VIZI BEAM CMY
User Manual

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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!

DOCUMENT VERSION

Due to additional product features and/or enhancements, an updated version of this document may be available online.
Please check www.adj.com for the latest revision/update of this manual before beginning installation and/or programming.

Date	Document Version	Software Version >	DMX Channel Mode	Notes
01/11/24	1	1.01	20ch / 24ch	Initial Release
03/04/24	1.1	N/C	No Change	Corrected specifications
05/10/24	1.2	0.0.1	No Change	Updated Color Flags and Color Wheels, System Menu, DMX Traits, Specifications, FCC Statement
11/22/24	1.3	N/C	No Change	Updated System Menu & DMX Traits
03/07/25	1.4	N/C	No Change	Updated Dimensional Drawing, Specifications
04/17/25	1.5	N/C	No Change	Updated Discharge Lamp Warnings, Lamp Replacement, Installation Guidelines, Safety Guidelines, DMX Traits

CONTENTS

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.

This product is intended for use by professionally trained personnel only, and is not suitable for private use.

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

Omega Brackets
1.83M locking power cable

CUSTOMER SUPPORT

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

ADJ SERVICE USA - Monday - Friday 8:00am to 4:30pm PST
323-582-2650 | Fax: 323-832-2941 | support@adj.com

ADJ SERVICE EUROPE - Monday - Friday 08:30 to 17:00 CET
+31 45 546 85 60 | Fax: +31 45 546 85 96 | support@adj.eu | info@adj.eu

REPLACEMENT PARTS please visit parts.adj.com

⚠ IMPORTANT NOTICE!

**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 WARRANTY CLAIMS AND/OR REPAIRS.**

LIMITED WARRANTY (USA ONLY)

A. ADJ Products, LLC hereby warrants, to the original purchaser, ADJ Products, LLC products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.

B. For warranty service, you must obtain a Return Authorization number (RA#) before sending back the product-please contact ADJ Products, LLC Service Department at 800-322-6337. Send the product only to the ADJ Products, LLC factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, ADJ Products, LLC will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products, LLC shall have no liability whatsoever for loss of or damage to any such accessories, or for the safe return thereof.

C. This warranty is void of the serial number has been altered or removed; if the product is modified in any manner which ADJ Products, LLC concludes, after inspection, affects the reliability of the product, if the product has been repaired or service by anyone other than ADJ Products, LLC factory unless prior written authorization was issued to purchaser by ADJ Products, LLC; if the product is damaged because not properly maintained as set forth in the instruction manual.

D. This is not a service contact, and this warranty does not include maintenance, cleaning or periodic check up. During the period specified above, ADJ Products, LLC will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warrant service and repair labor by reason of defects in material or workmanship. The sole responsibility of ADJ Products, LLC under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of ADJ Products, LLC. All products covered by this warranty were manufactured after August 15, 2012, and bear identifying marks to that effect.

E. ADJ Products, LLC reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

F. No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by ADJ Products, LLC in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and/or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall ADJ Products, LLC be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

G. This warranty is the only written warranty applicable to ADJ Products, LLC Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

LIMITED WARRANTY PERIODS

* **Non L.E.D. Lighting Products = 1-year (365 days) Limited Warranty** (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc. excluding LED and lamps)
* **Laser Products = 1 Year (365 Days) Limited Warranty** (excludes laser diodes which have 6 month limited warranty)
* **L.E.D. Products = 2-year (730 days) Limited Warranty** (excluding batteries which have a 180 day limited warranty) Note: 2 Year Warranty only applies to purchases within the United States.
* **StarTec Series = 1 Year Limited Warranty** (excluding batteries which have a 180 day limited warranty)
* **ADJ DMX Controllers = 2 Year (730 Days) Limited Warranty**

SAFETY GUIDELINES

This device is a sophisticated piece of electronic equipment. To guarantee a smooth operation, it is important to follow all instructions and guidelines in this manual. ADJ PRODUCTS, LLC. is not responsible for injury and/or damages resulting from the misuse of this device due to the disregard of the information printed in this manual. Only the original included parts and/or accessories for this device should be used. Any modifications to the device, included and/or accessories 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 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!

KEEP DRY

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

MINIMUM DISTANCE TO OBJECTS/SURFACES
MUST BE 39.4 FEET (12 METERS)
MAXIMUM TEMP OF EXTERNAL SURFACE 194°F (90°C)
MINIMUM DISTANCE OF INFLAMMABLE MATERIALS
FROM THE SURFACE 1.6 FEET (0.5 METER)

WARNING
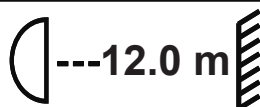
---12.0 m

Minimum distance to lighted objects 12.0 meters.
Maximum temperature of the external surface is 90°C
Minimum distance of inflammable materials from the surface 0.5m.

