

PLATINUM SPOT III™

user manual

©2015 ELATION PROFESSIONAL all rights reserved. Information, specifications, diagrams, images, and instructions herein are subject to change without notice. ELATION PROFESSIONAL logo and identifying product names and numbers herein are trademarks of ELATION PROFESSIONAL. Copyright protection claimed includes all forms and matters of copyrightable materials and information now allowed by statutory or judicial law or hereinafter granted. Product names used in this document may be trademarks or registered trademarks of their respective companies and are hereby acknowledged. All non-ELATION brands and product names are trademarks or registered trademarks of their respective companies.

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

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

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

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

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

DOCUMENT VERSION



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

Date	Document Version	Software Version	DMX Channel Modes	Notes
8/14/15	1	≥1.3.0	18 / 20 / 27	Initial release.
2/04/21	2	≥1.3.3	No Change	Updated primary/secondary modes

CONTENTS

General Information	4
Warranty	6
Safety Instructions	7
General Guidelines	8
Fixture Overview	9
Fixture Installation	10
Fixture Menu	13
DMX Channel Functions And Values	24
Error Codes	28
Cleaning and Maintenance	31
Technical Specifications	32
Optional Accessories	35

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) 3pin DMX Cable
- (1) Power Cable
- Manual & Warranty Card

CUSTOMER SUPPORT

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

ELATION SERVICE USA - Monday - Friday 8:00am to 5:00pm PST

Voice: 323-582-3322

Fax: 323-832-9142

E-mail: support@elationlighting.com

ELATION SERVICE EUROPE - Monday - Friday 08:30 to 17:00 CET

Voice: +31 45 546 85 30

Fax: +31 45 546 85 96

E-mail: support@elationlighting.eu

WARRANTY 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.



I N D O O R S U S E O N L Y !
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!



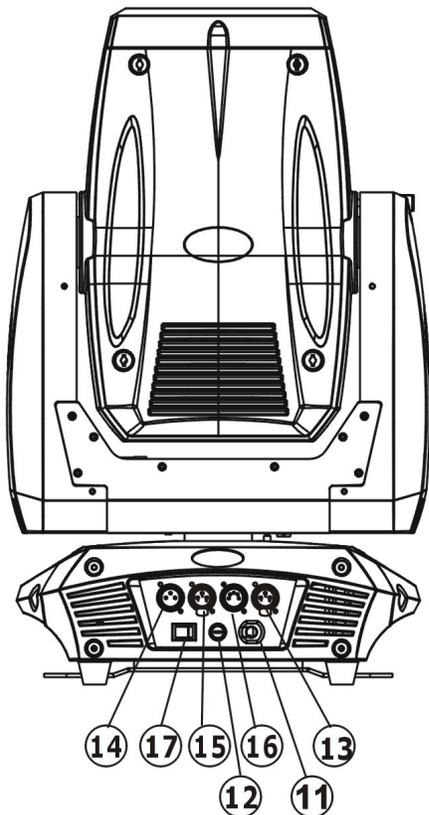
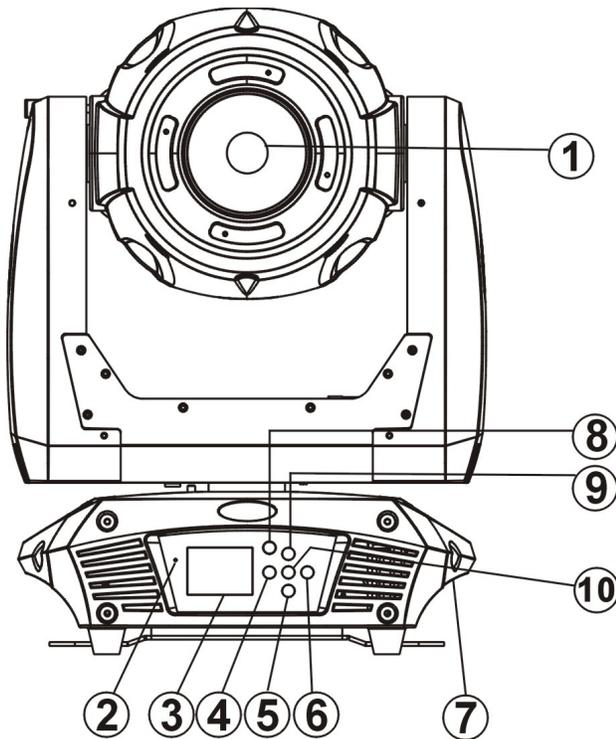
NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE!
SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!

- 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 manufacturer's 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.

FIXTURE OVERVIEW



- 1: Lens
- 2: N/A
- 3: LCD Control Display
- 4: LEFT Button
- 5: DOWN Button
- 6: RIGHT Button
- 7: Handles
- 8: MODE/ESC Button
- 9: UP Button
- 10: ENTER Button
- 11: Power Cord
- 12: Fuse
- 13: 3pin DMX OUT
- 14: 5pin DMX IN
- 15: 5pin DMX OUT
- 16: 3pin DMX IN
- 17: Power Switch

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.

