



FUZE SFX

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 |
|----------|------------------|--------------------|-------------------|----------------------------------|
| 03/11/20 | 1.0 | 1.06 | 31 Channel | Initial release. |
| 05/22/20 | 1.1 | NC | No Change | Updated Installation Guidelines. |
| 07/14/20 | 1.2 | NC | No Change | Updated Thermal |

CONTENTS

| | |
|----------------------------------|----|
| General Information | 4 |
| Warranty Returns (USA Only) | 5 |
| Safety Guidelines | 6 |
| Maintenance Guidelines | 8 |
| Fixture Overview | 9 |
| Color Wheel | 10 |
| Gobo Wheels | 11 |
| Custom Gobos | 12 |
| Gobo Installation | 13 |
| Installation Guidelines | 17 |
| System Menu | 20 |
| DMX Channel Functions and Values | 27 |
| Color Combination Table | 35 |
| Error Codes | 36 |
| Specifications | 37 |
| Dimensional Drawings | 38 |
| FCC Statement | 39 |

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 that 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

Fixture (x1)
Omega Brackets (x2)
Locking Power Cable (X1)

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



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

THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT. DO NOT ATTEMPT ANY REPAIRS YOURSELF; DOING SO WILL VOID YOUR MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS FIXTURE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURER'S 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 whatsoever 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 manufacturer's 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 MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS FIXTURE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURER'S 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 IS 1.6 FEET (0.5 METER)
MINIMUM DISTANCE OF INFLAMMABLE MATERIALS FROM THE SURFACE IS 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 servicing.

DO NOT shake fixture, and 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 must never be 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. Only handle the power cord by the plug end, and 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 for service.

MAINTENANCE GUIDELINES



DISCONNECT POWER BEFORE PERFORMING ANY MAINTENANCE!

CLEANING

Frequent cleaning is recommended to ensure 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 periodically with a soft cloth to avoid dirt/debris accumulation.

NEVER use alcohol, solvents, or ammonia-based cleaners.

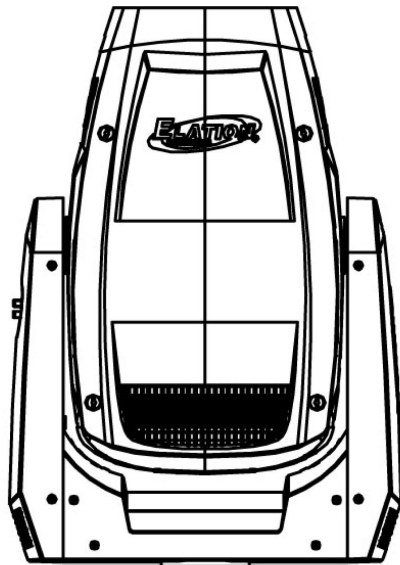
MAINTENANCE

Regular inspections are recommended to ensure 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.

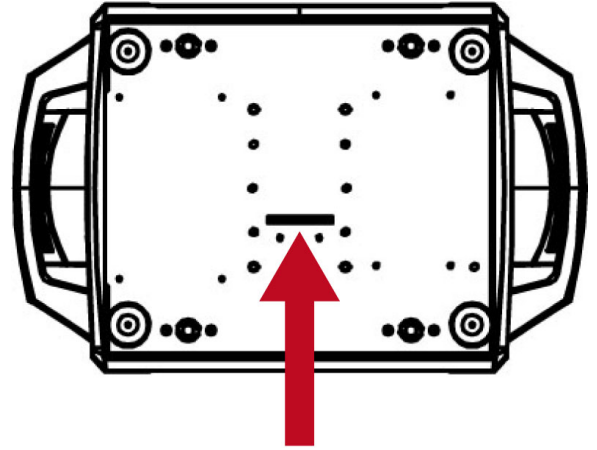
Please refer to the following points during routine inspections:

- A detailed electrical 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.

FIXTURE OVERVIEW



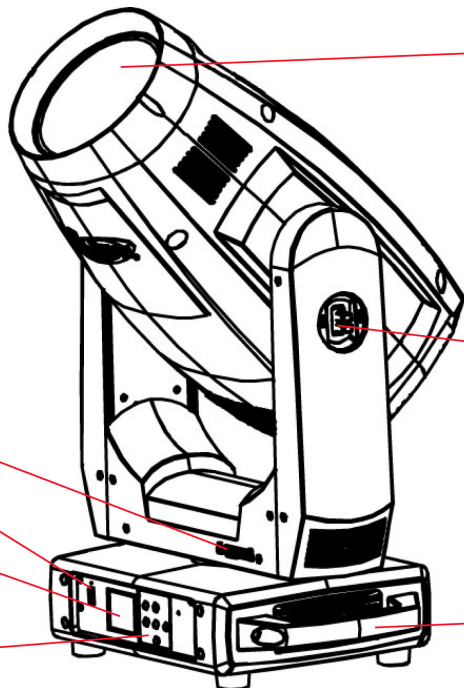
- Folding Antenna
- Fuse - T5A 250V
- Power In
- Power Out
- DMX In
- DMX Out
- Net Out
- Net In



SAFETY CABLE ATTACHMENT POINT

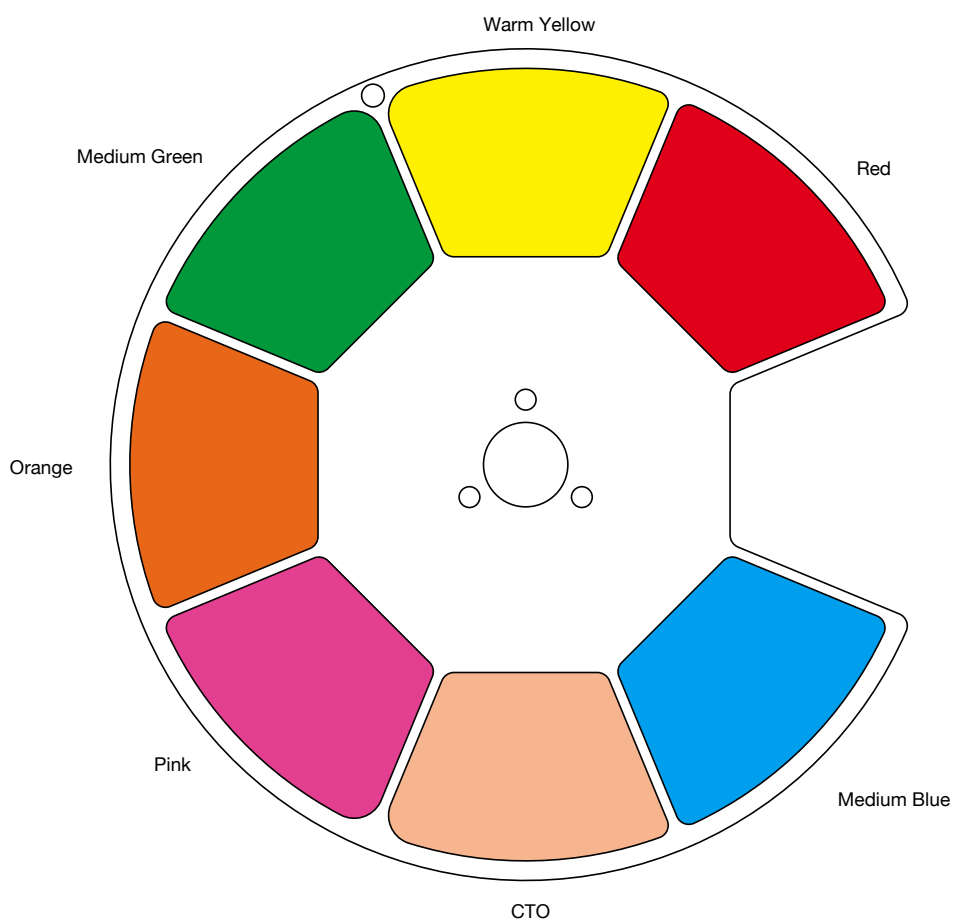


ALWAYS ATTACH A SAFETY CABLE WHENEVER INSTALLING THIS DEVICE IN A SUSPENDED ENVIRONMENT TO ENSURE THE FIXTURE WILL NOT DROP IF THE CLAMP FAILS.