SAFETY GUIDELINES

⚠ CAUTION

HIGH INTENSITY ULTRAVIOLET LIGHT

UV

AVOID DIRECT EYE & SKIN EXPOSURE. WEAR PROPER EYE & SKIN PROTECTION. SEE MANUAL FOR SAFETY INSTRUCTIONS.

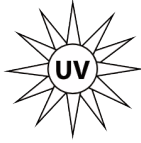RISK GROUP 3 - RISK OF EXPOSURE TO ULTRAVIOLET UV RADIATION! THE FIXTURE EMITS A HIGH-INTENSITY WAVELENGTH OF ULTRAVIOLET UV LIGHT FROM THE UV COLOR FILTER. WEAR PROPER EYE AND SKIN PROTECTION. AVOID PROLONGED PERIODS OF EXPOSURE TO THE UV COLOR FILTER. AVOID WEARING WHITE CLOTHING AND/OR USING UV PAINTS ON THE SKIN. AVOID DIRECT EYE AND/OR SKIN EXPOSURE AT DISTANCES LESS THAN 11 FEET (3.3M). DO NOT OPERATE THE FIXTURE WITH DAMAGED/MISSING EXTERNAL COVERS. DO NOT LOOK DIRECTLY INTO THE UV LIGHT AND/OR VIEW UV LIGHT DIRECTLY WITH OPTICAL INSTRUMENTS THAT MAY CONCENTRATE THE LIGHT/RADIATION OUTPUT. INDIVIDUALS SUFFERING FROM A RANGE OF EYE CONDITIONS, SUNLIGHT EXPOSURE DISORDERS, OR INDIVIDUALS USING PHOTOSENSITIVE MEDICATION MAY EXPERIENCE DISCOMFORT IF EXPOSED TO THE ULTRAVIOLET UV LIGHT EMITTED FROM THE UV LED.

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 the fixture; avoid brute force when installing and/or operating the fixture.

DO NOT operate the 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 a similar power rating.

DO NOT block any air ventilation slots. All fan and air inlets must remain clean and never blocked. Allow approximately 7.9" (20cm) between the fixture and other devices or a wall for proper cooling.

When installing the fixture in a suspended environment, always use mounting hardware that is no less than M10 x 25 mm, and always install the fixture with an appropriately rated safety cable.

Always disconnect the fixture from the 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, light smoke or a 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 the fixture functions properly for many years.

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

DISCHARGE LAMP WARNING
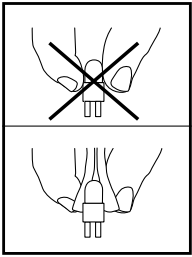
This fixture is equipped with a DISCHARGE LAMP, which is highly susceptible to damage if mishandled. NEVER touch the lamp with your bare hands, as the oil from your hands will shorten the lamp's life. NEVER move the fixture until the lamp has had ample time to cool. DISCHARGE LAMPS are NOT covered under warranty conditions. Avoid switching the fixture ON and OFF repeatedly in short intervals, as this will reduce lamp life and intensity. To achieve the intensity associated with discharge lamps, these lamps use gas sealed in a high-pressure environment to emit a brilliant output.

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

UV RADIATION NOTICE

THIS FIXTURE EMITS INTENSE UV RADIATION, WHICH IS HARMFUL TO THE EYES AND SKIN. THE INTENSE LUMINESCENCE OF THE LAMP CAN CAUSE SEVERE DAMAGE TO THE RETINA. NEVER OPERATE THIS FIXTURE WITH ANY OF THE PROTECTIVE COVERS REMOVED. THESE COVERS HAVE BEEN SPECIALLY DESIGNED TO SHIELD AGAINST UV RADIATION.

LAMP REPLACEMENT

THE LIGHT SOURCE SHOULD ONLY BE REPLACED BY THE MANUFACTURER OR OTHER QUALIFIED SERVICE PERSONNEL! DO NOT PERFORM REPLACEMENT IF YOU ARE NOT QUALIFIED TO DO SO!

USE ONLY GENUINE ORIGINAL PHILIPS™ LAMPS. OTHER BRAND LAMPS WILL CAUSE DAMAGE AND VOID THE FIXTURE WARRANTY!