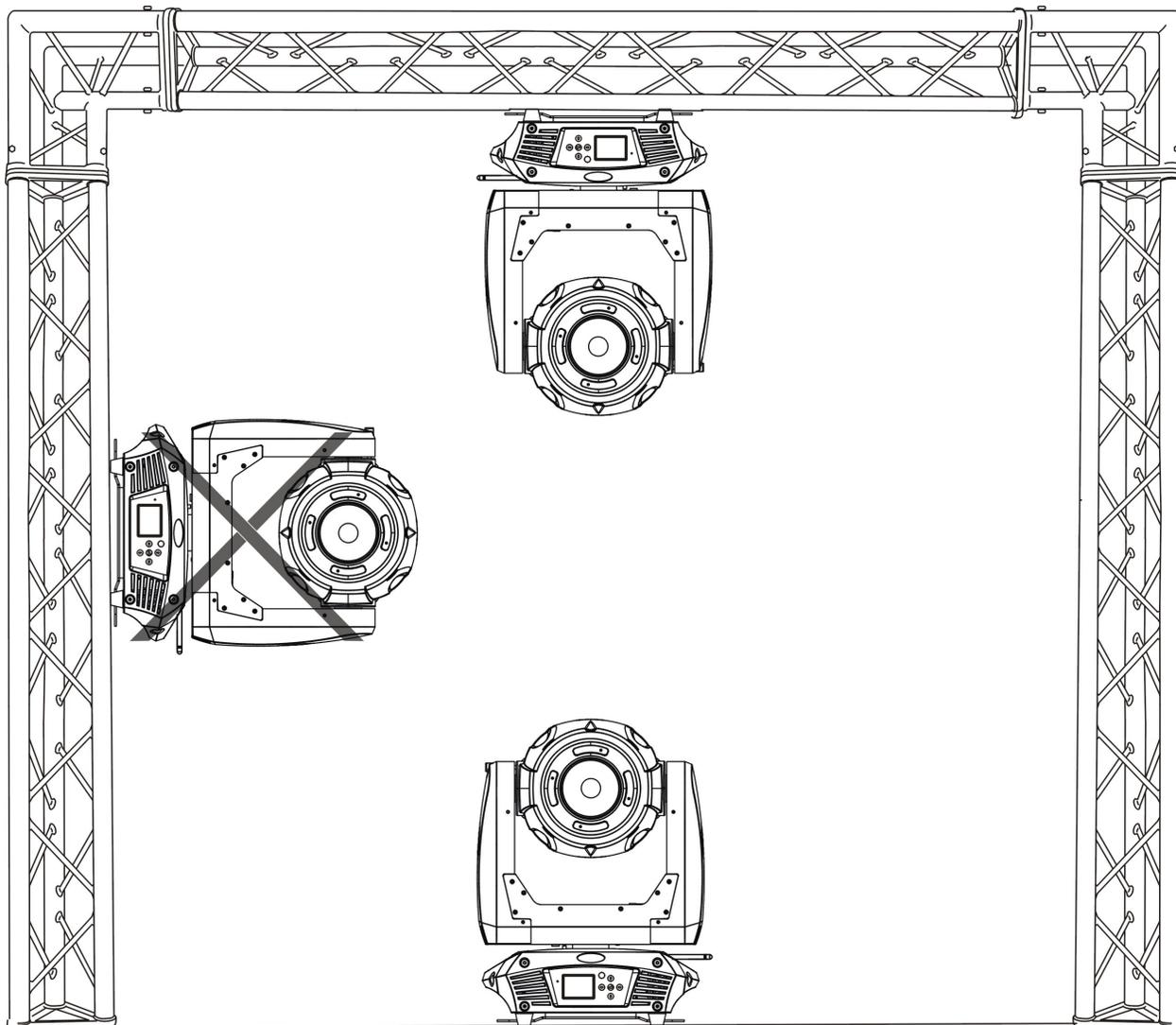


CAUTIONS

- For added protection, mount the fixture in areas outside walking paths, seating areas, or in areas where 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.

