



FUZE SPOT™

user manual

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DOCUMENT VERSION



Due to additional product features and/or enhancements, an updated version of this document may be available online. Please scan the QR Code with your mobile device or visit www.elationlighting.com for the latest revision/update of this manual, before installation and/or programming.

| Date | Document Version | Software Version ≥ | DMX Channel Modes | Notes |
|----------|---------------------|-----------------------|----------------------------------|---------------------------------------|
| 08/15/19 | 1.0 | 1.0.3 | (RGBMA 31 / 41) (CMY 29 / 37) | Initial release. |
| 08/27/19 | 1.1 | N/C | NO CHANGE | Updated default DMX values for RGBMA. |

CONTENTS

| General Information | 4 |
|----------------------------------|----|
| Warranty Returns (USA Only) | 5 |
| Safety Guidelines | 6 |
| Maintenance Guidelines | 8 |
| Fixture Overview | 9 |
| Colors | 10 |
| Gobos and Animation | 11 |
| Custom Gobos | 12 |
| Gobo Replacement | 13 |
| Snoot Installation | 17 |
| Installation Guidelines | 18 |
| System Menu | 21 |
| LED Color Programming Guidelines | 24 |
| DMX Channel Functions and Values | 25 |
| Color Temperature Table | 34 |
| Virtual Gel Swatch Book Table | 35 |
| Error Codes | 36 |
| Specifications | 37 |
| Optional Accessories | 40 |

GENERAL INFORMATION

INTRODUCTION

Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this device. These instructions contain important safety and use information.

UNPACKING

Every device 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 is damaged, carefully inspect the device for damage, and be sure all accessories necessary to install and operate the device 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 device to your dealer without first contacting customer support. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

BOX CONTENTS

Snoot Omega Brackets (x2) Neutrik powerCON TRUE1 Power Cable

CUSTOMER SUPPORT

Contact **ELATION Service** for any product related service and support needs. Also visit forums.elationlighting.com with questions, comments or suggestions.

ELATION SERVICE USA - Monday - Friday 8:00am to 4:30pm PST 323-582-3322 | Fax 323-832-9142 | support@elationlighting.com

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REPLACEMENT PARTS please visit parts.elationlighting.com



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 INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURES WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/OR REPAIRS.

WARRANTY RETURNS (USA ONLY)

To obtain warranty service, a Return Materials Authorization (RMA) number must first be obtained from ELATION. It is the Customer's responsibility to provide product proof of purchase and serial number by acceptable evidence such as an invoice copy or an approved ELATION Extended Warranty Certificate ("EWC") and any relevant maintenance records at the time warranty service is sought. Failure to provide acceptable evidence of product proof of purchase or EWC and any relevant maintenance records may be cause for denial of warranty service.

Products returned for warranty service must be sent without any accessories (i.e., power, data, and safety cables, brackets, clamps, rigging hardware, frost filters, gel frames, barn doors, lens, hoses, nozzles, rack mounting hardware, etc.), must be boxed using the original and/or suitable packaging materials (double-box and foam) that provides ample product protection for ground and/or air freight transit, and must be shipped freight pre-paid and insured to ELATION in Los Angeles, CA or an ELATION Authorized Service Center. The RMA number must be clearly written on the outside of the return box, and a brief description of the problem and the RMA number must be documented and included in the box.

Products returned for warranty service without an RMA number clearly marked on the outside of the package will be refused and returned to the shipper at the Customer's expense. Products returned for warranty service, which are received damaged due to inadequate and/or improper packaging and/or due to damage caused by shipping carrier, may incur additional repair charges before warranty service begins and/or may void this warranty. If any product accessories (included and/or optional) are shipped with the product, ELATION and/or the ELATION Authorized Service Center shall have no liability what so ever for the loss and/or damage to any such accessories, nor the safe return thereof. If the requested warranty repairs or service (including parts replacement) are within the terms of this warranty, ELATION will pay return ground transportation shipping charges to a single designated point within the United States.

SAFETY GUIDELINES

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



PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED



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 INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURES WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/OR REPAIRS.



DO NOT PLUG FIXTURE INTO A DIMMER PACK!

NEVER OPEN THIS FIXTURE WHILE IN USE!

UNPLUG POWER BEFORE SERVICING FIXTURE!

NEVER TOUCH FIXTURE DURING OPERATION, AS IT MAY BE HOT!

KEEP FLAMMABLE MATERIALS AWAY FROM FIXTURE!



NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE!
RETINA INJURY RISK - MAY INDUCE BLINDNESS!
SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!



INDOOR / DRY LOCATIONS USE ONLY!
DO NOT EXPOSE FIXTURE TO RAIN AND MOISTURE!



MINIMUM DISTANCE TO OBJECTS/SURFACES
MUST BE 1.6 FOOT (0.5 METER)
MINIMUM DISTANCE OF INFLAMMABLE MATERIALS
FROM THE SURFACE 1.6 FEET (0.5 METER)
MAXIMUM AMBIENT OPERATING TEMPERATURE 113°F (45°C)

SAFETY GUIDELINES

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

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

DO NOT operate fixture if the power cord is frayed, crimped, damaged and/or if any of the power cord connectors are damaged and do not insert into the fixture securely with ease. **NEVER** force a power cord connector into the fixture. If the power cord or any of its connectors are damaged, replace it immediately with a new one of similar power rating.

DO NOT block any air ventilation slots.

All fan and air inlets must remain clean and never blocked.

Allow approx. 6" (15cm) between fixture and other devices or a wall for proper cooling. Always disconnect fixture from main power source before performing any type of service and/or cleaning procedure. Only handle the power cord by the plug end, never pull out the plug by tugging the wire portion of the cord.

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

ONLY use the original packaging and materials to transport the fixture in for service.

MAINTENANCE GUIDELINES



DISCONNECT POWER BEFORE PERFORMING ANY 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 an authorized Elation dealer.

Please refer to the following points during routine inspections:

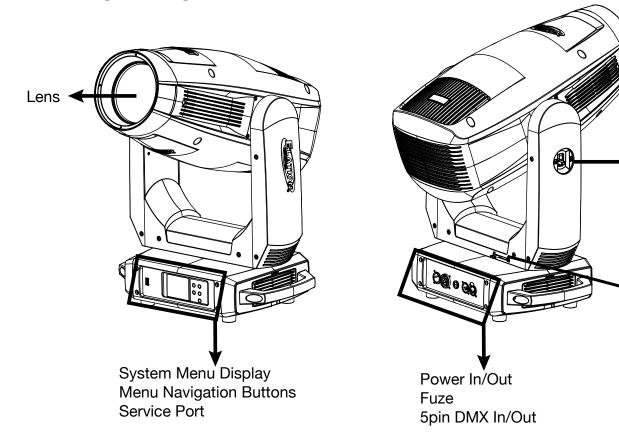
A detailed electric check by an approved electrical engineer every three months, to make sure the circuit contacts are in good condition and prevent overheating.

Be sure all screws and fasteners are securely tightened at all times. Lose screws may fall out during normal operation resulting in damage or injury as larger parts could fall.

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

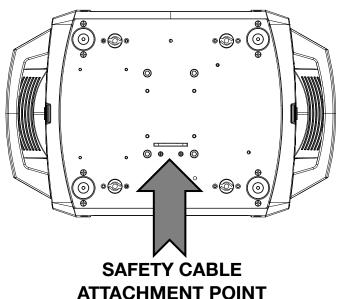
Electric power supply cables must not show any damage, material fatigue or sediments. **NEVER** remove the ground prong from the power cable.