- Lens
- Tilt Lock
- Pan Lock
- Service Port
- Display Screen
- System Menu Key Pad
- Carry Handle

COLOR WHEEL



| Slot Number | Color |
|-------------|--------------|
| 1 | Red |
| 2 | Warm Yellow |
| 3 | Medium Green |
| 4 | Orange |
| 5 | Pink |
| 6 | CTO |
| 7 | Medium Blue |

GOBO WHEELS

Gobo Wheel 1 (Rotating)



1



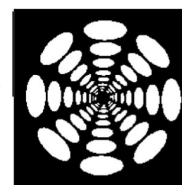
2



3



4



5



6



7



8

Gobo Wheel 2 (Static)



1



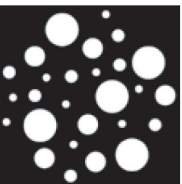
2



3



4



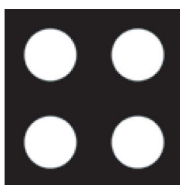
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8

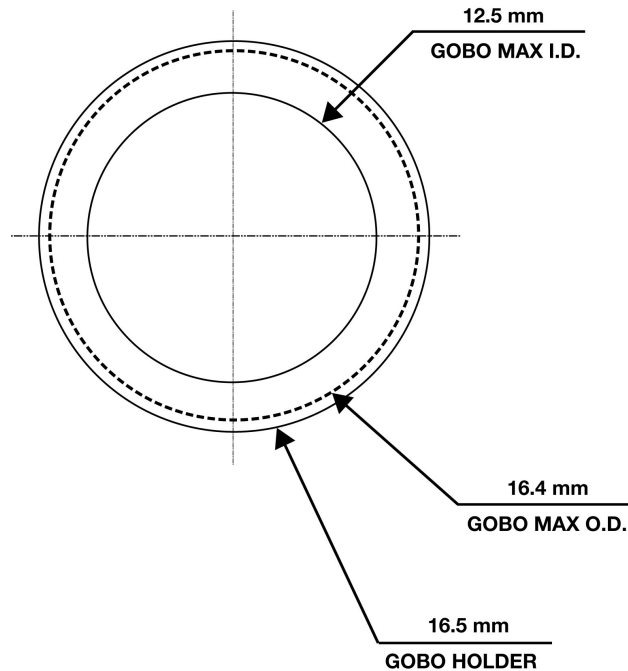


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10

CUSTOM GOBOS



| FUZE SFX ROTATING GLASS GOBOS - WHEEL 1 ONLY | |
|---|------------------------|
| Gobo O.D. (Max. Outer Diameter) | Φ16.4mm |
| Gobo I.D. (Max. Image Diameter) | Φ12.5mm |
| Gobo Holder Diameter | Φ16.5mm |
| Gobo Material | Borofloat Glass |

***** 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.

ELATION SERVICE USA - Monday - Friday 8:00am to 4:30pm PST

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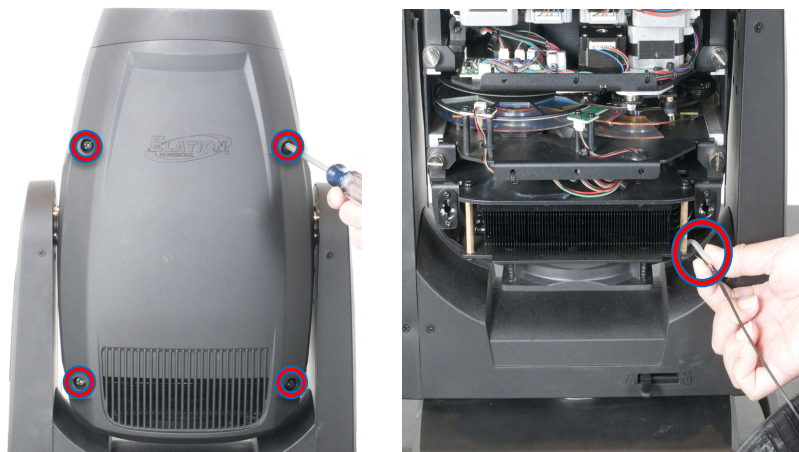
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GOBO INSTALLATION

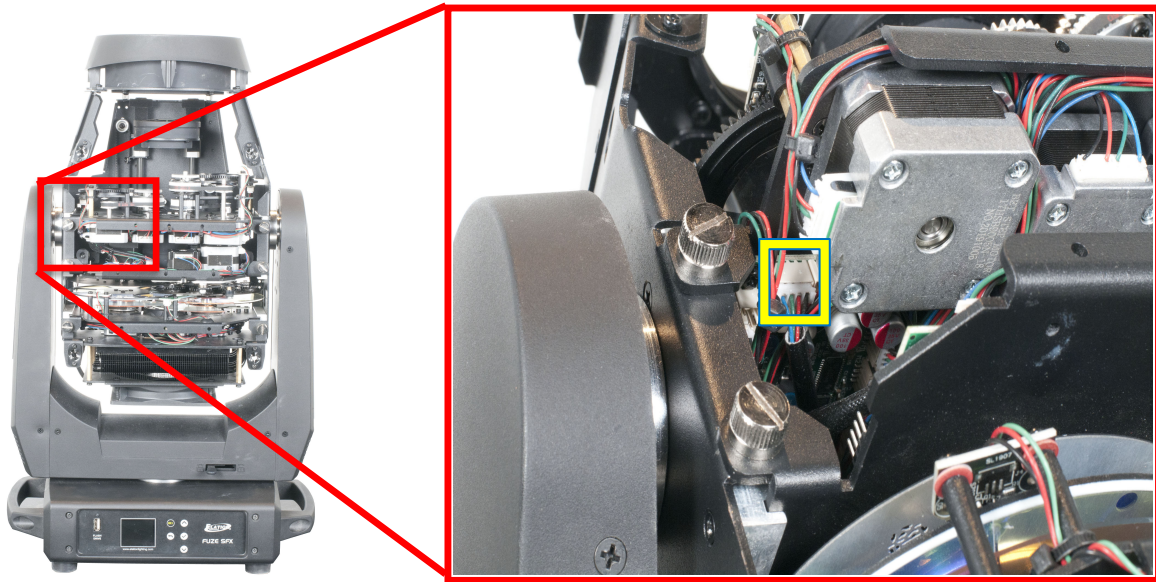


1. Place the fixture on a stable flat surface in a **DUST-FREE, INDOOR** location, and **ensure that the unit has been disconnected from power and given at least 15 minutes to cool down after powering down.** Engage both the Pan Lock (location shown at above left) and the Tilt Lock (location shown at above right). For the purposes of this procedure, we will assume that the head has been fixed in an upright position with the lens oriented upwards.

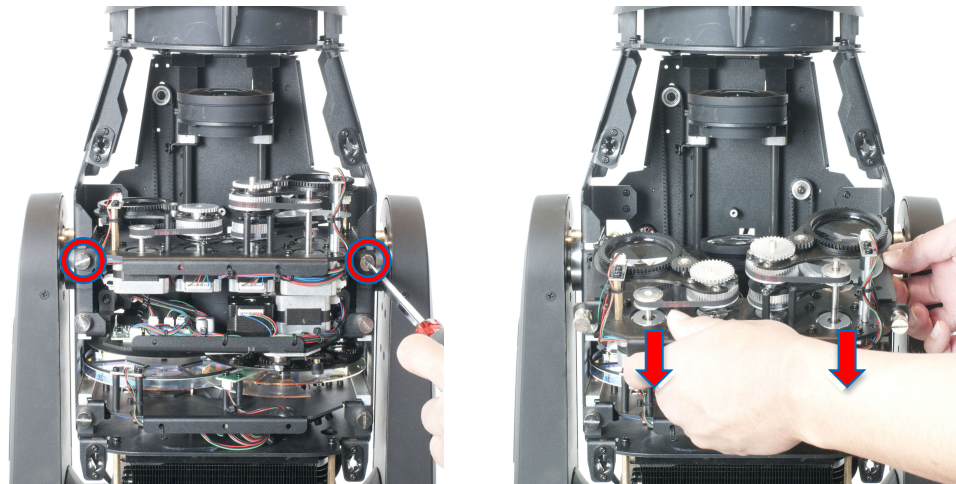


2. Use a Phillips head screwdriver to loosen the four (4) fasteners on each of the covers. **Please note that these fasteners are of the twist-lock variety, and do not come free of the covers.** Remove the safety cable clips securing each cover to the fixture.