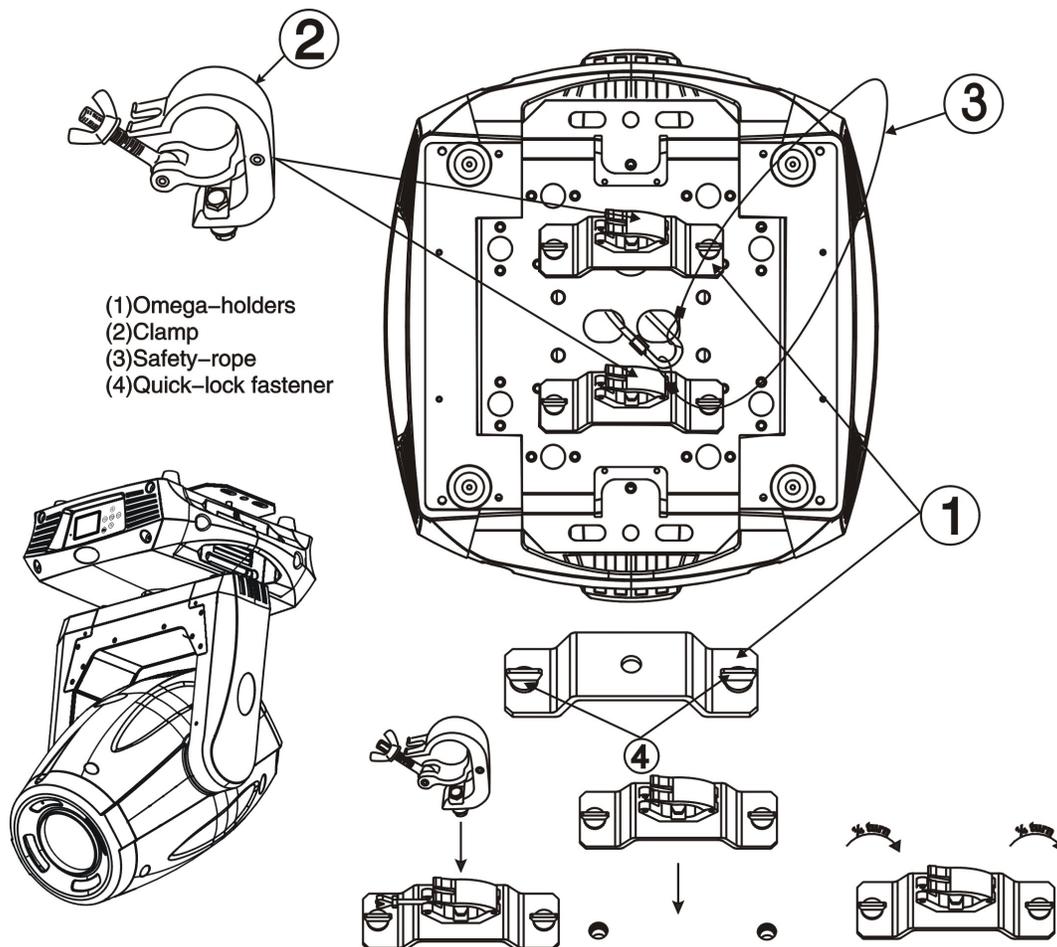


SAFETY CABLE

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 the included **Safety Cable** to the fixture using the safety cable rigging point integrated in the base assembly.



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 **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 SPOT III™
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	
	Secondary Mode	Secondary1, Secondary2, Secondary3		Secondary Setting	
	Auto Program	Primary / 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	
		LastRun Password	Password=XXX	Password 038	
		Clean Last Run	ON / OFF	Reset Fixture Last Run Time	
	Temperature Info	Head Temperature	XXX C° / F°	Temperature in Fixture Head	
	Fan Info	HeadFan1:	XXX RPM		
		HeadFan2:	XXX RPM		
	Software Version	1U01:	≥V1.3.0	Software Version	
		2U01:	≥V1.3.0		
		3U01:	≥V1.3.0		
		4U01:	≥V1.3.0		
5U01:		≥V1.3.0			
Error Info	Error Record 1 ~ Error Record 10		Pan....		
PERSONALITY	Status Settings	Address via DMX	ON /OFF	Address Via DMX	
		No DMX Status	Close Shutter / Hold / Auto Program	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 Mode Select	
		Hibernation	OFF, 01M~99M, 15M	Stand By Mode	
	Service Setting	Password	Password=XXX		Service Password 050
		RDM PID	XXXXX		RDM PID Code
		Clear Err. Info	ON/ OFF		Clear Error Information
	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	
	Dimmer Mode	Standard , Stage, TV, Architectural, Theatre		Set Dimmer Mode	
	Reset Default	ON/ OFF	Password 011		Restore Factory Settings

ELATION© PLATINUM SPOT III™ 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
Reset Function	Reset All			Reset All Motors
	Reset Pan&Tilt			Reset Pan/Tilt
	Reset Colors			Reset Color Wheel
	Reset Gobos			Reset Gobos
	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 - Set DMX Address

Define desired DMX address via the Control Panel.

FUNCTION - DMX Value

Display DMX 512 value of each channel.

FUNCTION - Secondary Mode

Define fixture secondary mode (**Secondary1, Secondary2, Secondary3**).

FUNCTION - Auto Program

Define fixture mode (**Primary 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**”.

INFORMATION - Time Information - Current Time

Displays fixture run time from last power ON.

The counter is reset after each time the fixture is powered OFF.

INFORMATION - Time Information - Total Run Time

Displays fixture total run time.

INFORMATION - Time Information - Last Run Time

Displays fixture run time for a given period of time (i.e. rental period).