FIXTURE OVERVIEW



► Tilt Lock

Pan Lock





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

COLORS

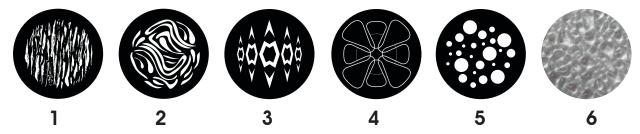
| Colors | Color Temperature | Green Shift |
|---------|-------------------|-----------------------------|
| Cyan | | |
| Magenta | | Full Minus Green to Neutral |
| Yellow | | |
| Red | 0700V 9500V | Neutral White |
| Green | 2700K – 8500K | ineutral writte |
| Blue | | |
| Mint | | Neutral to Full Plus Green |
| Amber | | |

Virtual Gel Swatch Book Colors

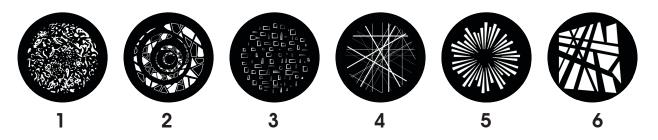
| 7 | Pale Yellow | 157 | Pink | 68 | Sky Blue |
|-----|-------------------|-----|-------------------|-----|-------------------|
| 103 | Straw | 36 | Medium Pink | 143 | Pale Navy Blue |
| 151 | Gold Tint | 111 | Dark Pink | 131 | Marine Blue |
| 100 | Spring Yellow | 128 | Bright Pink | 115 | Peacock Blue |
| 10 | Medium Yellow | 148 | Bright Rose | 172 | Lagoon Blue |
| 101 | Yellow | 332 | Special Rose Pink | 116 | Medium Blue Green |
| 104 | Deep Amber | 793 | Vanity Fair | 90 | Dark Yellow Green |
| 15 | Deep Straw | 113 | Magenta | 139 | Primary Green |
| 179 | Loving Amber | 46 | Dark Magenta | 122 | Fern Green |
| 21 | Gold Amber | 48 | Rose Purple | 89 | Moss Green |
| 105 | Orange | 126 | Mauve | 124 | Dark Green |
| 158 | Deep Orange | 49 | Medium Purple | 88 | Lime Green |
| 22 | Dark Amber | 58 | Lavender | 138 | Pale Green |
| 778 | Millennium Gold | 199 | Palace Blue | 203 | Quarter CT Blue |
| 135 | Deep Golden Amber | 119 | Dark Blue | 202 | Half CT Blue |
| 24 | Scarlet | 132 | Medium Blue | 201 | FULL CT Blue |
| 106 | Primary Red | 120 | Deep Blue | 200 | Double CT Blue |
| 26 | Bright Red | 165 | Daylight Blue | 206 | Quarter CT Orange |
| 27 | Medium Red | 161 | Slate Blue | 205 | Half CT Orange |
| 19 | Fire | 118 | Light Blue | 204 | FULL CT Orange |

GOBOS AND ANIMATION WHEELS

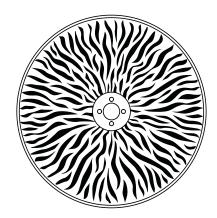
INTERCHANGEABLE-ROTATING GLASS GOBO WHEEL 1



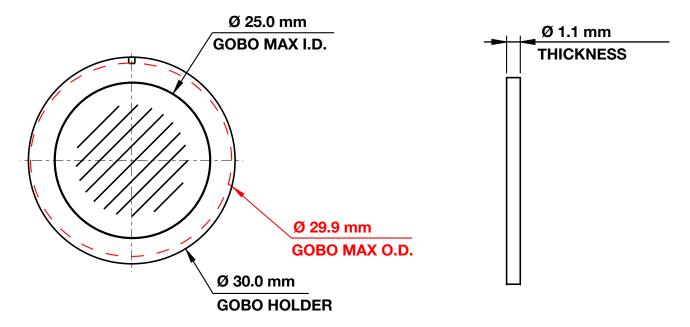
INTERCHANGEABLE-ROTATING GLASS GOBO WHEEL 2



ANIMATION WHEEL



CUSTOM GOBOS



| FUZE SPOT ROTATING GLASS GOBOS - WHEELS 1 & 2 | | | | | | |
|--|--------------------------------|--|--|--|--|--|
| Gobo O.D. (Max. Outer Diameter) | ф29.9mm | | | | | |
| Gobo I.D. (Max. Image Diameter) | ф25.0mm | | | | | |
| Gobo Holder Diameter | ф30.0mm | | | | | |
| Gobo Thickness | ф 1.1mm | | | | | |
| Gobo Material | High Temp Glass (Max 600C°) | | | | | |

* * * IMPORTANT NOTICE REGARDING CUSTOM GOBOS * * *

Due to the high temperature optical system, special material as listed above is required for custom gobos. Due to varying manufacturing processes and tolerances, it is highly recommended to provide a gobo sample and holder from the fixture to the custom gobo vendor for accurate sizing. Extended testing of custom gobo designs is highly recommended prior to use. Contact ELATION SERVICE for further information.

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1. Before removing covers, place fixture on a stable flat surface in an **INDOOR DUST FREE** location. Ensure moving head is locked into a neutral upright position with both **PAN** and **TILT** locks engaged.

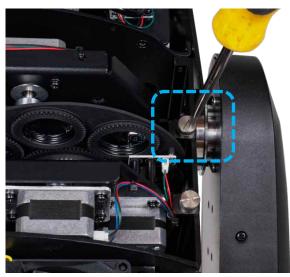


2. Unfasten and remove the front and back panels; each are secured with (4x) ¼-turn Phillips-head screws. (These screws are integrally installed in both panels and cannot be removed.) With the panel screws unfastened, unclip their safety cables to remove them completely from the fixture.

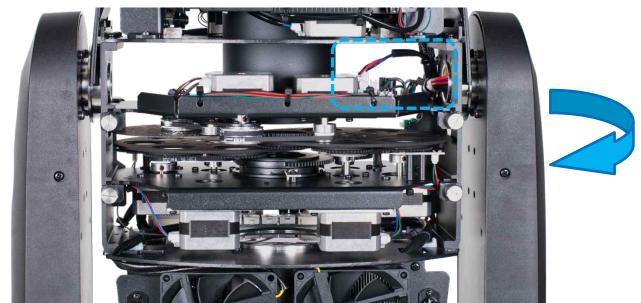




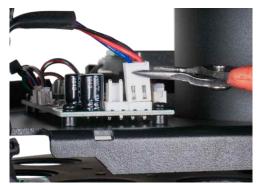




3. The Control Module impedes the removal of the GOBO Wheel Module and will need to be removed to access the GOBO Wheel Module. The Control Module is secured to the fixture frame rail with (2x) slotted thumb screws.



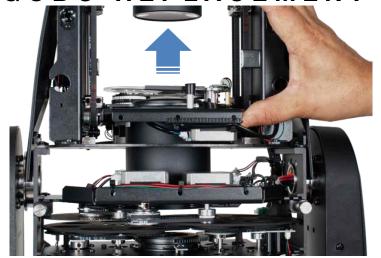
4. To disconnect the Control Module, rotate the gimble to access the two connectors on opposite side.

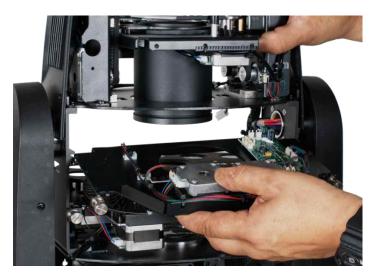




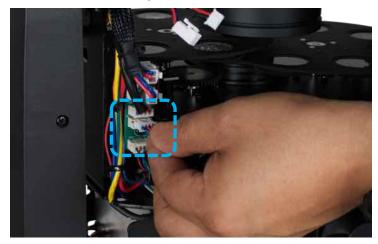


5. Locate the 2-pin and 4-pin Control Module connectors and carefully unplug them from their connector bases. **DO NOT USE FORCE TO REMOVE CONNECTORS!**





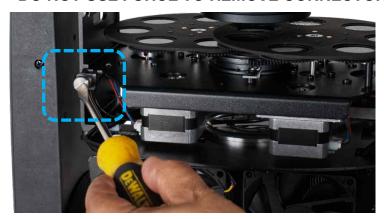
6. Impeding the removal of the Control Module is the lens housing of the Lens Module, which is set within the lens aperture. Lift the Lens Module to clear the lens housing from the lens aperture in the Control Module. With the Lens Module lifted, carefully grip the Control Module and slide it out and away to clear the mounting rails.