GOBO INSTALLATION

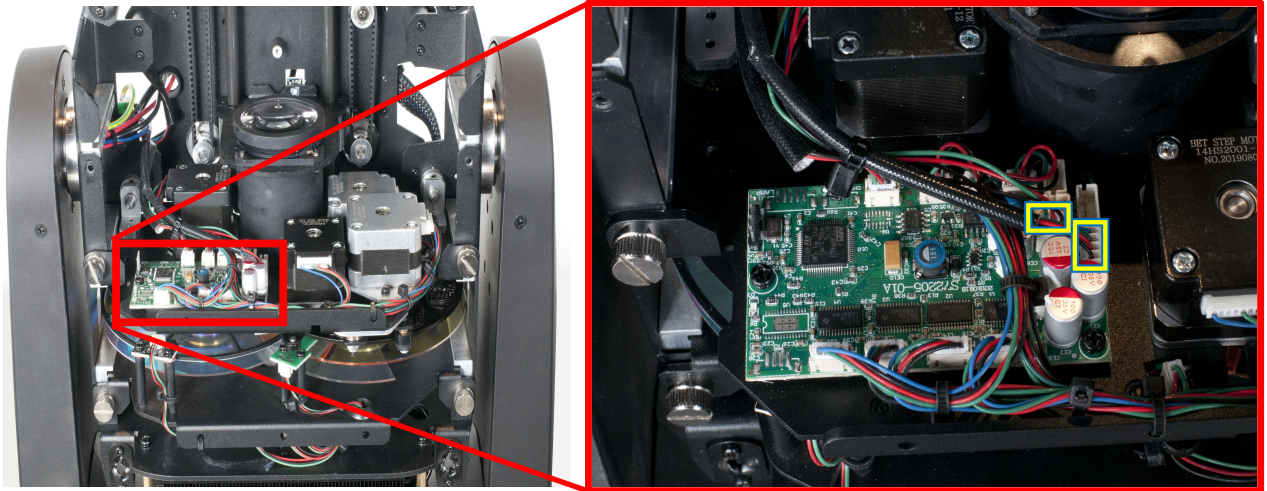


3. Optional. This step may be performed to help improve access to the gobo wheel module. On the prism module, find the 4-pin connector (denoted by the yellow box, above right) in the that is located behind the left-most electric motor, just beside the thumb screw on the left hand side of the prism module. Disconnect this connector.

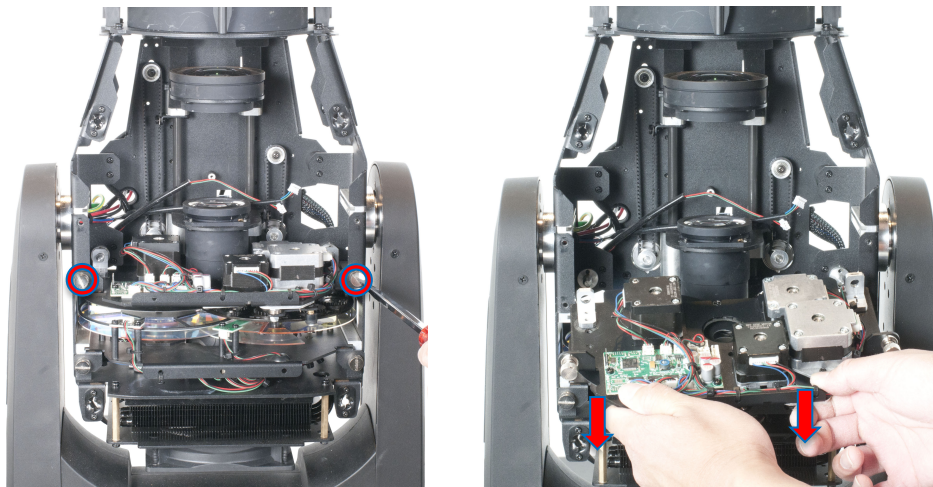


4. Optional. This step may be performed to help improve access to the gobo wheel module. Loosen the thumb screws for the prism module, and carefully slide the prism module out of its mounting slots. Set the prism module aside for later reinstallation.

GOBO INSTALLATION

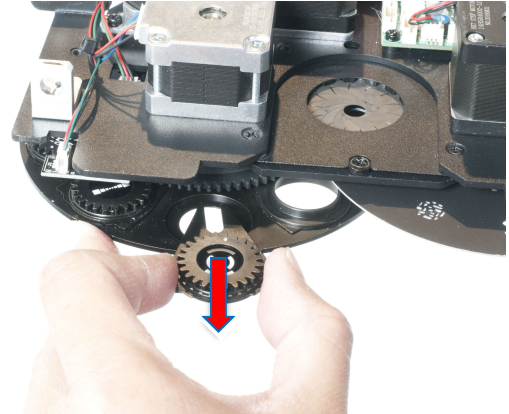
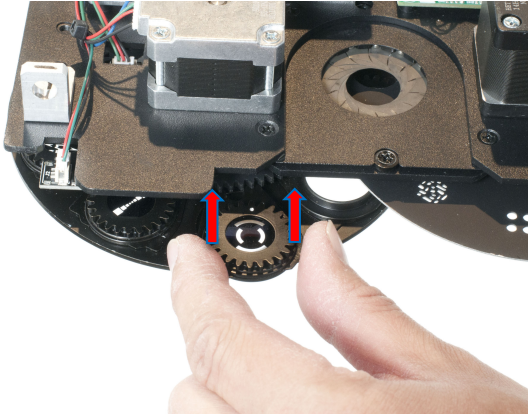


5. On the gobo wheel module, locate the circuit board on the left hand side of the gobo wheel module, directly above the static gobo wheel. On this circuit board, find the 3-pin connector and the 4-pin connector (denoted by the yellow boxes, above right) located just behind a bank of three (3) capacitors, and disconnect both of these connectors.

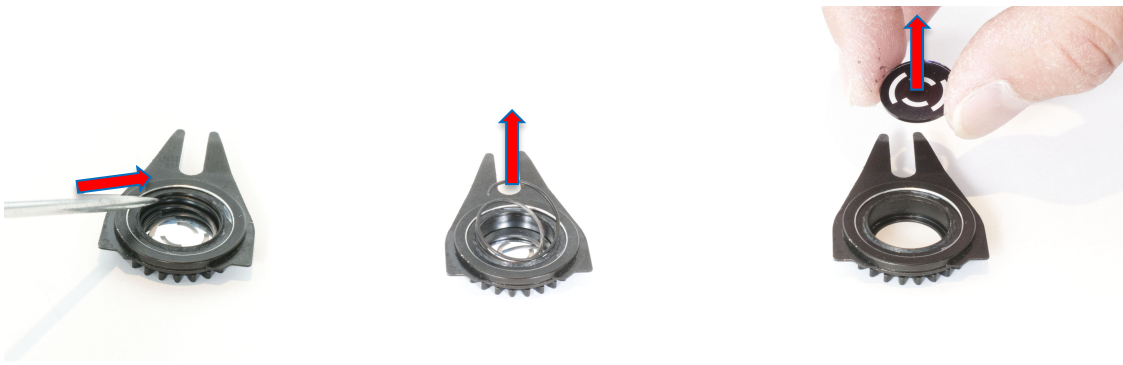


6. Loosen the thumb screws for the gobo wheel module, and carefully slide the gobo wheel module out of its mounting slots. Place the module on a flat, stable surface in a **DUST-FREE, INDOOR** location.

GOBO INSTALLATION



7. Locate the rotating gobo that will be replaced. Grip the edges of the geared gobo holder and gently lift (pictured at left) until the gobo holder clears the surface of the gobo wheel. Then pull the gobo holder out and away (pictured at right).



8. Place the gobo holder on a flat, level surface with the geared side down. Locate the tab of the spring, and use a precision pick (or similar tool) to push the spring tab inward. Remove the retaining spring and carefully separate the gobo from the gobo holder. **Exercise caution to avoid scratching the gobo.**
9. Install the new gobo and reassemble the fixture by following the steps above in reverse order.

GOBO INSTALLATION COMPLETE!