This counter can be reset.

INFORMATION - Time Information - LastRun Password

Display the fixture timer password. **(038)**

INFORMATION - Time Information - Clean Last Run

Resets the last run time of the fixture.

INFORMATION - Temperature Info - Head Temperature

Displays temperature of the fixture.

INFORMATION - Fan Info

Displays RPM of both head fans in the fixture.

INFORMATION - Software Version

Displays software version for each of the (5) control PCBs of the fixture.

INFORMATION - Error Info

Displays last 10 Error Records of the fixture.

PERSONALITY - Status Settings - Address Via DMX

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 - Status Settings - No DMX Status

Define how fixture operates if NO DMX signal is detected.

PERSONALITY - Status Settings - Pan Reverse

When ON, all PAN movements are reversed (inverted).

PERSONALITY - Status Settings - Tilt Reverse

When ON, all TILT movements are reversed (inverted).

PERSONALITY - Status Settings – Pan Degree

Select desired maximum degree of the Pan movement.

PERSONALITY - Status Settings - Feedback

When ON, the fixture automatically performs PAN / TILT correction in the event either one is disrupted during normal operation.

PERSONALITY - Status Settings – Movement Speed

Select desired Movement Speed.

PERSONALITY - Status Settings – Hibernation

Select desired Hibernation time.

PERSONALITY – Service Setting - Password

Display the fixture timer password. **(050)**

PERSONALITY – Service Setting - RDM PID

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 – Service Setting - Clear Err. Info

Clear Error Information.

PERSONALITY – Fans Control

Select desired Fan setting.

PERSONALITY - Display Setting – Shutoff Time

Define how many minutes before the LCD Menu display will automatically shut OFF.

PERSONALITY - Display Setting – Display Reverse

When ON, the LCD Menu display by is rotated (inverted) 180°.

PERSONALITY - Display Setting – Key Lock

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

PERSONALITY – Temp C/F

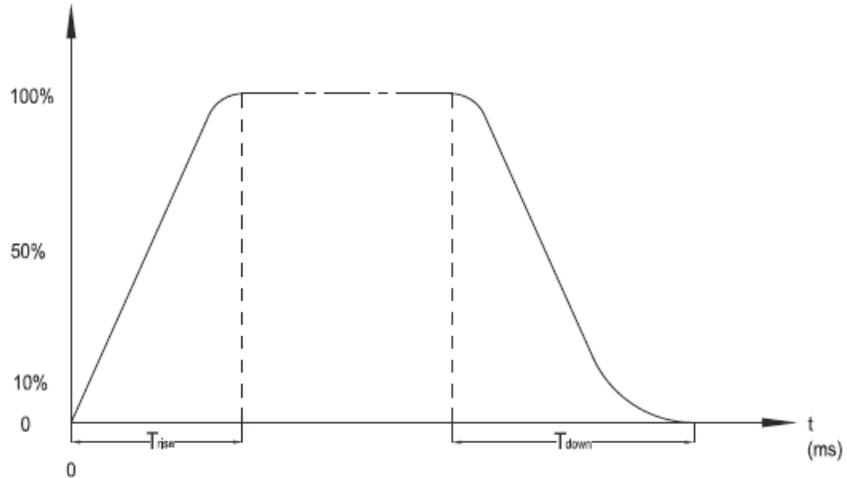
Define how fixture displays internal temperature (Celsius or **Fahrenheit**).

PERSONALITY – Initial Status

Create custom PAN/TILT and Effect settings and save as a custom Home Position.

PERSONALITY - Status Settings – Dimmer Mode

Select desired DIMMER MODE (**Standard**, Stage, TV, Architectural, Theatre).



Ramp Effect	0 255 OS (Fade Time)		0 255 1S (Fade Time)	
	T _{rise} (ms)	T _{down} (ms)	T _{rise} (ms)	T _{down} (ms)
Standard	0	0	0	0
Stage	780	1100	1540	1660
TV	1180	1520	1860	1940
Architectural	1380	1730	2040	2120
Theatre	1580	1940	2230	2280

PERSONALITY – Reset Default

When ON, all factory settings are restored. **Password (011)**

RESET FUNCTION - Reset ALL

Reset ALL internal motors to Home Position.

RESET FUNCTION - Reset Pan&Tilt

Reset only Pan & Tilt motors to Home Positions.

RESET FUNCTION - Reset Colors

Reset only Color Wheel to Home Position.

RESET FUNCTION - Reset Gobos

Reset only Gobo Wheels to Home Positions.

RESET FUNCTION - Reset Others

Reset ALL other motors not associated previously listed commands to Home Position.

EFFECT ADJUST – Test Channel

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

EFFECT ADJUST – Manual Control

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 – Calibration



ONLY QUALIFIED TECHNICIANS SHOULD PERFORM THIS FUNCTION.