7. Locate the 4-pin GOBO Wheel Module connector and carefully unplug it from the connector base.

DO NOT USE FORCE TO REMOVE CONNECTOR!





8. Loosen the (2x) slotted thumb screws that secure the GOBO Wheel Module.



9. Carefully grip the GOBO Wheel module and slide it out and away to clear the mounting rails, and then carefully place the module on a stable flat surface in an **INDOOR DUST FREE** location.



10. REPLACING A ROTATING GOBO Locate the specific Rotating GOBO to replace. Carefully grip the GOBO Holder using your index finger and gently lift it slightly, and then with your fingers pull it out and away until it fully clears the GOBO Wheel. Now locate the tab of the spring, and with a precision pick (or similar tool), carefully press retaining spring inward to relieve tension.

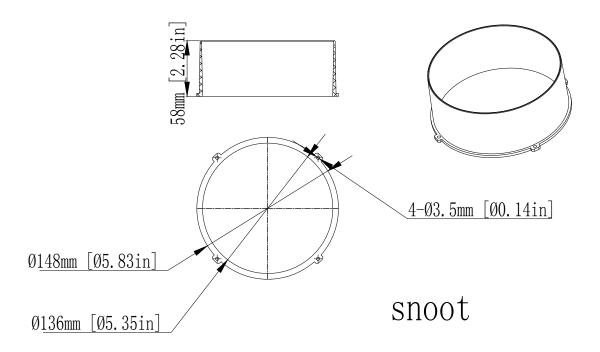


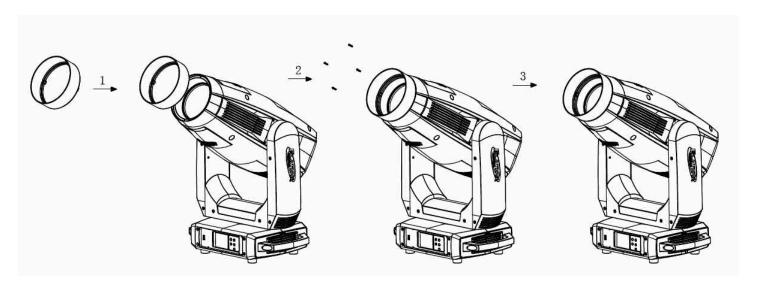
11. Remove the retaining spring and carefully separate the GOBO from the GOBO Holder. Install the replacement Rotating GOBO following the steps above in reverse order.



CAUTION: TAKE CARE NOT TO SCRATCH GOBO OR GOBO HOLDER

SNOOT INSTALLATION





- 1. Place fixture on the stable flat surface and let cool for 15mins.
- 2. Align Snoot onto front lens so 4 screw holes on snoot match 4 screw holes on lens.
- 3. Carefully using a hand screwdriver, insert/secure included 4 screws.
- 4. Check Snoot to confirm it is seated properly and all 4 screws are secure.



DO NOT OVER TIGHTEN SCREWS! DO NOT USE A POWER SCREWDRIVER!

INSTALLATION GUIDELINES



FLAMMABLE MATERIAL WARNING

Keep fixture minimum 5.0 feet (1.5m) away from flammable materials and/or pyrotechnics.



ELECTRICAL CONNECTIONS

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



USE CAUTION WHEN POWER LINKING OTHER MODEL FIXTURES AS THE POWER CONSUMPTION OF OTHER MODEL FIXTURES MAY EXCEED THE MAX POWER OUTPUT ON THIS FIXTURE. CHECK SILK SCREEN FOR MAX AMPS.



MINIMUM DISTANCE TO OBJECTS/SURFACES MUST BE 1 FOOT (0.3 METERS)



MINIMUM DISTANCE OF INFLAMMABLE MATERIALS FROM THE SURFACE 1.6 FEET (0.5 METER)



MAXIMUM AMBIENT TEMPERATURE 113° F (45°C)



DO NOT INSTALL THE FIXTURE IF YOU ARE NOT QUALIFIED TO DO SO!

Fixture **MUST** be installed following all local, national, and country commercial electrical and construction codes and regulations.

Before rigging/mounting a single fixture or multiple fixtures to any metal truss/structure or placing the fixture(s) on any surface, a professional equipment installer **MUST** be consulted to determine if the metal truss/structure or surface is properly certified to safely hold the combined weight of the fixture(s), clamps, cables, and accessories.

Overhead rigging requires extensive experience, including amongst others calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the fixture. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.

Fixture(s) should be installed in areas outside walking paths, seating areas, or away from areas were unauthorized personnel might reach the fixture by hand.

NEVER stand directly below the fixture(s) when rigging, removing or servicing.

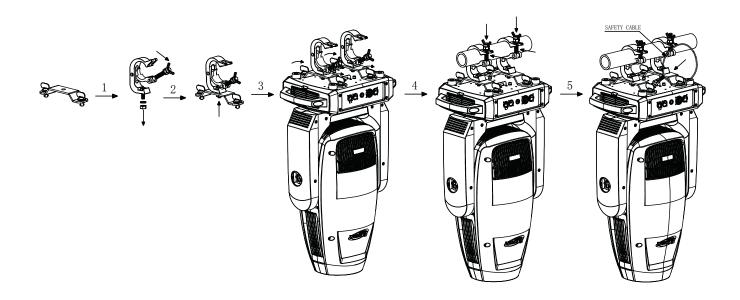
Overhead fixture installation must always be secured with a secondary safety attachment, such as an appropriately rated safety cable.

Allow approximately 15 minutes for the fixture to cool down before serving.

INSTALLATION GUIDELINES

OMEGA BRACKETS INSTALLATION

Insert the Omega Brackets into the matching holes on the bottom of the fixture. Secure the Omega Brackets to the fixture by turning each quick-lock fastener ¼ turn clockwise; making sure the fastener is completely locked. Omega Brackets can be installed into the fixture base as illustrated below.



CLAMP INSTALLATION

When mounting fixture to truss, be sure to secure an appropriately rated professional grade rigging clamp to the included **Omega Brackets** using an M10 screw fitted through the center hole of the **Omega Brackets**. The fixture provides a built-in rigging points for a **SAFETY CABLE**. Be sure to only use one of the designated rigging points for the safety cable and never secure a safety cable to a carrying handle.

RIGGING

Overhead rigging requires extensive experience, including amongst others calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the fixture. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.



ALWAYS ATTACH AN APPROPRIATELY RATED SAFETY CABLE (NOT INCLUDED)
THAT MEETS ALL LOCAL, NATIONAL, AND COUNTRY CODES AND REGULATIONS
WHENEVER INSTALLING FIXTURE IN A SUSPENDED ENVIRONMENT!

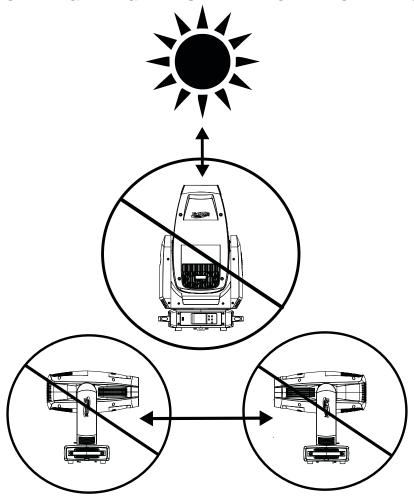
INSTALLATION GUIDELINES

POTENTIAL INTERNAL FIXTURE DAMAGE FROM EXTERNAL SOURCES OF LIGHT BEAMS

External sources of light beams from direct sunlight, lighting moving head fixtures, and lasers, which are focused directly towards the exterior housing and/or penetrate the front lens opening of ELATION lighting fixtures, can cause severe internal damage including burning to optics, dichroic color filters, glass and metal gobos, prisms, animation wheels, frost filters, iris, shutters, motors, belts, wiring, discharge lamps, and LEDs.