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 IS 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, understanding of the 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 where unauthorized personnel might reach the fixture by hand.

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

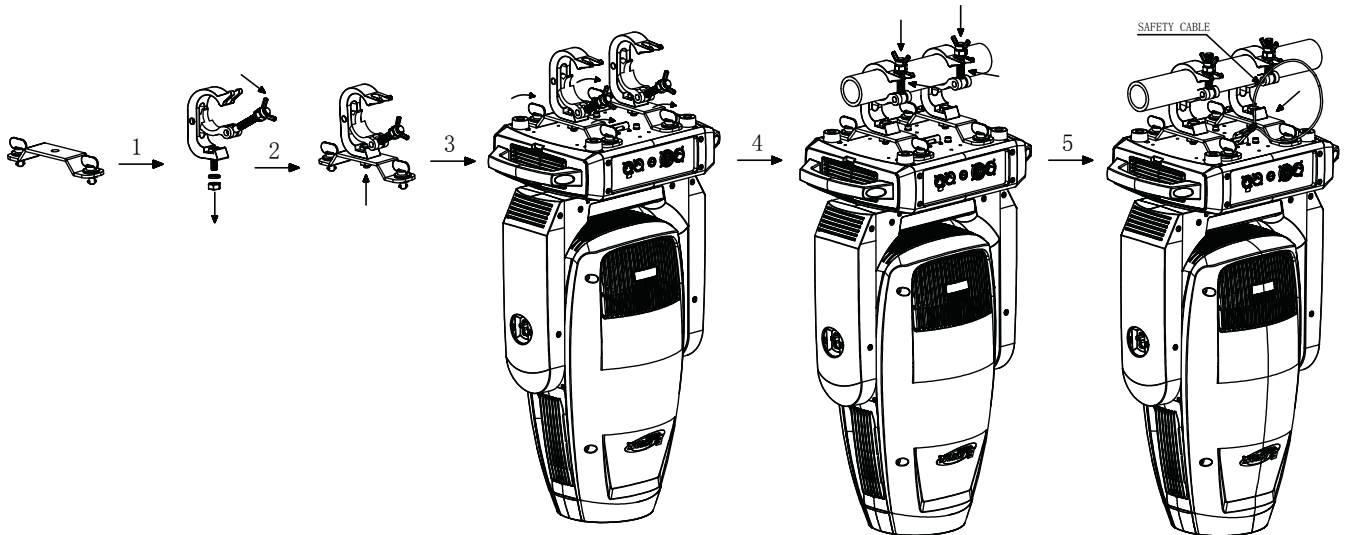
Overhead fixture installation must always be secured with a secondary safety attachment, such as an appropriately rated safety cable.

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

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 calculating working load limits, understanding of the installation material being used, and periodic safety inspection of all installation material and the fixture, among other things. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.



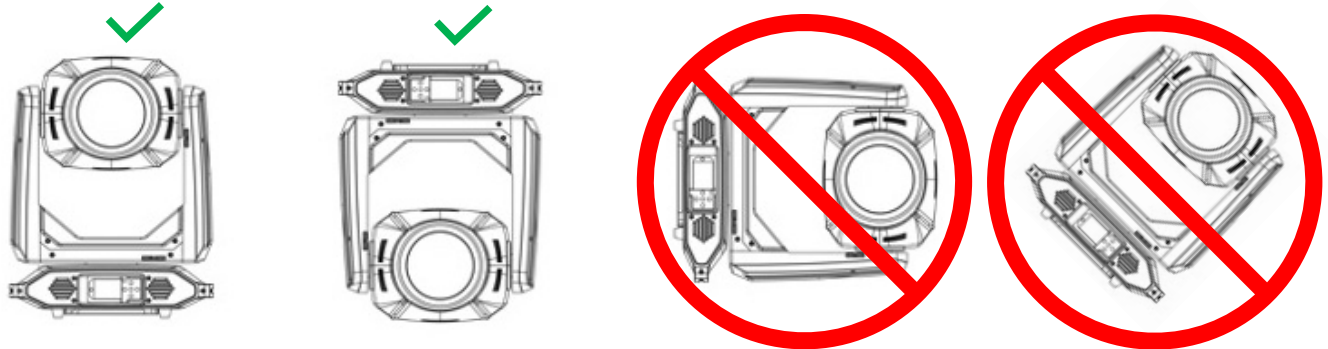
ALWAYS ATTACH AN APPROPRIATELY RATED SAFETY CABLE (NOT INCLUDED) THAT MEETS ALL LOCAL, NATIONAL, AND COUNTRY CODES AND REGULATIONS WHENEVER INSTALLING FIXTURE IN A SUSPENDED ENVIRONMENT!

INSTALLATION GUIDELINES

FIXTURE MOUNTING POSITION

The fixture may be mounted in any position in which the base of the fixture is oriented horizontally. Acceptable positions include standing the fixture upright or hanging the fixture upside-down.

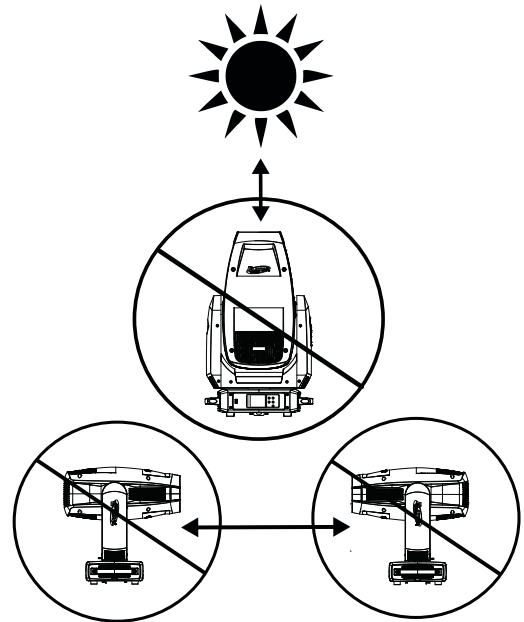
Do NOT install the fixture in a sideways position, or in any position in which the base of the fixture is oriented vertically or at an angle.



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 to ELATION lighting fixtures; rather, it is a common issue with lighting fixtures from all manufacturers. Although there is no true way to fully prevent this issue from occurring, the guidelines below can help minimize the risk of potential damage if followed. Contact ELATION Service for more details.

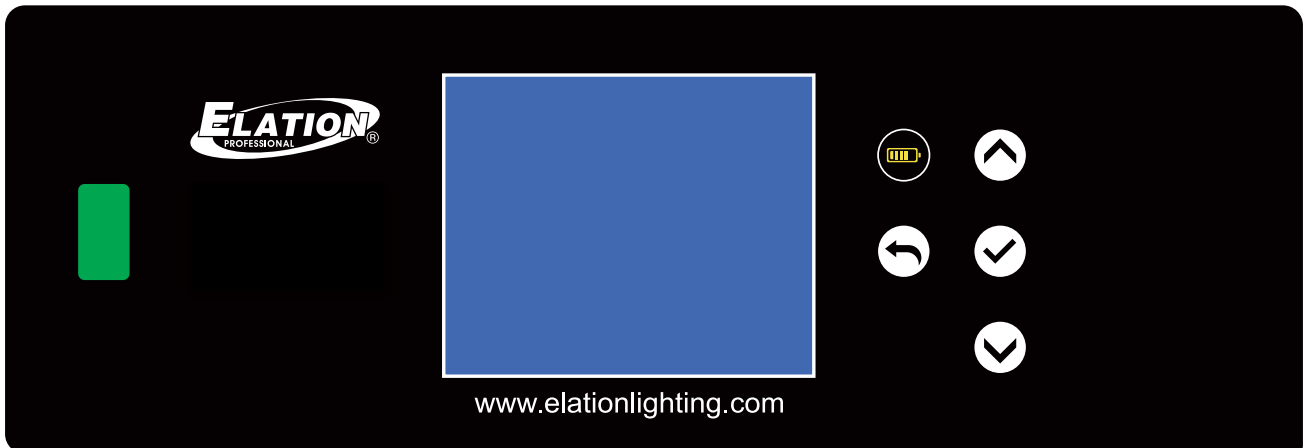


DO NOT EXPOSE THE FIXTURE AND/OR FRONT LENS OPENING TO LIGHT BEAMS FROM DIRECT SUNLIGHT, OTHER LIGHTING MOVING HEAD FIXTURES, AND LASERS DURING UNPACKING, INSTALLATION, USE, AND EXTENDED IDLE TIMES OUTDOORS. DO NOT FOCUS A LIGHT BEAM FROM ONE LIGHTING FIXTURE DIRECTLY TOWARDS ANOTHER.

