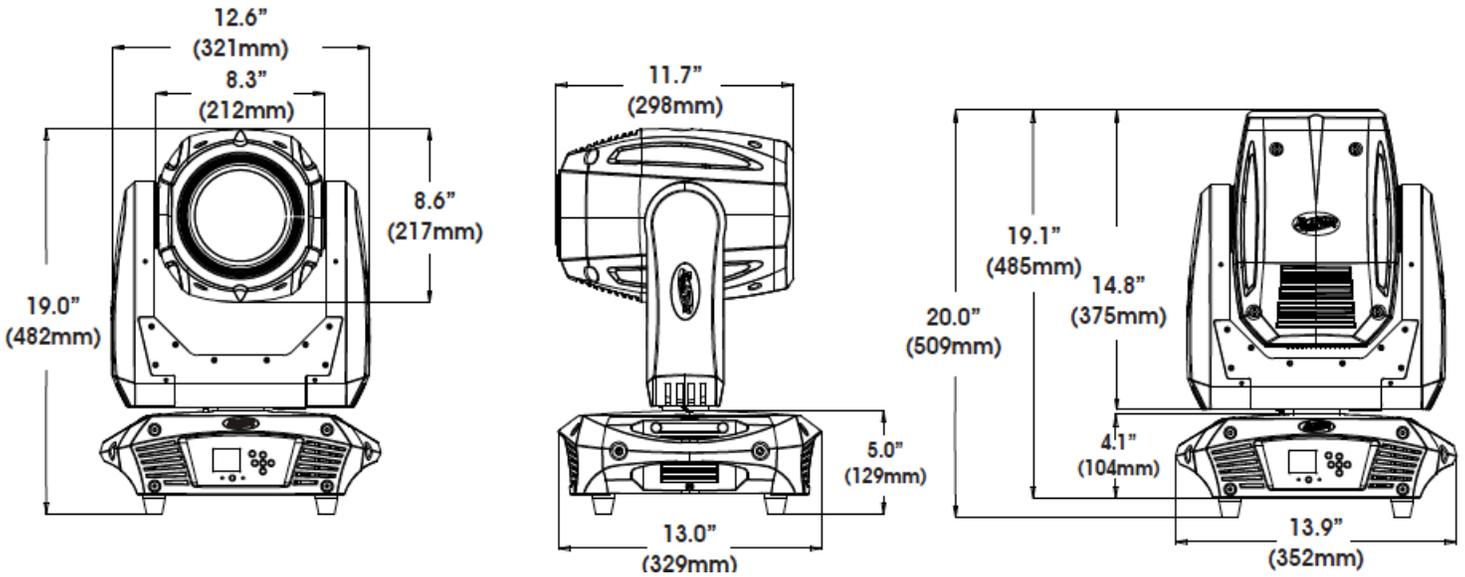
Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

OPTIONAL ACCESSORIES

ORDER CODE	ITEM
TRIGGER CLAMP	Heavy Duty Wrap Around Hook Style Clamp
DRCPLAT	Dual Flight Case For Platinum Beam 5R EXTREME™
DRCPLATQUAD	Quad Flight Case For Platinum Beam 5R EXTREME™
EWDMXSYSTEM	Wireless DMX System (1 Transmitter, 1 Receiver)
AC3PDMX5PRO	5 ft. (1.5m) 3pin PRO DMX Cable
AC5PDMX5PRO	5 ft. (1.5m) 5pin PRO DMX Cable
	Additional Cable Lengths Available