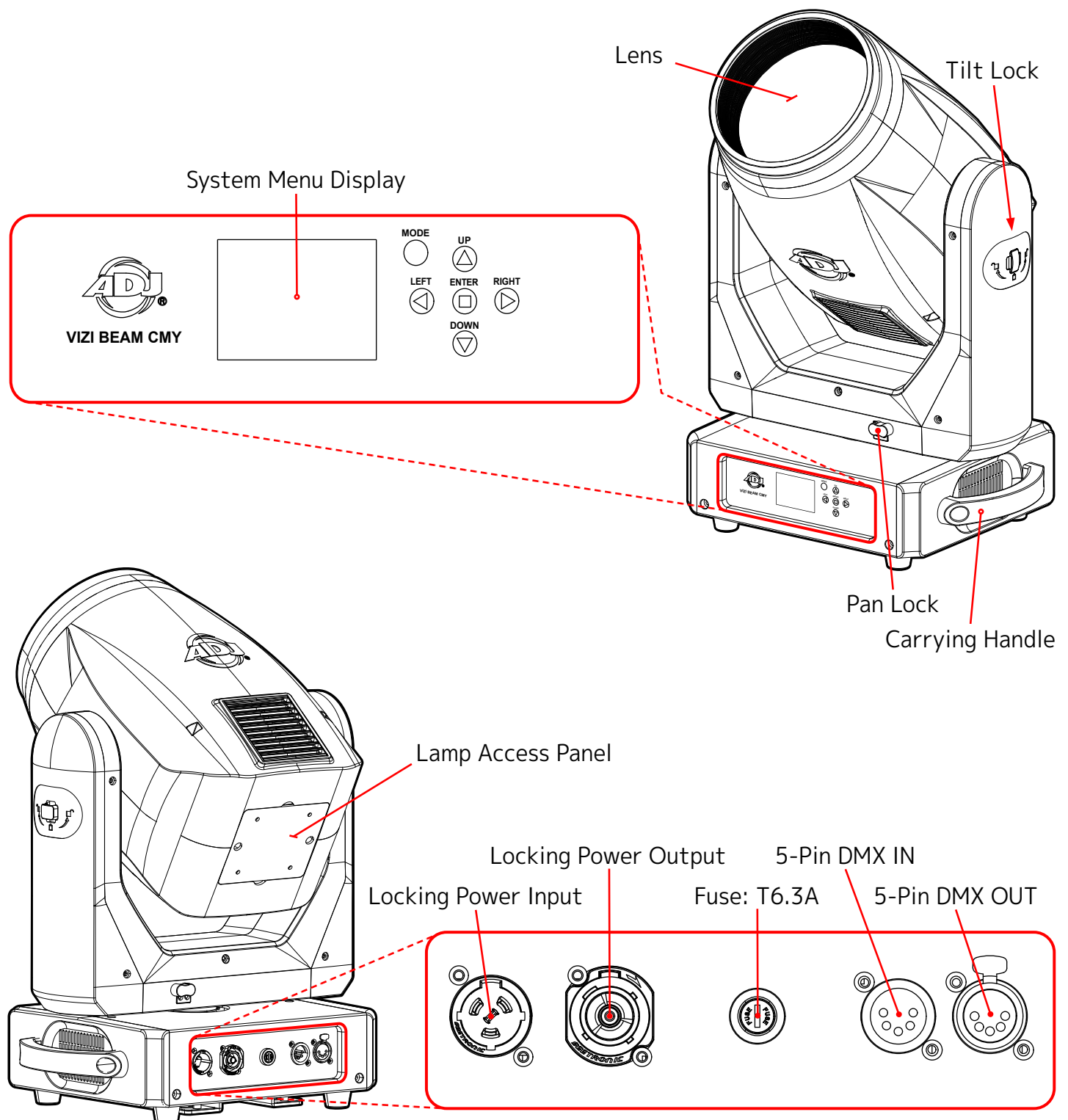**DISCONNECT THE MAIN POWER SUPPLY BEFORE REPLACING THE LAMP!**
THE FIXTURE MUST COOL FOR 15 MINUTES BEFORE REPLACING THE LAMP!
NEVER TOUCH THE LAMP WITH BARE HANDS; ALWAYS WEAR GLOVES!
OIL FROM HANDS WILL SHORTEN THE LIFE OF THE LAMP!

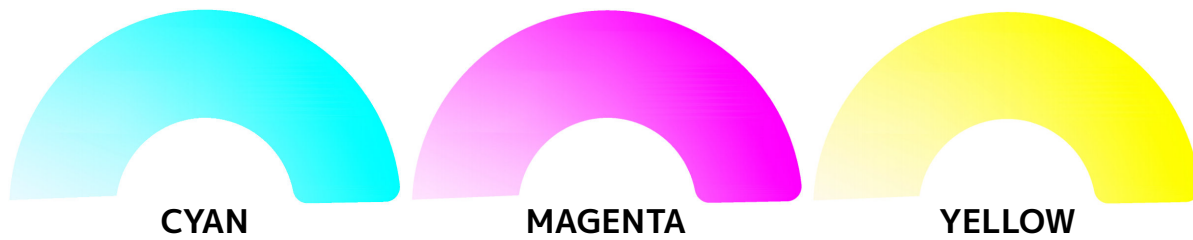**MAKE SURE ALL COVERS/FIXTURES ARE REPLACED/SECURED BEFORE OPERATING THE FIXTURE TO PREVENT ANY RISK AND/OR DAMAGE TO THE EYE RETINA FROM UV RADIATION EXPOSURE!**