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 sub-menus with the **UP** and **DOWN** buttons. Once you reach a field that requires adjusting, press the **ENTER** button to activate that field and use the **UP** and **DOWN** buttons to adjust the field. Pressing the **ENTER** button once more will confirm your setting. You may exit the main menu at any time without making any adjustments by pressing the **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.



SYSTEM MENU

Note: Default settings are shown in **bold**.

| ELATION FUZE SFX SYSTEM MENU | | | | | |
|---|-------------------------------|---------------------|--|--|--|
| Supports Software Versions: \geq 1.06 | | | | | |
| DMX SETTINGS | DMX Address | A001 ~ A512 | | | |
| | No DMX Status | Hold Last | | | |
| | | Blackout | | | |
| | | Internal Programs | | | |
| PERSONALITY | Master | On / Off | | | |
| | Slave | On / Off | | | |
| | Status Settings | Pan Invert | | On / Off | |
| | | Tilt Invert | | On / Off | |
| | | Pan / Tilt Feedback | | On / Off | |
| | | Pan Degree | | 540 | |
| | | | | 630 | |
| | | Pan / Tilt Speed | | Speed 1 | |
| | | | | Speed 2 | |
| | | Hibernation | | OFF | |
| | | | | 01 min – 99 min | |
| | | | | 15 min | |
| | Fixture ID | Service Pin | | Password = XXX (default password: 050) | |
| | | Universe | | 000 – 255 | |
| | | UnitIPAddr | | | |
| | | Mask Addr | | | |
| | Protocol Set | ArtNet | | | |
| | | sACN | | | |
| | Net Switch | On / Off | | | |
| | <i>CONTINUED ON NEXT PAGE</i> | | | | |

| | | | |
|--|------------------|--|------------|
| PERSONALITY (continued from prev page) | Fan Settings | Auto | |
| | | High | |
| | | Low | |
| | | Studio | |
| | | Mute | |
| | Dim Modes | Standard | |
| | | Stage | |
| | | TV | |
| | | Architecture | |
| | | Theatre | |
| | | Stage 2 | |
| | | Dim Speed | 0 s – 10 s |
| | Dim Curves | Linear | |
| | | Square | |
| | | Inverse Square | |
| | | S-Curve | |
| | LED Refresh Rate | 900Hz – 1500Hz (default 1200Hz) | |
| | | 1500 Hz | |
| | | 2500 Hz | |
| | | 4000 Hz | |
| | | 5000 Hz | |
| | | 6000 Hz | |
| | | 10 KHz | |
| | | 15 KHz | |
| | | 20 KHz | |
| | | 25 KHz | |
| | E-FLY | On / Off | |
| E-FLY CH | CH 00 – CH 14 | | |

CONTINUED ON NEXT PAGE

| | | | |
|--|-------------------------|---------------------|---|
| PERSONALITY (continued from prev page) | Reset Motors | Reset All Motors | No / Yes |
| | | Pan / Tilt Reset | No / Yes |
| | | Color Reset | No / Yes |
| | | Gobo Reset | No / Yes |
| | | Focus Reset | No / Yes |
| | | Other Reset | No / Yes |
| | Display | Screen Saver Delay | Off |
| | | | 1 min – 10 min (default 1 min) |
| | | Screen Lock | On / Off |
| | | Rotate Display 180° | On / Off |
| | Temp Unit | C / F | |
| | Service (Password: 050) | Calibration | Pan |
| | | | Tilt |
| | | | Cyan Wheel |
| | | | Magenta Wheel |
| | | | Yellow Wheel |
| | | | Color Wheel |
| | | | Gobo Wheel |
| | | | Gobo Rot. Wheel 1 |
| | | | Gobo Rot. Wheel 2 |
| Gobo Rot. Wheel 3 | | | |
| Gobo Rot. Wheel 4 | | | |
| Gobo Rot. Wheel 5 | | | |
| Gobo Rot. Wheel 6 | | | |
| Gobo Rot. Wheel 7 | | | |
| Gobo Rot. Wheel 8 | | | |
| Fixed Gobo Wheel | | | |
| Prism 1 | | | |

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| | | | | |
|--|---|--|--------------------|--|
| PERSONALITY (continued from prev page) | Service (Password: 050) (continued from prev page) | Calibration (continued from prev page) | Prism 1 Rot. | |
| | | | Prism 2 | |
| | | | Prism 2 Rot. | |
| | | | Focus | |
| | | | Zoom | |
| | | | Iris | |
| | | Frost | | |
| | | USB Update | On / Off | |
| | | Factory Reset | No / Yes | |
| MANUAL CONTROL | Pan, Pan Fine, Tilt, Tilt Fine, Cyan, Cyan Fine, Magenta, Magenta Fine, Yellow, Yellow Fine, CMC Mix Mode, Color Wheel, Rotate Gobo, Gobo Index, Gobo Index Fine, Fixed Gobo Wheel, SFX, Prism 1 Rot., Prism 2 Rot., Focus, Focus Fine, Zoom, Zoom Fine, Strobe, Dimmer, Dimmer Fine, Dim Modes, Iris, Frost, Pan/Tilt Speed, Control | | | |
| INTERNAL PROGRAMS | Program 1 | Speed | | |
| | | Fade | | |
| | Program 2 | Speed | | |
| | | Fade | | |
| | Program 3 | Speed | | |
| | | Fade | | |
| | ... | | | |
| | Program 16 | Speed | | |
| Fade | | | | |
| INFORMATION | Fixture Life Time | Power On Time | | |
| | Fixture Last Time | Power On Time Since Last Reset | | |
| | | Time Reset | | |
| | Fixture Temps | LEDs | Current | |
| | | | Max Resettable | |
| | | | Max Not Resettable | |
| | | Reset LED Temp | | |
| Base Temp | | | | |
| <i>CONTINUED ON NEXT PAGE</i> | | | | |

| | | | |
|--|----------------|------------------------|--------------------|
| INFORMATION (continued from prev page) | Fixture Temps | LEDs | Current |
| | | | Max Resettable |
| | | | Max Not Resettable |
| | | Reset LED Temp | |
| | | Base Temp | |
| | Fan Info (RPM) | LED Fan RPM | Fan 1 |
| | | | Fan 2 |
| | | Base Fan RPM | Fan 1 |
| | | | Fan 2 |
| | DMX Values | Pan, Pan Fine, Tilt... | |
| | Product IDs | RDM UID | |
| | Error Logs | Fixture Errors | Error 1 – 10 |
| | | | Pan |
| | | | Tilt |
| | | | Cyan Wheel |
| | | | Magenta Wheel |
| | | | Yellow Wheel |
| | | | Color Wheel |
| | | | Gobo Wheel |
| | | | Gobo Rot. Wheel |
| Fixed Gobo Wheel | | | |
| Prism 1 | | | |
| Prism 1 Rot. | | | |
| Prism 2 | | | |
| Prism 2 Rot. | | | |
| Focus | | | |
| Zoom | | | |
| Iris | | | |
| Head Fan 1 | | | |

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| | | | |
|--|--|--|------------|
| INFORMATION (continued from prev page) | Error Logs (continued from prev page) | Fixture Errors (continued from prev page) | Head Fan 2 |
| | | | Base Fan 1 |
| | | | Base Fan 2 |
| | | | Head Temp |
| | | | Base Temp |
| | Reset Error Log | No / Yes | |
| | Software Version | 1.06 | |