This issue is not specific only to ELATION lighting fixtures, it is a common issue with lighting fixtures from all manufacturers. Although there is no true way to fully prevent this issue from happening, the guidelines below can prevent any potential damage from occurring if followed. Contact ELATION Service for more details.

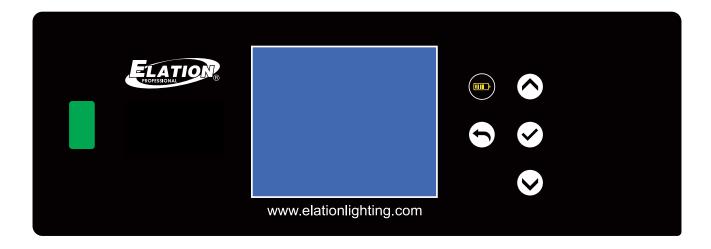
DO NOT EXPOSE THE FIXTURE AND/OR FRONT LENS OPENING TO LIGHT BEAMS FROM DIRECT SUNLIGHT, OTHER LIGHTING MOVING HEAD FIXTURES, AND LASERS WHILE UNPACKING, INSTALLATION, USE, AND EXTENDED IDLE TIMES OUTDOORS. DO NOT FOCUS A LIGHT BEAM FROM ONE LIGHTING FIXTURE DIRECTLY TOWARDS ANOTHER.



SYSTEM MENU

The fixture includes an easy to navigate system menu. The LCD touch panel display located on the front of the fixture (see image below), provides access to the main system menu and is where all necessary system adjustments are made to the fixture. During normal operation, pressing the ENTER (Check Mark) button once will access the fixture's main menu. Once in the main menu you can navigate through the different functions and access the submenus with the UP and DOWN buttons. Once you reach a field that requires adjusting, press the ENTER button to activate that field and use the UP and DOWN buttons to adjust the field. Pressing the ENTER button once more will confirm your setting. You may exit the main menu at any time without making any adjustments by pressing the ESC (Back Arrow) button.

To access the LCD Menu Control Display via the internal battery, press and hold the **BATTERY ICON** button for 3 seconds. The LCD Menu Control Display will shut **OFF** automatically about 1 minute from the last button press.



| | ELATION FU | JZE | SPOT™ - SYSTEM | MENU |
|--------------|------------------|----------------------------|---|---|
| | Support | ts So | oftware Versions: ≥ 1.0 | 03 |
| | DMX Address | AO | 01 ~ AXXX | |
| DMX Settings | DMX Channel Mode | | andard, Extend | |
| DWX Cettings | No DMX Status | Но | Id Last, Blackout, Interna | al Programs |
| | Master | ON | I / OFF | |
| | Slave | ON | I / OFF | |
| | Status Settings | Tilt Pai Pai Pai | n Invert Invert n/Tilt Feedback n Degree n/TiltSpeed pernation | ON / OFF ON / OFF ON / OFF 630/540 Speed 1 ~ 4 OFF/ 01M~99M, 15M |
| | Fan Settings | Au | to, High, Silent | |
| | Dim Modes | Arc Sta | andard, Stage, TV, chitectural, Theatre, age 2, n Speed | 0s , 0.1s, 0.2s, 0.3s, 0.4s, 0.5s, 0.6s, 0.7s, 0.8s, 0.9s, 1.0s, 1.5s, 2.0s, 3.0s, 4.0s, 5.0s, 6.0s, 7.0s, 8.0s, 9.0s, 10s |
| | Dim Curves | Linear, Square, Square Inv | | erse, S-Curve |
| | LED Refresh Rate | | 00Hz, 900-1500Hz, 2500 00Hz, 10KHz, 15KHz, 20 | |
| | | Re | set All Motors | YES / NO |
| _ | | Pai | n/Tilt Reset | YES / NO |
| Personality | Reset Motors | Со | lor Reset | YES / NO |
| | neset iviolors | Gobo Reset | | YES / NO |
| | | Foo | cus and Zoom reset | YES / NO |
| | | Other motor reset | | YES / NO |
| | | Sci | reen Saver Delay | 001 -10M/ OFF |
| | Display | Τοι | uch Screen Lock | OFF/ON |
| | | Ro | tate Display 180° | YES / NO |
| | Temp Unit | C/ | F | |
| | | P a s | Calibration | Pan 000-255 Tilt 000-255 Color 000-255 |
| | | С | | Shutter 000-255 |
| | Service | o d e | USB Software Update | YES / NO |
| | | 0 5 0 | Factory Restore | YES / NO |

| Manual Control | Pan Pan Fine Tilt Tilt Fine Red Control | 000-255 000-255 000-255 000-255 000-255 | | | |
|-------------------|---|--|---|----------------|---------------|
| | | Speed | 000-255 | | |
| | Program 0 | Fade | 000-255 | | |
| | Program 1 | Speed | 000-255 | | |
| lusta wa al | 1 Togram 1 | Fade | 000-255 | | |
| Internal | Program 2 | Speed | 000-255 | | |
| Programs | | Fade | 000-255 000-255 | | |
| | Program 3 | Speed Fade | 000-255 | | |
| | | | | | |
| | | Speed | 000-255 | |] |
| | Program 16 | Fade | 000-255 | | |
| | Fixture Life Time | Power On Time | xxxxxx Hours | | |
| | Fixture Last Run Time | Power On ResetableTime | xxxxxx Hours | | |
| | Tixture Last Hull Time | Power On Time Reset | | | |
| | | | Current | | xxx F / xxx C |
| | | LED's | Max Resettable | | xxx F / xxx C |
| | Fixture Temperatures | | Max Not Resett | table | xxx F / xxx C |
| | | Reset LED Temp | | | |
| | | Base Temp | Current | | xxx F / xxx C |
| | Fan Info. | LED_fan RPM | 1_Fan Standby 2_Fan Standby 3_Fan Standby 4_Fan Standby | | |
| Information | | Base_fan RPM | Base_Fan Standby | | |
| | DMX Values | Pan, Tilt,, Control | 000-255 | | |
| | Product ID's | RDM UID | 00000 | | |
| | Error Logs | Fixture Errors | Error1, Error2, . | | |
| | Elloi Logs | Reset Error Log | Passcode Y | /ES/ NO | |
| | Software Version | 1U:V1.0.3 2U:V1.0.3 3U:V1.0.3 4U:V1.0.3 5U:V1.0.3 6U:V1.0.3 | | | |

COLOR LED PROGRAMMING GUIDELINES

The fixture utilizes an advanced additive LED light engine that contains Red, Green, Blue, Mint and Amber LED which when combined, provides a brilliant high CRI White. Using a 5-color LED engine allows the fixture to have a wide color gamut which offers robust saturated colors as well as a wide range of pastel and theatrical colors.

Programming a 5-color LED engine is a bit more time consuming than the more common 3-color CMY (Cyan, Yellow, Magenta) or RGB (Red, Blue Green) systems. To help ensure optimal performance of the fixture, it is highly suggested to try out the multiple DMX control modes to understand specifically how they work with color before programming a full show. A couple suggested modes are listed below.

The **CMY Extended** DMX control mode provides a "natural" color mix which is compatible with color pickers of most lighting consoles and includes 16-bit color control.

The **Extended** RGBMA (Red, Green, Blue, Mint, Amber) DMX control mode provides slightly higher precision color mixes but may be require additional time to find the right values for all 5-color LEDs to achieve a specific desired color.