This function allows small adjustments to be made to the effect wheels to compensate for wear 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 – User Mode

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

USER MODE SET – Edit User Mode

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 – Select Programs

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

EDIT PROGRAM – Edit Program

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

EDIT PROGRAM – Edit Scenes

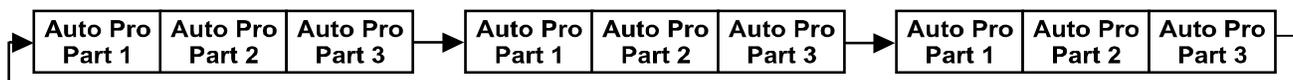
Edit any of the scenes of the internal Auto Programs.

EDIT PROGRAM – Record Controller

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 – Working With Built In Programs

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



The Secondary unit receives data from the Primary unit according to the group which the Secondary unit was assigned to. If e.g. a Secondary unit is set to **“Secondary 1”** in the menu **“Set to Secondary”**, the Primary unit sends **“Auto Program Part 1”** to the Secondary unit.

If set to **“Secondary 2”**, the Secondary unit receives **“Auto Program Part 2”**.

To start an Auto Program proceed as follows:

1. Secondary Setting

- Select **“Function Mode”**.
- Press **ENTER** to confirm.
- Select **“Set to Secondary”**.
- Press **ENTER** to confirm.
- Select **“Secondary 1”**, **“Secondary 2”** or **“Secondary 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 **“Primary”** or **“Alone”**.
- Press **ENTER** to confirm.

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

EDIT PROGRAM – Record Controller – Working With Built In Programs [continued]

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 Secondary program is to be sent. Selection “**Part 1**” means, that the Secondary unit runs the same program as the Primary 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 – Working With Built In Programs [continued]

Example:

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

Program 4 includes scenes: 8, 9, & 10

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

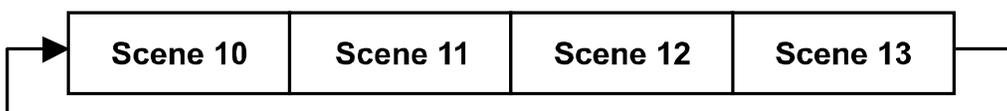
Auto Pro Part 1 is Program 2

Auto Pro Part 2 is Program 3

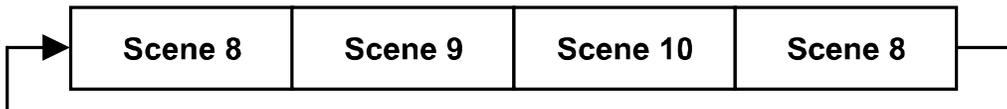
Auto Pro Part 3 is Program 6

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

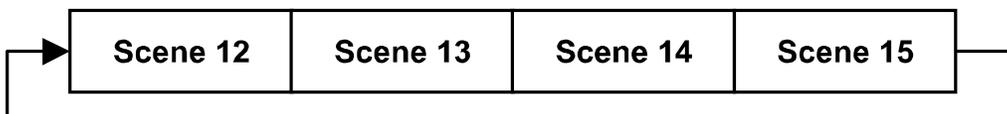
Part 1:



Part 2:



Part 3:



DMX CHANNEL FUNCTIONS AND VALUES

ELATION® PLATINUM SPOT III™				
DMX Channel Values / Functions Version 1 - (27 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 orientation of the fixture head.				
MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
1	1	1		PAN MOVEMENT [8 BIT]
			0-255	PAN Movement 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
	4	4		TILT MOVEMENT [16 BIT]
			0-255	Fine Control of TILT Movement
3	5	5		COLOR WHEEL
			0-15	OPEN / WHITE
			16-31	RED
			32-47	BLUE
			48-63	GREEN
			64-79	YELLOW
			80-95	MAGENTA
			96-111	ORANGE
			112-127	LIGHT BLUE
			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
4	6	7		ROTATING GOBOS, CONTINUOUS ROTATION [GOBO WHEEL 1]
			0-7	OPEN
			8-20	Rotating Gobo 1
			21-33	Rotating Gobo 2
			34-46	Rotating Gobo 3
			47-59	Rotating Gobo 4
			60-72	Rotating Gobo 5
			73-85	Rotating Gobo 6
			86-98	Rotating Gobo 7
			99-111	Gobo 1 Shake SLOW to FAST
			112-124	Gobo 2 Shake SLOW to FAST
			125-137	Gobo 3 Shake SLOW to FAST
			138-150	Gobo 4 Shake SLOW to FAST
			151-163	Gobo 5 Shake SLOW to FAST
			164-176	Gobo 6 Shake SLOW to FAST
			177-189	Gobo 7 Shake SLOW to FAST
			190-221	*Clockwise Gobo Wheel Rotation from FAST to SLOW
			222-223	NO Rotation
			224-255	*Counterclockwise Gobo Wheel Rotation from SLOW to FAST