DMX CHANNEL FUNCTIONS AND VALUES

| FUZE SFX DMX Channel Values / Functions (31 DMX Channels) | | | | | |
|--|---------------------------------------|-------------------------------|---------|------|------|
| Supports Software Versions: \geq 1.06 | | | | | |
| Features subject to change without any prior written notice. | | | | | |
| CHANNEL | VALUE | FUNCTION | DEFAULT | SNAP | HOLD |
| 1 | 000 – 255 | Pan Movement | 127 | | |
| 2 | 000 – 255 | Pan Movement Fine | 127 | | |
| 3 | 000 – 255 | Tilt Movement | 127 | | |
| 4 | 000 – 255 | Tilt Movement Fine | 127 | | |
| 5 | Cyan | | 0 | | |
| | <i>Full</i> | | | | |
| | 000 – 255 | Cyan (0 – 100%) | | | |
| | <i>SFX</i> | | | | |
| | 000 – 170 | Cyan (0 – 100%) | | | |
| | 171 – 189 | Cyan (100% - Open) | | | |
| | 190 – 221 | Scroll Clockwise Fast to Slow | | | |
| | 222 – 223 | Stop | | | |
| 224 – 255 | Scroll Counter-Clockwise Slow to Fast | | | | |
| 6 | 000 – 255 | Cyan Fine Control | 0 | | |
| 7 | Magenta | | 0 | | |
| | <i>Full</i> | | | | |
| | 000 – 255 | Magenta (0 – 100%) | | | |
| | <i>SFX</i> | | | | |
| | 000 – 170 | Magenta (0 – 100%) | | | |
| | 171 – 189 | Magenta (100% - Open) | | | |
| | 190 – 221 | Scroll Clockwise Fast to Slow | | | |
| | 222 – 223 | Stop | | | |
| 224 – 255 | Scroll Counter-Clockwise Slow to Fast | | | | |
| 8 | 000 – 255 | Magenta Fine Control | 0 | | |
| 9 | Yellow | | 0 | | |
| | <i>Full</i> | | | | |
| | 000 – 255 | Yellow (0 – 100%) | | | |
| | <i>SFX</i> | | | | |
| | 000 – 170 | Yellow (0 – 100%) | | | |
| | 171 – 189 | Yellow (100% - Open) | | | |
| | 190 – 221 | Scroll Clockwise Fast to Slow | | | |
| | 222 – 223 | Stop | | | |
| 224 – 255 | Scroll Counter-Clockwise Slow to Fast | | | | |
| 10 | 000 – 255 | Yellow Fine Control | 0 | | |
| 11 | CMY Mix Mode | | 0 | X | |
| | 000 – 127 | Full | | | |
| | 128 – 255 | SFX | | | |
| CONTINUED ON NEXT PAGE | | | | | |

| CHANNEL | VALUE | FUNCTION | DEFAULT | SNAP | HOLD |
|-----------|---|--------------------|---------|------|------|
| 12 | Color Wheel | | 0 | | |
| | 000 – 005 | Open | | | |
| | 006 – 010 | White/Red Split | | | |
| | 011 – 015 | Red | | | |
| | 016 – 020 | Red/Yellow Split | | | |
| | 021 – 025 | Yellow | | | |
| | 026 – 030 | Yellow/Green Split | | | |
| | 031 – 035 | Green | | | |
| | 036 – 040 | Green/Orange Split | | | |
| | 041 – 045 | Orange | | | |
| | 046 – 050 | Orange/Pink Split | | | |
| | 051 – 055 | Pink | | | |
| | 056 – 060 | Pink/CTO Split | | | |
| | 061 – 065 | CTO | | | |
| | 066 – 070 | High CRI | | | |
| | 071 – 075 | CTO/High CRI Split | | | |
| | 076 – 080 | CTO/Blue Split | | | |
| | 081 – 085 | Medium Blue | | | |
| | 086 – 090 | Blue/White Split | | | |
| | 091 – 100 | Open | | | |
| | Combinations (see Combination Sheet for reference) | | | | |
| | 101 | Combo 1 | | | |
| | 102 | Combo 2 | | | |
| | 103 | Combo 3 | | | |
| | 104 | Combo 4 | | | |
| 105 | Combo 5 | | | | |
| 106 | Combo 6 | | | | |
| 107 | Combo 7 | | | | |
| 108 | Combo 8 | | | | |
| 109 | Combo 9 | | | | |
| 110 | Combo 10 | | | | |
| 111 – 127 | Reserved | | | | |
| 128 – 189 | Scroll Clockwise Fast to Slow | | | | |
| 190 – 193 | Stop | | | | |
| 194 – 255 | Scroll Counter-Clockwise Slow to Fast | | | | |

CONTINUED ON NEXT PAGE

| CHANNEL | VALUE | FUNCTION | DEFAULT | SNAP | HOLD |
|-----------|---|-------------------------------------|---------|------|------|
| 13 | Rotating Gobo | | 0 | X | |
| | 000 – 005 | Open | | | |
| | 006 – 012 | Rotating Gobo 1 | | | |
| | 013 – 019 | Rotating Gobo 2 | | | |
| | 020 – 026 | Rotating Gobo 3 | | | |
| | 027 – 033 | Rotating Gobo 4 | | | |
| | 034 – 040 | Rotating Gobo 5 | | | |
| | 041 – 047 | Rotating Gobo 6 | | | |
| | 048 – 054 | Rotating Gobo 7 | | | |
| | 055 – 061 | Rotating Gobo 8 | | | |
| | 062 – 077 | Rotating Gobo 1 Shake, Slow to Fast | | | |
| | 078 – 093 | Rotating Gobo 2 Shake, Slow to Fast | | | |
| | 094 – 109 | Rotating Gobo 3 Shake, Slow to Fast | | | |
| | 110 – 125 | Rotating Gobo 4 Shake, Slow to Fast | | | |
| | 126 – 141 | Rotating Gobo 5 Shake, Slow to Fast | | | |
| | 142 – 157 | Rotating Gobo 6 Shake, Slow to Fast | | | |
| | 158 – 173 | Rotating Gobo 7 Shake, Slow to Fast | | | |
| | 174 – 189 | Rotating Gobo 8 Shake, Slow to Fast | | | |
| 190 – 221 | Scroll Clockwise, Fast to Slow | | | | |
| 222 – 223 | Stop | | | | |
| 224 – 255 | Scroll Counter-Clockwise, Slow to Fast | | | | |
| 14 | Rotating Gobo Rotation Index | | 63 | | |
| | 000 – 127 | Gobo Indexing | | | |
| | 128 – 189 | Clockwise Gobo Scroll, Fast to Slow | | | |
| | 190 – 193 | No Rotation | | | |
| 194 – 255 | Counter-Clockwise Gobo Scroll, Slow to Fast | | | | |
| 15 | 000 – 255 | Rotating Gobo Fine Indexing | 0 | | |

CONTINUED ON NEXT PAGE

| CHANNEL | VALUE | FUNCTION | DEFAULT | SNAP | HOLD |
|-----------|--|--|---------|------|------|
| 16 | Fixed Gobo | | 0 | X | |
| | 000 - 005 | Open | | | |
| | 006 - 014 | Fixed Gobo 1 | | | |
| | 015 - 023 | Fixed Gobo 2 | | | |
| | 024 - 032 | Fixed Gobo 3 | | | |
| | 033 - 041 | Fixed Gobo 4 | | | |
| | 042 - 050 | Fixed Gobo 5 | | | |
| | 051 - 059 | Fixed Gobo 6 | | | |
| | 060 - 068 | Fixed Gobo 7 | | | |
| | 069 - 077 | Fixed Gobo 8 | | | |
| | 078 - 086 | Fixed Gobo 9 | | | |
| | 087 - 095 | Fixed Gobo 10 | | | |
| | 096 - 104 | Fixed Gobo 1 Shake, Slow to Fast | | | |
| | 105 - 113 | Fixed Gobo 2 Shake, Slow to Fast | | | |
| | 114 - 122 | Fixed Gobo 3 Shake, Slow to Fast | | | |
| | 123 - 131 | Fixed Gobo 4 Shake, Slow to Fast | | | |
| | 132 - 140 | Fixed Gobo 5 Shake, Slow to Fast | | | |
| | 141 - 149 | Fixed Gobo 6 Shake, Slow to Fast | | | |
| | 150 - 158 | Fixed Gobo 7 Shake, Slow to Fast | | | |
| | 159 - 167 | Fixed Gobo 8 Shake, Slow to Fast | | | |
| | 168 - 176 | Fixed Gobo 9 Shake, Slow to Fast | | | |
| | 177 - 185 | Fixed Gobo 10 Shake, Slow to Fast | | | |
| 186 - 217 | Scroll Clockwise, Fast to Slow | | | | |
| 218 - 223 | Stop | | | | |
| 224 - 255 | Scroll Counter-Clockwise, Slow to Fast | | | | |
| 17 | SFX | | 0 | X | |
| | 000 - 020 | Open | | | |
| | 021 - 040 | Prism 1 | | | |
| | 041 - 060 | Prism 2 | | | |
| | 061 - 080 | Prism 1 + 2 | | | |
| | 081 - 100 | Idle | | | |
| | 101 | SFX 1 | | | |
| | 102 | SFX 2 | | | |
| | ... | ... | | | |
| | 200 | SFX 100 | | | |
| | 201 - 255 | Idle | | | |
| 18 | Prism 1 Index / Rotation / SFX Speed | | 0 | | |
| | 000 - 127 | Prism Indexing | | | |
| | 128 - 189 | Clockwise Prism Rotation, Fast to Slow | | | |
| | 190 - 193 | No Rotation | | | |
| 194 - 255 | Counter-Clockwise Prism Rotation, Slow to Fast | | | | |