DMX CHANNEL FUNCTIONS AND VALUES

FUZE SPOT™ DMX Channel Values / Functions (41 DMX Channels)

Supports Software Versions: ≥ 1.0.3

Features subject to change without any prior written notice.

| MODE / CHANNEL | | | | | | | |
|----------------|----------|-----|-----------------|-------|-------------------------------|---------|------|
| Standard | Extended | СМҮ | CMY Extended | VALUE | FUNCTION | DEFAULT | SNAP |
| 1 | 1 | 1 | 1 | | PAN Movement 8bit | 127 | |
| I | Į | I | Į. | 0-255 | Pan Movement | 127 | |
| 2 | 2 | 2 | 2 | | Pan Fine 16bit | 127 | |
| 2 | ۷ | | ۷ | 0-255 | Fine Control of Pan Movement | 121 | |
| 3 | 3 | 3 | 3 | | TILT Movement 8bit | 127 | |
| 3 | 3 | 3 | 3 | 0-255 | Tilt Movement | 121 | |
| 4 | 4 | 4 | 4 | | Tilt Fine 16bit | 127 | |
| 4 | 4 | 4 | 4 | 0-255 | Fine Control of Tilt Movement | 127 | |
| | | 5 | 5 | | Cyan | 0 | |
| | | 5 | 5 | 0-255 | 0 → 100% | U | |
| | | | 6 | | Cyan Fine | 0 | |
| | | | 0 | 0-255 | Fine Cyan Control | U | |
| | | 6 | 7 | | Magenta | 0 | |
| | | b | , | 0-255 | 0 → 100% | | |
| | | | 8 | | Magenta Fine | 0 | |
| | | | 0 | 0-255 | Fine Magenta Control | U | |
| | | 7 | 9 | | Yellow | 0 | |
| | | , | 9 | 0-255 | 0 → 100% | U | |
| | | | 10 | | Yellow Fine | 0 | |
| | | | 10 | 0-255 | Fine Yellow Control | U | |
| 5 | 5 | | | | Red | 255 | |
| 5 | 5 | | | 0-255 | 0 → 100% | 255 | |
| | 6 | | | | Red Fine | 255 | |
| | O | | | 0-255 | Fine Red Control | 255 | |
| 6 | 7 | | | | Green | 255 | |
| U | , | | | 0-255 | 0 → 100% | 233 | |
| | 8 | | | | Green Fine | 255 | |
| | O | | | 0-255 | Fine Green Control | 200 | |
| 7 | 9 | | | | Blue | 255 | |
| , | 9 | | | 0-255 | 0 → 100% | 200 | |
| | 10 | | | | Blue Fine | 255 | |
| | 10 | | | 0-255 | Fine Blue Control | 200 | |

| | MODE / CHANNEL | | | | | | |
|----------|----------------|-----|-----------------|---------|--|---------|------|
| Standard | Extended | СМҮ | CMY Extended | VALUE | FUNCTION | DEFAULT | SNAP |
| 0 | 4.4 | | | | Mint | 055 | |
| 8 | 11 | | | 0-255 | 0 → 100% | 255 | |
| | 10 | | | | Mint Fine | 055 | |
| | 12 | | | 0-255 | Fine Mint Control | 255 | |
| 9 | 13 | | | | Amber | 255 | |
| 9 | 13 | | | 0-255 | 0 → 100% | 200 | |
| | 14 | | | | Amber Fine | 255 | |
| | 14 | | | 0-255 | Fine Amber Control | 200 | |
| | | | | | Color Temperature Control | | |
| | | | | 0-23 | Disabled | | |
| 10 | 15 | 8 | 11 | 24 -85 | 2400K to 8500K (100K Steps) (See Table Page 34) | 0 | |
| | | | | 86-255 | 8500K | | |
| | | | | 00 200 | Color Wheel | | |
| | | | | 0 | Open | | |
| | | | | 1-60 | Virtual Gel Swatch Book (See Table Page 35) | | |
| | | | | 61-179 | No Function | | |
| | | | | | Color Scroll | | |
| | | | | 180-201 | CW Rotation Fast to Slow | | |
| 11 | 16 | 9 | 12 | 202-207 | Stop | 0 | |
| | | | | 208-229 | CCW Rotation Slow to Fast | | |
| | | | | 230-234 | Open | | |
| | | | | | Random Slots | | |
| | | | | 235-239 | Fast | | |
| | | | | 240-244 | Medium | | |
| | | | 245-249 | Slow | | | |
| | | | | 250-255 | Open | | |
| | | | | | Green Shift | | |
| | | | | 0 | Idle | | |
| | 17 | | 13 | 1-127 | Full Minus Green to Neutral | 0 | |
| | | | | 128 | Neutral White | | |
| | | | | 129-255 | Neutral to Full Plus Green | | |

| | MODE / CH | ANNEL | | | | | |
|----------|-----------|---------|-----------------|---------|------------------------------------|---------|----------|
| Standard | Extended | CMY | CMY Extended | VALUE | FUNCTION | DEFAULT | SNAP |
| | | | | | Gobo Wheel 1 | | |
| | | | | 0-9 | Open | | |
| | | | | 10-19 | Gobo 1 | | |
| | | | | 20-29 | Gobo 2 | | |
| | | | | 30-39 | Gobo 3 | | |
| | | | | 40-49 | Gobo 4 | | |
| | | | | 50-59 | Gobo 5 | | |
| | | | | 60-69 | Gobo 6 | | |
| 12 | 18 | 10 | 14 | 70-89 | Gobo 1 Shake Slow to Fast | 0 | Х |
| | | | | 90-109 | Gobo 2 Shake Slow to Fast | | |
| | | | | 110-129 | Gobo 3 Shake Slow to Fast | | |
| | | | | 130-149 | Gobo 4 Shake Slow to Fast | | |
| | | | | 150-169 | Gobo 5 Shake Slow to Fast | | |
| | | | | 170-189 | Gobo 6 Shake Slow to Fast | | |
| | | | | 190-221 | Gobo Wheel Scroll CW Fast to Slow | | |
| | | | | 222-223 | Stop | | |
| | | | | 224-255 | Gobo Wheel Scroll CCW Slow to Fast | - | |
| | | | | | Gobo Wheel 1 | | |
| | | | | | Gobo Index/Rotation | | |
| | | | | 0-127 | Gobo Indexing | | |
| 13 | 19 | 19 11 | 15 | 128-189 | Gobo Scroll CW Fast to Slow | 63 | |
| | | | | 190-193 | No Rotation | | |
| | | | | 194-255 | Gobo Scroll CCW Slow to Fast | | |
| | | | | 101 200 | Gobo Wheel 1 | | |
| 14 | 20 | 12 | 16 | | Gobo Fine Index | 0 | |
| | 20 | 12 | | 0-255 | Fine Indexing | | |
| | | | | 0 200 | Gobo Wheel 2 | | |
| | | | | 0-9 | Open | | |
| | | | | 10-19 | Gobo 1 | | |
| | | | | 20-29 | Gobo 2 | | |
| | | | | 30-39 | Gobo 3 | | |
| | | | | 40-49 | Gobo 4 | | |
| | | | | 50-59 | Gobo 5 | | |
| | | | | 60-69 | Gobo 6 | | |
| 15 | 21 | 13 | 17 | 70-89 | Gobo 1 Shake Slow to Fast | 0 | Х |
| 13 | 21 | 13 | 17 | 90-109 | Gobo 2 Shake Slow to Fast | U | ^ |
| | | | | | Gobo 3 Shake Slow to Fast | | |
| | | | | 110-129 | Gobo 4 Shake Slow to Fast | | |
| | | | | 130-149 | Gobo 5 Shake Slow to Fast | | |
| | | | | 150-169 | | | |
| | | | | 170-189 | Gobo 6 Shake Slow to Fast | | |
| | | | | 190-221 | Gobo Wheel Scroll CW Fast to Slow | | |
| | | | | 222-223 | Stop | | |
| | | | | 224-255 | Gobo Wheel Scroll CCW Slow to Fast | | <u> </u> |