ELATION® PLATINUM SPOT III™				
DMX Channel Values / Functions Version 1 - (27 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 orientation of the fixture head.				
MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
5	7	8		ROTATING GOBOS, INDEX ROTATION [GOBO WHEEL 1]
			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
		9		ROTATING GOBOS, FINE INDEX ROTATION [GOBO WHEEL 1]
			0-255	Gobo Rotation FINE Indexing
6	8	10		STATIC / FIXED GOBOS [GOBO WHEEL 2]
			0-7	OPEN
			8-20	Static / Fixed Gobo 1
			21-33	Static / Fixed Gobo 2
			34-46	Static / Fixed Gobo 3
			47-59	Static / Fixed Gobo 4
			60-72	Static / Fixed Gobo 5
			73-85	Static / Fixed Gobo 6
			86-98	Static / Fixed Gobo 7
			99-111	Shake SLOW to FAST Static / Fixed Gobo 1
			112-124	Shake SLOW to FAST Static / Fixed Gobo 2
			125-137	Shake SLOW to FAST Static / Fixed Gobo 3
			138-150	Shake SLOW to FAST Static / Fixed Gobo 4
			151-163	Shake SLOW to FAST Static / Fixed Gobo 5
			164-176	Shake SLOW to FAST Static / Fixed Gobo 6
			177-189	Shake SLOW to FAST Static / Fixed Gobo 7
			190-221	*Clockwise Gobo Wheel Rotation from FAST to SLOW
222-223	NO Rotation			
224-255	*Counterclockwise Gobo Wheel Rotation from SLOW to FAST			
7	9	11		3 FACET ROTATING PRISM, PRISM / GOBO MACROS
			0-31	OPEN
			32-127	3-FACET Prism
			128-135	Prism / Gobo Macro 1
			136-143	Prism / Gobo Macro 2
			144-151	Prism / Gobo Macro 3
			152-159	Prism / Gobo Macro 4
			160-167	Prism / Gobo Macro 5
			168-175	Prism / Gobo Macro 6
			176-183	Prism / Gobo Macro 7
			184-191	Prism / Gobo Macro 8
			192-199	Prism / Gobo Macro 9
			200-207	Prism / Gobo Macro 10
			208-215	Prism / Gobo Macro 11
			216-223	Prism / Gobo Macro 12
			224-231	Prism / Gobo Macro 13
			232-239	Prism / Gobo Macro 14
240-247	Prism / Gobo Macro 15			
248-255	Prism / Gobo Macro 16			

ELATION® PLATINUM SPOT III™			
DMX Channel Values / Functions Version 1 - (27 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 orientation of the fixture head.			
MODE / CHANNEL			FUNCTION
BASIC	STAND	EXTEND	
8	10	12	3-FACET ROTATING PRISM, INDEX ROTATION
			0-127 Prism Indexing
			128-189 *Clockwise Linear Prism Rotation from FAST to SLOW
			190-193 NO Rotation
		13	3-FACET ROTATING PRISM, FINE INDEX ROTATION
			0-255 Prism FINE Indexing
9	11	14	FOCUS
			0-255 Continuous Adjustment from FAR to NEAR
		15	FOCUS FINE
			0-255 Continuous FINE Focus Adjustment
10	12	16	MOTORIZED ZOOM
			0-255 ZOOM Adjustment from SMALL to BIG
		17	MOTORIZED ZOOM FINE
			0-255 ZOOM FINE Adjustment
11	13	18	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)			
12	14	19	DIMMER INTENSITY
			0-255 Intensity 0 to 100%
		20	DIMMER INTENSITY FINE
			0-255 Dimmer Intensity FINE Adjustment
13	15	21	DIMMING MODE
			0-20 Standard
			21-40 Stage
			41-60 TV
			61-80 Architectural
			81-100 Theatre
			101-255 Default to Unit Setting
14	16	22	FROST
			0-127 OPEN
			128-255 100% Frost
15	17	23	IRIS
			0-191 MAX to MIN Diameter
			192-223 Pulse Opening FAST to SLOW
			224-255 Pulse Closing SLOW to FAST
		24	IRIS
			0-255 Iris FINE Adjustment

ELATION® PLATINUM SPOT III™				
DMX Channel Values / Functions Version 1 - (27 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 orientation of the fixture head.				
MODE / CHANNEL			VALUE	FUNCTION
BASIC	STAND	EXTEND		
16	18	25		BI-DIRECTIONAL ANIMATION WHEEL
			0-7	NO Function
			8-255	Animation Movement SLOW to FAST
17	19	26		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
18	20	27		SPECIAL FUNCTIONS
			0-19	Color & Gobo Change Normal
			20-29	Color Change to Any Position
			30-39	Color & Gobo Change to Any Position
			40-59	NO Function
			60-79	NO Function
			80-84	ALL Motor Reset
			85-87	SCAN Motor Reset
			88-90	COLORS Motor Reset
			91-93	GOBOS Motor Reset
			94-96	NO Function
			97-99	OTHER Motor Reset
			100-119	Internal Program 1 (Scene 1-8)
			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	NO Function			

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”** where 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 have 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 SPOT III™ ERROR CODES	
Specifications and features 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 1 Er	The Gobo Wheel 1 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 stepper motor failure (defective motor or defective motor IC drive on main PCB).
Gobo Rot.1 Er	The Gobo Rot.1 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 Wheel 2 Er	The Gobo Wheel 2 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 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).
Iris Er	The Iris 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 SPOT III™ 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).
Animation Er	The Animation 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).