CONTINUED ON NEXT PAGE

| CHANNEL | VALUE | FUNCTION | DEFAULT | SNAP | HOLD |
|-----------|---------------------------------|--|---------|------|------|
| 19 | Prism 2 Index / Rotation | | 0 | | |
| | 000 – 127 | Prism Indexing | | | |
| | 128 – 189 | Clockwise Prism Rotation, Fast to Slow | | | |
| | 190 – 193 | No Rotation | | | |
| | 194 – 255 | Counter-Clockwise Prism Rotation, Slow to Fast | | | |
| 20 | 000 – 255 | Continuous Focus Adjustment, Near to Far | 127 | | |
| 21 | 000 – 255 | Continuous Fine Focus Adjustment | 0 | | |
| 22 | 000 – 255 | Zoom Adjustment, Out to In | 127 | | |
| 23 | 000 – 255 | Fine Zoom Adjustment | 0 | | |
| 24 | Strobe | | 50 | X | |
| | 000 – 031 | Off (Shutter Closed) | | | |
| | 032 – 063 | No Function (Shutter Open) | | | |
| | 064 – 095 | Strobe Effect, Slow to Fast | | | |
| | 096 – 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) | | | | |
| 25 | 000 – 255 | Dimmer Intensity, 0 to 100% | 0 | | |
| 26 | 000 – 255 | Dimmer Fine | 0 | | |








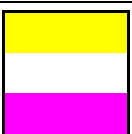

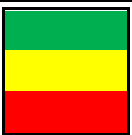
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| CHANNEL | VALUE | FUNCTION | DEFAULT | SNAP | HOLD |
|-------------------------------|-----------------------------------|-----------------------------------|---------|------|------|
| 27 | Dimmer Configuration | | 0 | X | |
| | <i>Dim Modes</i> | | | | |
| | 000 – 020 | Standard | | | |
| | 021 – 040 | Stage | | | |
| | 041 – 060 | TV | | | |
| | 061 – 080 | Architectural | | | |
| | 081 – 100 | Theatre | | | |
| | 101 – 120 | Stage 2 | | | |
| | <i>Dimmer Delay Time</i> | | | | |
| | 121 | 0.0s | | | |
| | 122 | 0.1s | | | |
| | 123 | 0.2s | | | |
| | 124 | 0.3s | | | |
| | 125 | 0.4s | | | |
| | 126 | 0.5s | | | |
| | 127 | 0.6s | | | |
| | 128 | 0.7s | | | |
| | 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 | 10.0s | | | | |
| 142 – 255 | Idle | | | | |
| 28 | Iris | | 0 | | |
| | 000 – 191 | Iris Diameter, Maximum to Minimum | | | |
| | 192 – 223 | Pulse Opening, Fast to Slow | | | |
| | 224 – 255 | Pulse Closing, Slow to Fast | | | |
| 29 | 000 – 255 | Frost, Open to Full | 0 | | |
| 30 | Pan / Tilt and Color Speed | | 0 | X | |
| | 000 – 225 | Speed, Maximum to Minimum | | | |
| | 226 – 235 | Blackout by Movement | | | |
| | 236 – 245 | Blackout by All Wheel Changing | | | |
| | 246 – 255 | No Function | | | |
| <i>CONTINUED ON NEXT PAGE</i> | | | | | |

| CHANNEL | VALUE | FUNCTION | DEFAULT | SNAP | HOLD |
|-------------------------------|---------------------|-------------------------------------|---------|------|------|
| 31 | Control | | 0 | X | 3 s |
| | 000 – 009 | Color Change Snap | | | |
| | 010 – 019 | Color Change to Any Position | | | |
| | 020 – 029 | Color & Gobo Change to Any Position | | | |
| | 030 – 034 | Color Correct Gobo Disabled | | | |
| | 035 – 039 | Color Correct Gobo Enabled | | | |
| | 040 – 044 | Low Noise – Mute | | | |
| | 045 – 049 | Low Noise – Studio | | | |
| | 050 – 059 | Fan Control – Low | | | |
| | 060 – 069 | Fan Control – High | | | |
| | 070 – 079 | Fan Control – Auto (Default) | | | |
| | 080 – 084 | Reset All Motors | | | |
| | 085 – 087 | Pan / Tilt Reset | | | |
| | 088 – 090 | Color Reset | | | |
| | 091 – 093 | Gobo Reset | | | |
| | 094 – 096 | Focus and Zoom Reset | | | |
| | 097 – 099 | Reset Other Motors | | | |
| | <i>Refresh Rate</i> | | | | 1 s |
| | 100 | 900 Hz | | | |
| | 101 | 910 Hz | | | |
| | 102 | 920 Hz | | | |
| | 103 | 930 Hz | | | |
| | 104 | 940 Hz | | | |
| | 105 | 950 Hz | | | |
| | 106 | 960 Hz | | | |
| | 107 | 970 Hz | | | |
| | 108 | 980 Hz | | | |
| | 109 | 990 Hz | | | |
| | 110 | 1000 Hz | | | |
| | 111 | 1010 Hz | | | |
| 112 | 1020 Hz | | | | |
| 113 | 1030 Hz | | | | |
| 114 | 1040 Hz | | | | |
| 115 | 1050 Hz | | | | |
| 116 | 1060 Hz | | | | |
| 117 | 1070 Hz | | | | |
| 118 | 1080 Hz | | | | |
| 119 | 1090 Hz | | | | |
| 120 | 1100 Hz | | | | |
| 121 | 1110 Hz | | | | |
| 122 | 1120 Hz | | | | |
| 123 | 1130 Hz | | | | |
| 124 | 1140 Hz | | | | |
| 125 | 1150 Hz | | | | |
| 126 | 1160 Hz | | | | |
| 127 | 1170 Hz | | | | |
| 128 | 1180 Hz | | | | |
| 129 | 1190 Hz | | | | |
| <i>CONTINUED ON NEXT PAGE</i> | | | | | |

| CHANNEL | VALUE | FUNCTION | DEFAULT | SNAP | HOLD |
|-------------------|---------------------------------|----------|---------|------|------|
| 31 (continued) | <i>Refresh Rate (continued)</i> | | 0 | X | 1 s |
| | 130 | 1200 Hz | | | |
| | 131 | 1210 Hz | | | |
| | 132 | 1220 Hz | | | |
| | 133 | 1230 Hz | | | |
| | 134 | 1240 Hz | | | |
| | 135 | 1250 Hz | | | |
| | 136 | 1260 Hz | | | |
| | 137 | 1270 Hz | | | |
| | 138 | 1280 Hz | | | |
| | 139 | 1290 Hz | | | |
| | 140 | 1300 Hz | | | |
| | 141 | 1310 Hz | | | |
| | 142 | 1320 Hz | | | |
| | 143 | 1330 Hz | | | |
| | 144 | 1340 Hz | | | |
| | 145 | 1350 Hz | | | |
| | 146 | 1360 Hz | | | |
| | 147 | 1370 Hz | | | |
| | 148 | 1380 Hz | | | |
| | 149 | 1390 Hz | | | |
| | 150 | 1400 Hz | | | |
| | 151 | 1410 Hz | | | |
| | 152 | 1420 Hz | | | |
| | 153 | 1430 Hz | | | |
| | 154 | 1440 Hz | | | |
| | 155 | 1450 Hz | | | |
| | 156 | 1460 Hz | | | |
| | 157 | 1470 Hz | | | |
| | 158 | 1480 Hz | | | |
| | 159 | 1490 Hz | | | |
| | 160 | 1500 Hz | | | |
| | 161 | 2500 Hz | | | |
| | 162 | 4000 Hz | | | |
| | 163 | 5000 Hz | | | |
| | 164 | 6000 Hz | | | |
| | 165 | 10000 Hz | | | |
| | 166 | 15000 Hz | | | |
| | 167 | 20000 Hz | | | |
| | 168 | 25000 Hz | | | |
| | 169 – 190 | Idle | | | |
| 191 – 195 | Hibernation OFF | | | | |
| 196 – 200 | Hibernation ON | | | | |
| | <i>Dimmer Curve</i> | | 0 | X | 3 s |
| 201 – 210 | Linear (Default) | | | | |
| 211 – 220 | Square | | | | |
| 221 – 230 | Inverse Square | | | | |
| 231 – 240 | S-Curve | | | | |
| 241 – 255 | Idle | | | | |