| | MODE / CHANNEL | | | | | | |
|----------|----------------|-----|-----------------|---------|-------------------------------------|---------|------|
| Standard | Extended | СМҮ | CMY Extended | VALUE | FUNCTION | DEFAULT | SNAP |
| | | | | | Gobo Wheel 2 Gobo Index/Rotation | | |
| 10 | 00 | 4.4 | 10 | 0-127 | Gobo Indexing | 00 | |
| 16 | 22 | 14 | 18 | 128-189 | Gobo Scroll CW Fast to Slow | 63 | |
| | | | | 190-193 | No Rotation | | |
| | | | | 194-255 | Gobo Scroll CCW Slow to Fast | 1 | |
| | | | | | Gobo Wheel 2 | | |
| 17 | 23 | 15 | 19 | | Gobo Fine Index | 0 | |
| | | | | 0-255 | Fine Indexing | 1 | |
| | | | | | Prism, Prism/Gobo Macros | | |
| | | | | 0-63 | Open | | |
| | | | | 64-95 | Prism | | |
| | | | | 96-127 | Idle | | |
| | | | | 128-135 | Prism/Gobo Macro1 | | |
| | | | | 136-143 | Prism/Gobo Macro2 | | |
| | | | | 144-151 | Prism/Gobo Macro3 | | |
| | | | | 152-159 | Prism/Gobo Macro4 | | |
| | | | | 160-167 | Prism/Gobo Macro5 | | |
| 18 | 24 | 16 | 20 | 168-175 | Prism/Gobo Macro6 | | |
| 10 | 24 | 10 | 20 | 176-183 | Prism/Gobo Macro7 | | |
| | | | | 184-191 | Prism/Gobo Macro8 | | |
| | | | | 192-199 | Prism/Gobo Macro9 | | |
| | | | | 200-207 | Prism/Gobo Macro10 | | |
| | | | | 208-215 | Prism/Gobo Macro11 | | |
| | | | | 216-223 | Prism/Gobo Macro12 | | |
| | | | | 224-231 | Prism/Gobo Macro13 | | |
| | | | | 232-239 | Prism/Gobo Macro14 | | |
| | | | | 240-247 | Prism/Gobo Macro15 | | |
| | | | | 248-255 | Prism/Gobo Macro16 | | |
| | | | | | Prism Index/Prism Rotation | | |
| | | | | 0-127 | Prism Indexing |] | |
| 19 | 25 | 17 | 21 | 128-189 | Prism Rotation CW Fast to Slow |] | |
| | | | | 190-193 | No Rotation |] | |
| | | | | 194-255 | Prism Rotation CCW Slow to Fast | | |
| | 26 | | 22 | | Prism Fine Index Rotation | | |
| | ∠0 | | 22 | 0-255 | Fine Indexing | | |

| | MODE / CHANNEL | | | | | | | | | | | | |
|----------|----------------|-----|-----------------|---------|-----------------------------------|---------|------|----|----|--------|----------------------------|------|---|
| Standard | Extended | СМҮ | CMY Extended | VALUE | FUNCTION | DEFAULT | SNAP | | | | | | |
| 20 | 27 | 18 | 23 | | Focus | 127 | | | | | | | |
| 20 | 21 | 10 | 23 | 0-255 | Continuous Adjustment Near to Far | 127 | | | | | | | |
| 21 | 28 | 19 | 24 | | Focus Fine | 0 | | | | | | | |
| ۷۱ | 20 | 19 | 24 | 0-255 | Continuous Adjustment Fine | U | | | | | | | |
| 22 | 29 | 20 | 25 | | Zoom | 127 | | | | | | | |
| 22 | 29 | 20 | 25 | 0-255 | Zoom Adjustment Small to Big | 127 | | | | | | | |
| 23 | 30 | 21 | 26 | | Zoom Fine | 0 | | | | | | | |
| 23 | 30 | 21 | 20 | 0-255 | Zoom Adjustment Fine | | | | | | | | |
| | | | | | Shutter, Strobe | | | | | | | | |
| | | | | 0-31 | Shutter Closed | | | | | | | | |
| | | | | 32-63 | No Function (Shutter Open) | | | | | | | | |
| | | | | 64-95 | Strobe Effect Slow to Fast | | | | | | | | |
| 24 | 31 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 27 | 96-127 | No Function (Shutter Open) | 50 X | X |
| | | | | 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) | | | | | | | | |
| 25 | 32 | 23 | 28 | | Dimmer | 0 | | | | | | | |
| 20 | 32 | 20 | 20 | 0-255 | Intensity 0 → 100% | U | | | | | | | |
| 26 | 33 | 24 | 29 | | Dimmer Fine | 0 | | | | | | | |
| 20 | 33 | 24 | 29 | 0-255 | Dimmer Fine Adjustment | U | | | | | | | |

| | MODE / CHANNEL | | | | | | |
|----------|----------------|------|-----------------|---------|----------------------------|---------|----------|
| Standard | Extended | CMY | CMY Extended | VALUE | FUNCTION | DEFAULT | SNAP |
| | | | | | Dim Modes | | |
| | | | | 0-20 | Standard | | |
| | | | | 21-40 | Stage | | |
| | | | | 41-60 | TV | | |
| | | | | 61-80 | Architectural | | |
| | | | | 81-100 | Theatre | | |
| | | | | 101-120 | Stage 2 | | |
| | | | | | Dimmer Delay Time | | |
| | | | | 121 | 0.0s | | |
| | | | | 122 | 0.1s | | |
| | | | | 123 | 0.2s | | |
| | | | | 124 | 0.3s | | |
| | | | | 125 | 0.4s | | |
| | | | | 126 | 0.5s | | |
| | 0.4 | | 00 | 127 | 0.6s | | |
| | 34 | | 30 | 128 | 0.7s | 0 | Х |
| | | | | 129 | 0.8s | | |
| | | | | 130 | 0.9s | | |
| | | | | 131 | 1.0s | | |
| | | | | 132 | 1.5s | | |
| | | | | 133 | 2.0s | | |
| | | | | 134 | 3.0s | | |
| | | | | 135 | 4.0s | | |
| | | | | 136 | 5.0s | | |
| | | | | 137 | 6.0s | | |
| | | | | 138 | 7.0s | | |
| | | | | 139 | 8.0s | | |
| | | | | 140 | 9.0s | | |
| | | | | 141 | 10s | | |
| | | | | 142-255 | Idle | | |
| | | | | | Iris | | |
| 07 | 6.5 | | | 0-191 | Max to Min Diameter | | |
| 27 | 35 | 25 | 31 | 192-223 | Pulse Opening Fast to Slow | 0 | |
| | | | | 224-255 | Pulse Closing Slow to Fast | | |
| | | | 0.0 | | Iris Fine | _ | |
| | 36 | | 32 | 0-255 | Iris Fine Adjustment | 0 | |
| | | | | | Frost | _ | |
| 28 | 37 | 7 26 | 33 | 0-255 | Open to Full Frost | 0 | |
| | | | | 3 200 | Animation Wheel | | |
| 29 | 38 | 27 | 34 | 0-7 | Open | | |
| 20 | 30 | | 34 | 8-255 | Animation Min to Max | | |
| | | | l | 0-200 | / Williamon Will to Max | | <u> </u> |

| MODE / CHANNEL | | | | | | | |
|----------------|------------|-------|-----------------|---------|-------------------------------------|---------|------|
| Standard | Extended | СМҮ | CMY Extended | VALUE | FUNCTION | DEFAULT | SNAP |
| | | | | | Animation Index Rotation | | |
| | | | | 0-127 | Animation Indexing | | |
| 30 | 39 | 28 | 35 | 128-189 | Animation Rotation CW Fast to Slow | | |
| | | | | 190-193 | No Rotation | | |
| | | | | 194-255 | Animation Rotation CCW Slow to Fast | | |
| | | | | | Pan / Tilt and Color Speed | | |
| | | | | 0-225 | Max to Min Speed | | |
| | 40 | | 36 | 226-235 | Blackout by Movement | 0 | |
| | | | | 236-245 | Blackout by All Wheel Changing | | |
| | | | | 246-255 | No Function | | |
| | | | | | Control | | |
| | | | | 0-19 | Color Change Normal | | |
| | | | | 20-29 | Color Change to Any position | | |
| | | | | 30-39 | Color/Gobo Change to Any Position | | |
| | | | | 40-59 | Fan Mode Low | | |
| | | | | 60-69 | Fan Mode High | | |
| | | | | 70-79 | Fan Mode Auto | | |
| | | | | 80-84 | All Motor Reset | - - | |
| | | | | 85-87 | Pan / Tilt Reset | | |
| | | | | 88-90 | Color Reset | | |
| | | | | 91-93 | Gobo Reset | - | |
| | | | | 94-96 | Focus and Zoom Reset | | |
| | | | | 97-99 | Other Motor Reset | | |
| | | | | | Refresh Rate (Hz) | | |
| | | | | 100 | 900 | | |
| | <u>Δ</u> 1 | | | 101 | 910 | | |
| 31 | | 41 29 | 29 37 | 102 | 920 | 0 | X |
| 31 | 41 | | | 103 | 930 | | ^ |
| | | | | 104 | 940 | | |
| | | | | 105 | 950 | | |
| | | | | 106 | 960 | | |
| | | | | 107 | 970 | | |
| | | | | 108 | 980 | | |
| | | | | 109 | 990 | | |
| | | | | 110 | 1000 | | |
| | | | | 111 | 1010 | | |
| | | | | 112 | 1020 | | |
| | | | | 113 | 1030 | | |
| | | | | 114 | 1040 | | |
| | | | | 115 | 1050 | | |
| | | | | 116 | 1060 | | |
| | | | | 117 | 1070 | | |
| | | | | 118 | 1080 | | |
| | | | | 119 | 1090 | | |