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. Loose 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

230W Cool White LED Engine
60,000 Hour Average LED Life

EFFECTS

16° - 32° Motorized Zoom
Bi-Directional Variable Speed Animation Wheel
3-Facet Rotating Prism and Prism Macros
Frost Filter Hybrid Wash Effect
Motorized Zoom, Iris and Focus
High Speed Mechanical Shutter and Strobe
Variable Dimming Curves

COLOR

8 Dichroic Colors

GOBOS

7 Interchangeable-Rotating / Indexing Gobos
7 Static-Stamped Metal Gobos

CONTROL / CONNECTIONS

(3) DMX Channel Modes (18 / 20 / 27)
RDM (Remote Device Management)
6 Button Touch Control Panel
Full Color 180° Reversible LCD Menu Display
8 / 16 Bit Resolution Adjustable Movement
3pin & 5pin DMX In/Out

SIZE / WEIGHT

Length: 14.8" (375mm)
Width: 15.1" (384mm)
Vertical Height: 23.7" (601mm)
Weight: 46.0 lbs. (20.8 kg)

ELECTRICAL / THERMAL

AC 100-240V - 50/60Hz
350W Max Power Consumption
-13°F to 113°F (-25°C to 45°C)

APPROVALS / RATINGS

CE | RoHs Compliant | IP20

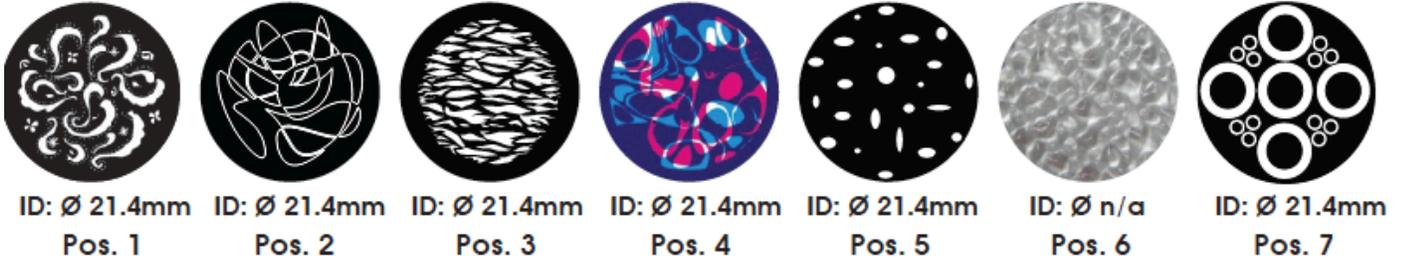
Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

COLORS AND GOBOS

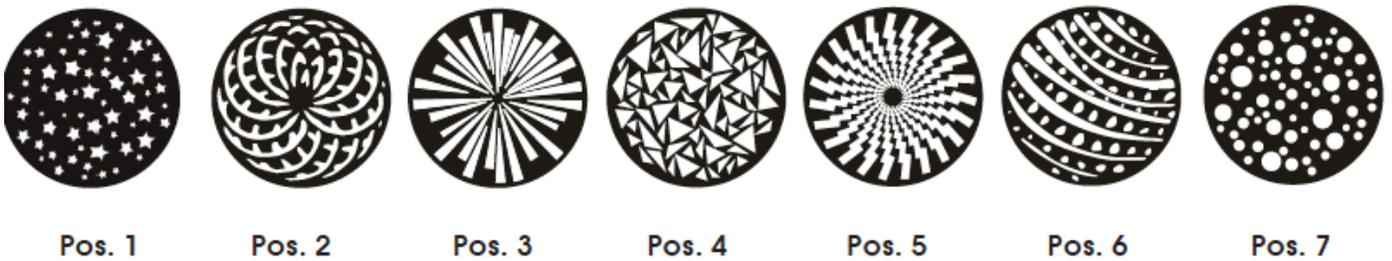
COLOR WHEEL



INTERCHANGEABLE-ROTATING GOBO WHEEL 1 - OD: Ø26.8mm**



STATIC-STAMPED GOBO WHEEL 2



BI-DIRECTIONAL ANIMATION WHEEL



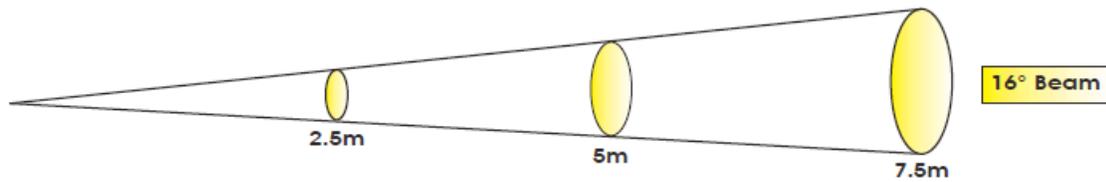
**IMPORTANT NOTICE REGARDING GOBO DIMENSIONS AND CUSTOM GOBOS

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.