COLOR COMBINATION TABLE

| COLOR COMBINATIONS | | | | | |
|--------------------|---|-----------|-----------|-----------|-------------|
| COMBINATION | IMAGE | CYAN | MAGENTA | YELLOW | COLOR WHEEL |
| 1 |  | 50% split | 50% split | 0% | Open |
| 2 |  | 100% | 50% split | 0% | Open |
| 3 |  | 50% split | 100% | 0% | Open |
| 4 |  | 33% split | 33% split | 0% | Open |
| 5 |  | 0% | 50% split | 50% split | Open |
| 6 |  | 0% | 50% split | 100% | Open |
| 7 |  | 0% | 100% | 50% split | Open |
| 8 |  | 0% | 33% split | 33% split | Open |
| 9 |  | 50% split | 50% split | 50% split | Open |
| 10 |  | 33% split | 33% split | 0% | Yellow |

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) 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 | |
| RotGobo | 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) or there is a motor failure (defective motor or a defective motor IC drive on the main PCB). |
| RotGobo2 | |
| Iris | |
| RotGoboIndex | |
| RotGobo2Index | |
| Animation | |
| Anima.Index | |
| Zoom | |
| Focus | |
| Frost | |
| Prism | |
| PrismIndex | |
| HeadTemp | These messages will appear if there is a temperature and/or fan malfunction. |
| CoolFan1 | |
| CoolFan2 | |
| CoolFan3 | |
| CoolFan4 | |
| BaseTemp | |
| BaseFan | |

SPECIFICATIONS

SOURCE

300W 6,600K Bright White LED Engine
20,000 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.

PHOTOMETRIC DATA

12,135 Total Lumen Output
CRI 68

EFFECTS

4.5° - 38° Motorized Zoom
Remote Focus
Variable Frost Filter
Dual Independent Prisms for Layering
Motorized Iris
Variable 16-bit Dimming Curve Modes
High Speed Electronic Shutter and Strobe

COLOR

CMY Variable Color Mix
7 Position Color Wheel

GOBOS

2 Gobo Wheels
Wheel #1 with 8 Rotating / Interchangeable Glass Gobos
Wheel #2 with 10 Static Gobos

CONTROL / CONNECTIONS

31 DMX Channels
16-bit Pan, Tilt, and Dimming Control
DMX Adjustable LED Frequency
DMX, RDM, E-FLY Wireless, Art-Net, sACN Protocol Support
4 Button Touch Control Panel
Full Color 180° Reversible LCD Menu Display
Locking 5pin XLR Connector In/Out
Locking RJ45 Ethernet Connector In/Out
IP65 Locking Power Connector In/Out
USB Connection (Firmware Updates)
With Wired Digital Communication Network

SIZE / WEIGHT

Length: 14.6" (370mm)
Width: 10.1" (230mm)
Vertical Height: 23.41" (594.5mm)
Weight: 46.3 lbs. (19.3kg)

ELECTRICAL / THERMAL

AC 100-240V - 50/60Hz
432W Max Power Consumption
14°F to 113°F (-10°C to 45°C)
BTU/hr (+/- 10%) 1473.12

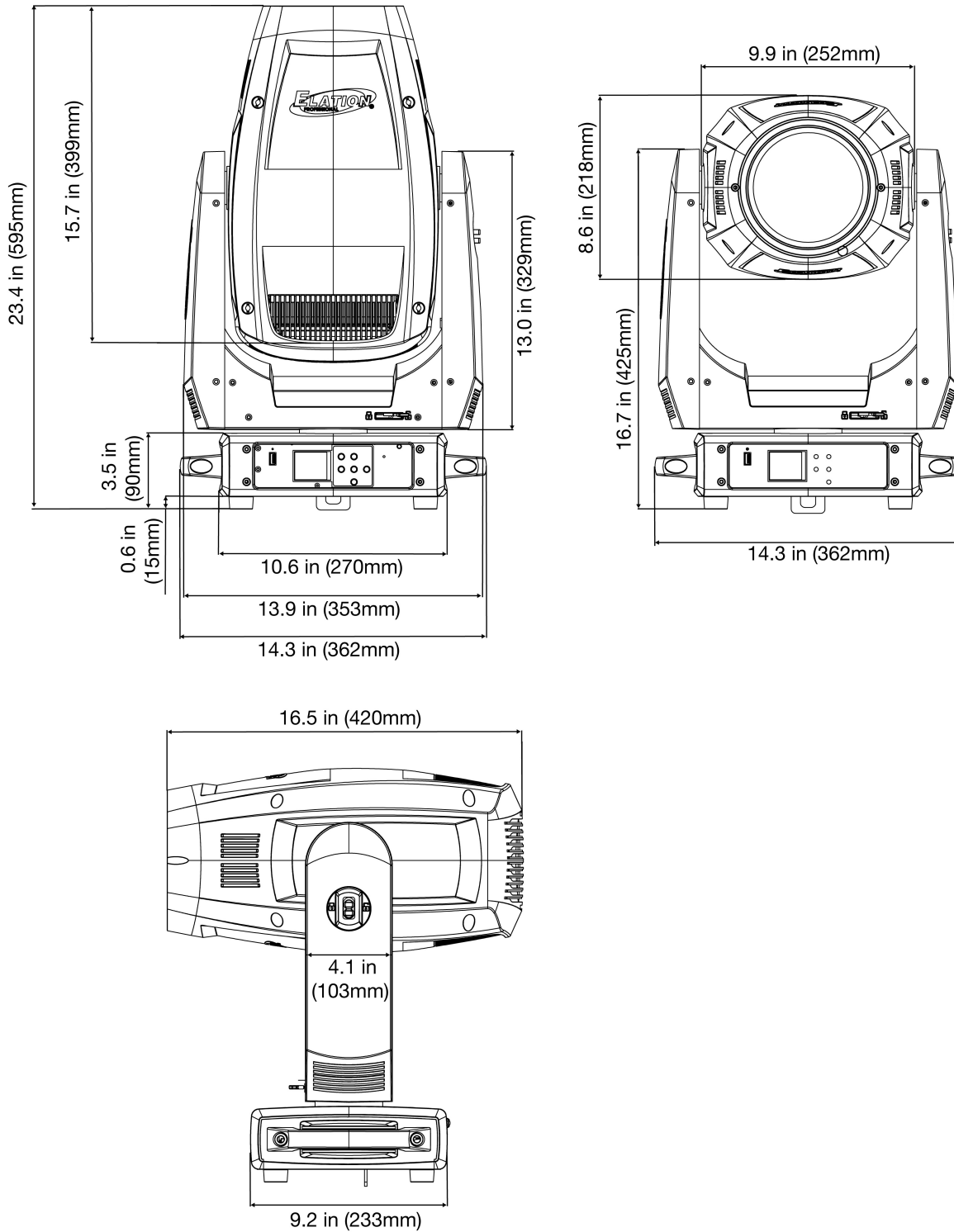
APPROVALS / RATINGS

CE | cETLus | IP20



Specifications and documentation subject to change without notice.

DIMENSIONAL DRAWINGS



Dimensional Drawings not to scale.

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

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.

SKU: FUZ406
EU: 1237000223
UPC: 810008260852