| MODE / CHANNEL | | | | | | | |
|----------------|----------|-------|-----------------|-------|-------------------|---------|------|
| Standard | Extended | СМҮ | CMY Extended | VALUE | FUNCTION | DEFAULT | SNAF |
| | | | | | Refresh Rate (Hz) | | |
| | | | | 120 | 1100 | | |
| | | | | 121 | 1110 | | |
| | | | | 122 | 1120 | | |
| | | | | 123 | 1130 | | |
| | | | | 124 | 1140 | | |
| | | | | 125 | 1150 | | |
| | | | | 126 | 1160 | | |
| | | | | 127 | 1170 | | |
| | | | | 128 | 1180 | | |
| | | | | 129 | 1190 | | |
| | | | | 130 | 1200 | | |
| | | | | 131 | 1210 | | |
| | | | | 132 | 1220 | | |
| | | | | 133 | 1230 | | |
| | | | | 134 | 1240 | | |
| | | | | 135 | 1250 | | |
| | | | | 136 | 1260 | | |
| | | | | 137 | 1270 | | |
| | 41 | 41 29 | 37 | 138 | 1280 | | x |
| 01 | | | | 139 | 1290 | 0 | |
| 31 | | | | 140 | 1300 | 0 | |
| | | | | 141 | 1310 | | |
| | | | | 142 | 1320 | | |
| | | | | 143 | 1330 | | |
| | | | | 144 | 1340 | | |
| | | | | 145 | 1350 | | |
| | | | | 146 | 1360 | | |
| | | | | 147 | 1370 | | |
| | | | | 148 | 1380 | | |
| | | | | 149 | 1390 | | |
| | | | | 150 | 1400 | | |
| | | | | 151 | 1410 | | |
| | | | | 152 | 1420 | | |
| | | | | 153 | 1430 | | |
| | | | | 154 | 1440 | | |
| | | | | 155 | 1450 | | |
| | | | | 156 | 1460 | | |
| | | | | 157 | 1470 | | |
| | | | | 158 | 1480 | | |
| | | | | 159 | 1490 | | |
| | | | | 160 | 1500 | | |

| | MODE / CH | ANNEL | | | | | |
|----------|-----------|-------|-----------------|---------|---------------------------------|---------|------|
| Standard | Extended | СМҮ | CMY Extended | VALUE | FUNCTION | DEFAULT | SNAP |
| | | | | | Refresh Rate (Hz) | | |
| | | | | 161 | 2500 | | |
| | | | | 162 | 4000 | | |
| | | | | 163 | 5000 | | |
| | | | | 164 | 6000 | | X |
| | | | | 165 | 10,000 | | |
| | | 41 29 | 37 | 166 | 15,000 | | |
| | 41 | | | 167 | 20,000 | 0 | |
| | | | | 168 | 25,000 | | |
| | | | | 169-200 | Idle | | |
| 31 | | | | 201-210 | Dimmer Curve Linear (default) | | |
| 01 | | | | 211-220 | Dimmer Curve Square | | |
| | | | | 221-230 | Dimmer Curve Inverse Square | | |
| | | | | 231-240 | Dimmer Curve S-Curve | | |
| | | | | 241 | Internal Program 1 (Scene 1-8) | | |
| | | | | 242 | Internal Program 2 (Scene 9-16) | | |
| | | | | 243 | Internal Program 3 (Scene17-24) | | |
| | | | | 244 | Internal Program 4 (Scene25-32) | | |
| | | | | 245 | Internal Program 5 (Scene33-40) | | |
| | | | | 246 | Internal Program 6 (Scene41-48) | | |
| | | | | 247 | Internal Program 7 (Scene49-56) | | |
| | | | | 248-255 | Idle | | |

| COLOR TEMPERATURE | | | | | | | | |
|-------------------|----------------|-------|----------------|--|--|--|--|--|
| VALUE | COLOR TEMP (K) | VALUE | COLOR TEMP (K) | | | | | |
| 24 | 2400 | 55 | 5500 | | | | | |
| 25 | 2500 | 56 | 5600 | | | | | |
| 26 | 2600 | 57 | 5700 | | | | | |
| 27 | 2700 | 58 | 5800 | | | | | |
| 28 | 2800 | 59 | 5900 | | | | | |
| 29 | 2900 | 60 | 6000 | | | | | |
| 30 | 3000 | 61 | 6100 | | | | | |
| 31 | 3100 | 62 | 6200 | | | | | |
| 32 | 3200 | 63 | 6300 | | | | | |
| 33 | 3300 | 64 | 6400 | | | | | |
| 34 | 3400 | 65 | 6500 | | | | | |
| 35 | 3500 | 66 | 6600 | | | | | |
| 36 | 3600 | 67 | 6700 | | | | | |
| 37 | 3700 | 68 | 6800 | | | | | |
| 38 | 3800 | 69 | 6900 | | | | | |
| 39 | 3900 | 70 | 7000 | | | | | |
| 40 | 4000 | 71 | 7100 | | | | | |
| 41 | 4100 | 72 | 7200 | | | | | |
| 42 | 4200 | 73 | 7300 | | | | | |
| 43 | 4300 | 74 | 7400 | | | | | |
| 44 | 4400 | 75 | 7500 | | | | | |
| 45 | 4500 | 76 | 7600 | | | | | |
| 46 | 4600 | 77 | 7700 | | | | | |
| 47 | 4700 | 78 | 7800 | | | | | |
| 48 | 4800 | 79 | 7900 | | | | | |
| 49 | 4900 | 80 | 8000 | | | | | |
| 50 | 5000 | 81 | 8100 | | | | | |
| 51 | 5100 | 82 | 8200 | | | | | |
| 52 | 5200 | 83 | 8300 | | | | | |
| 53 | 5300 | 84 | 8400 | | | | | |
| 54 | 5400 | 85 | 8500 | | | | | |