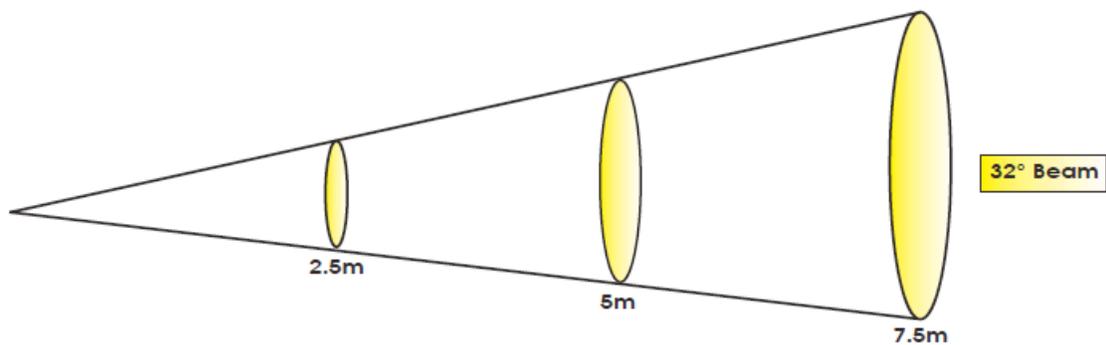
Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

PHOTOMETRIC DATA



16° MIN ZOOM

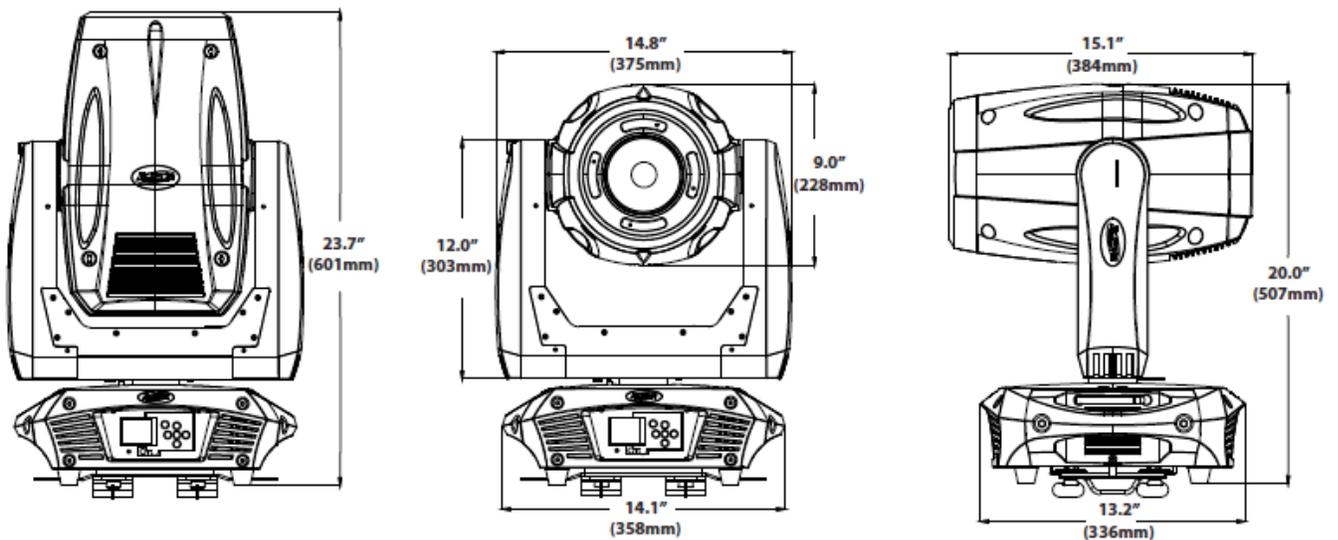
Distance	2.5m	8.2 ft	5m	16.4 ft	7.5m	24.6 ft
Diameter	0.7	2.3	1.4	4.6	2.1	6.9
Photometrics	lux	fc	lux	fc	lux	fc
FULL ON	17,500	1,626	4,450	413	2,178	202



32° MAX ZOOM

Distance	2.5m	8.2 ft	5m	16.4 ft	7.5m	24.6 ft
Diameter	1.43	4.7	2.86	9.4	4.29	14.1
Photometrics	lux	fc	lux	fc	lux	fc
FULL ON	5,373	499	1,438	134	700	65

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
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