| VIRTUAL GEL SWATCH BOOK | | | | | | | |
|-------------------------|---------|-------------------|-------|---------|-------------------|--|--|
| VALUE | FILTER# | COLOR | VALUE | FILTER# | COLOR | | |
| 1 | 7 | Pale Yellow | 31 | 126 | Mauve | | |
| 2 | 103 | Straw | 32 | 49 | Medium Purple | | |
| 3 | 151 | Gold Tint | 33 | 58 | Lavender | | |
| 4 | 100 | Spring Yellow | 34 | 199 | Palace Blue | | |
| 5 | 10 | Medium Yellow | 35 | 119 | Dark Blue | | |
| 6 | 101 | Yellow | 36 | 132 | Medium Blue | | |
| 7 | 104 | Deep Amber | 37 | 120 | Deep Blue | | |
| 8 | 15 | Deep Straw | 38 | 165 | Daylight Blue | | |
| 9 | 179 | Loving Amber | 39 | 161 | Slate Blue | | |
| 10 | 21 | Gold Amber | 40 | 118 | Light Blue | | |
| 11 | 105 | Orange | 41 | 68 | Sky Blue | | |
| 12 | 158 | Deep Orange | 42 | 143 | Pale Navy Blue | | |
| 13 | 22 | Dark Amber | 43 | 131 | Marine Blue | | |
| 14 | 778 | Millennium Gold | 44 | 115 | Peacock Blue | | |
| 15 | 135 | Deep Golden Amber | 45 | 172 | Lagoon Blue | | |
| 16 | 24 | Scarlet | 46 | 116 | Medium Blue Green | | |
| 17 | 106 | Primary Red | 47 | 90 | Dark Yellow Green | | |
| 18 | 26 | Bright Red | 48 | 139 | Primary Green | | |
| 19 | 27 | Medium Red | 49 | 122 | Fern Green | | |
| 20 | 19 | Fire | 50 | 89 | Moss Green | | |
| 21 | 157 | Pink | 51 | 124 | Dark Green | | |
| 22 | 36 | Medium Pink | 52 | 88 | Lime Green | | |
| 23 | 111 | Dark Pink | 53 | 138 | Pale Green | | |
| 24 | 128 | Bright Pink | 54 | 203 | Quarter CT Blue | | |
| 25 | 148 | Bright Rose | 55 | 202 | Half CT Blue | | |
| 26 | 332 | Special Rose Pink | 56 | 201 | FULL CT Blue | | |
| 27 | 793 | Vanity Fair | 57 | 200 | Double CT Blue | | |
| 28 | 113 | Magenta | 58 | 206 | Quarter CT Orange | | |
| 29 | 46 | Dark Magenta | 59 | 205 | Half CT Orange | | |
| 30 | 48 | Rose Purple | 60 | 204 | FULL CT Orange | | |

ERROR CODES

| Error Codes subject to change without notice. | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|
| ERROR CODES | DESCRIPTION | | | | | | | | |
| PAN Er | Movement is not located in the default position after the reset. These messages will appear after a fixture reset if the magnetic-indexing circuit malfunctions (sensor failed, or magnet is missing) | | | | | | | | |
| TILT Er | 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. | | | | | | | | |
| RotGobo | | | | | | | | | |
| RotGobo2 | | | | | | | | | |
| Iris | | | | | | | | | |
| RotGobolndex | | | | | | | | | |
| RotGobo2Index | Movement is not located in the default position after the reset. | | | | | | | | |
| Animation | These messages will appear after a fixture reset if the magnetic-indexing circuit malfunctions (sensor failed, or magnet is missing) | | | | | | | | |
| Anima.Index | or there is a motor failure (defective motor or a defective motor IC | | | | | | | | |
| Zoom | drive on the main PCB). | | | | | | | | |
| Focus | | | | | | | | | |
| Frost | | | | | | | | | |
| Prism | | | | | | | | | |
| PrismIndex | | | | | | | | | |
| HeadTemp | | | | | | | | | |
| CoolFan1 | | | | | | | | | |
| CoolFan2 | These manages will appear if there is a terror system or allow for | | | | | | | | |
| CoolFan3 | These messages will appear if there is a temperature and/or fan malfunction. | | | | | | | | |
| CoolFan4 | | | | | | | | | |
| BaseTemp | | | | | | | | | |
| BaseFan | | | | | | | | | |

SPECIFICATIONS

SOURCE

305W 65000K RGBMA LED Engine. 92 CRI 30,000 Hour Average LED Life*

*Test lab conditions. May vary depending on several factors including but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control, and Dimming.

EFFECTS

Motorized Zoom Variable Frost Filter Rotating 4-Facet Prism Motorized Iris Variable 16-bit Dimming Curve Modes High Speed Electronic Shutter and Strobe DMX Controllable LED Refresh Rate Frequency

COLOR

RGBMA Color Array CMY Emulation Virtual Color Correction (2,400K - 8,500K) Green / Magenta Shift Virtual Gel Swatch Book

GOBOS

2 Gobo Wheels12 Rotating / Indexing Interchangeable Glass Gobos Animation Wheel

CONTROL / CONNECTIONS

4 DMX Channel Modes (RGBMA 31 / 41) (CMY 29 / 37) 16-bit Pan, Tilt, and Dimming Control Motorized Focus DMX, RDM Protocol Support 4 Button / Touch Screen Control Panel Full Color 180° Reversible LCD Menu Display 5pin DMX In/Out Neutrik powerCON TRUE1 Power In/Out USB Connection (Firmware Updates)

SIZE / WEIGHT

Length: 16.06 in (408mm) Width: 20.4 in (518.2mm) Height: 27.48 in (698mm) Weight: 54.0 lbs. (24.5kg)

ELECTRICAL / THERMAL

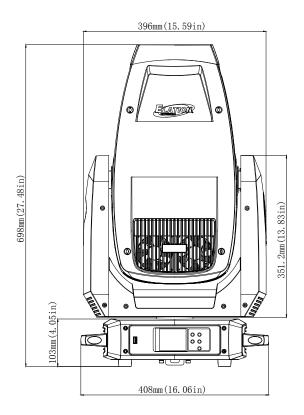
AC 100-240V - 50/60Hz 466W Max Power Consumption 14°F to 113°F (-10°C to 45°C)

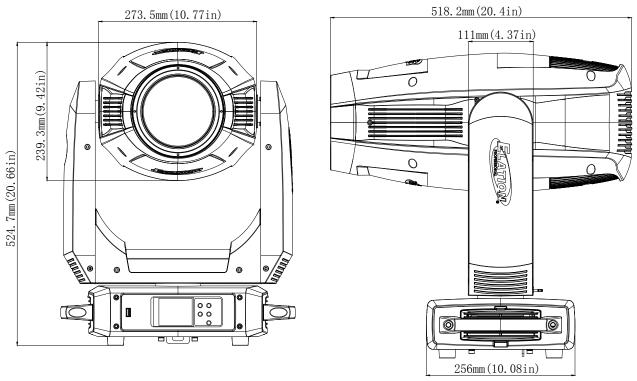
APPROVALS / RATINGS

CE | IP30

Specifications and improvements in the design of this unit and this manual are subject to change without notice.

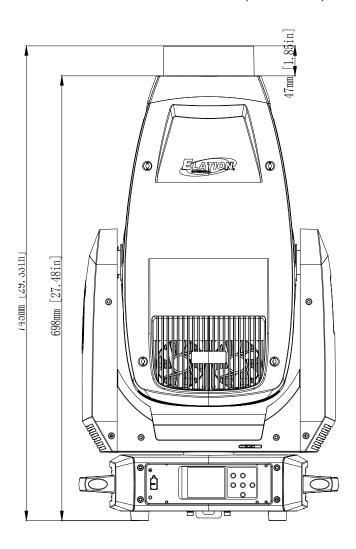
DIMENSIONAL DRAWINGS (Not to Scale)





Specifications and improvements in the design of this unit and this manual are subject to change without notice.

DIMENSIONAL DRAWINGS - With Snoot Attached (Not to Scale)



Specifications and improvements in the design of this unit and this manual are subject to change without notice.

OPTIONAL ACCESSORIES

| ORDER CODE | ITEM |
|---------------|---|
| TRIGGER CLAMP | Heavy Duty Wrap Around Hook Style Clamp |
| SIP126 | 5 ft. (1.5m) IP65 Twist Lock Power Link Cable |
| AC5PDMX5PRO | 5 ft. (1.5m) 5pin PRO DMX Cable |
| | Additional Cable Lengths Available |

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC RADIO FREQUENCY INTERFERENCE WARNINGS & INSTRUCTIONS

This product has been tested and found to comply with the limits as per Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device uses and can radiate radio frequency energy and, if not installed and used in accordance with the included instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following methods:

- · Reorient or relocate the device.
- Increase the separation between the device and the receiver.
- Connect the device to an electrical outlet on a circuit different from which the radio receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Europe Energy Saving Notice

Energy Saving Matters (EuP 2009/125/EC)

Saving electric energy is a key to help protecting the environment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you