OVERVIEW

Lens

Tilt Lock

System Menu Display

MODE

UP

LEFT   ENTER   RIGHT

DOWN

VIZI BEAM CMY

Pan Lock

Carrying Handle

Lamp Access Panel

Locking Power Output

5-Pin DMX IN

Locking Power Input

Fuse: T6.3A

5-Pin DMX OUT

COLOR FLAGS AND COLOR WHEELS

CMY COLOR FLAGS

CYAN   MAGENTA   YELLOW

COLOR WHEEL

Pos. 1
Red

Pos. 2
Blue

Pos. 3
Green

Pos. 4
Lime

Pos. 5
Orange

Pos. 6
Pink

Pos. 7
Lavender

Pos. 8
Medium Red

Pos. 9
Aqua

Pos. 10
Amber

Pos. 11
CTB 9000K

Pos. 12
4500K
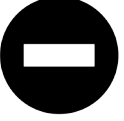
Pos. 13
3200K

Pos. 14
UV
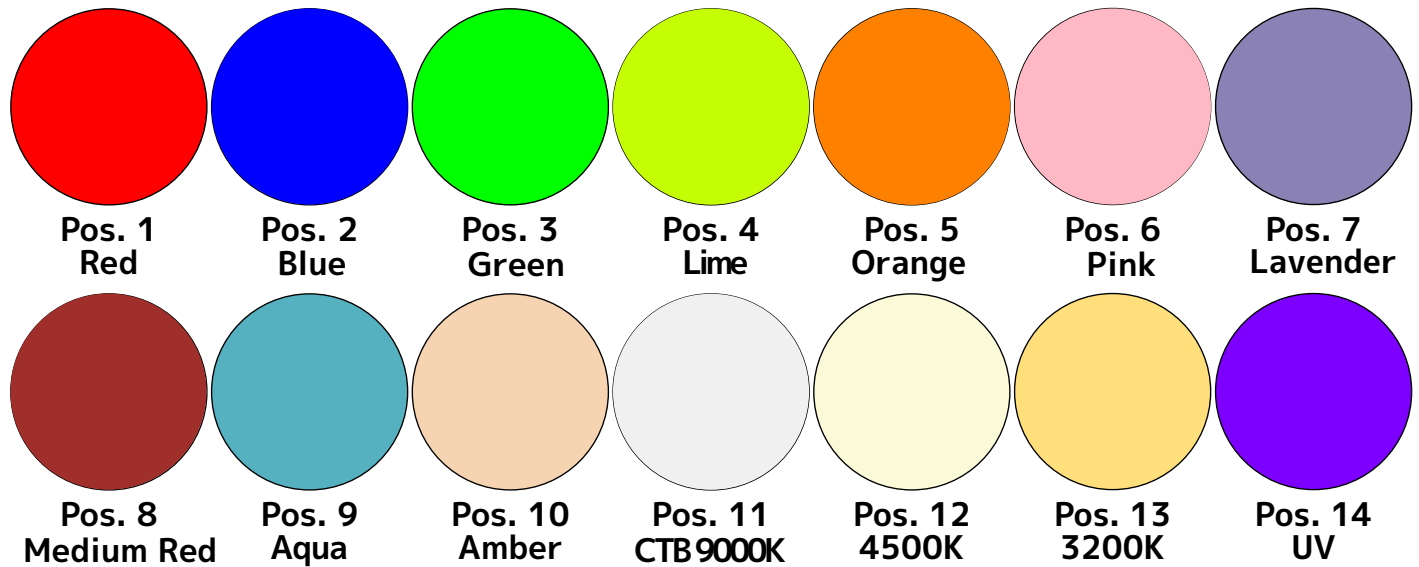
COLOR WHEEL: MULTI COLOR EFFECTS

Pos. 4
Blue

Pos. 5
Yellow

Pos. 3
Orange

Pos. 1
Red

Pos. 2
Green

GOBO WHEEL

Pos. 1

Pos. 2

Pos. 3

Pos. 4

Pos. 5

Pos. 6

Pos. 7

Pos. 8

Pos. 9

Pos. 10

Pos. 11

Pos. 12

Pos. 13

Pos. 14

Pos. 15

Pos. 16

Pos. 17

PAN-TILT LOCKS

Before removing lamp, place fixture on a stable flat surface in an INDOOR DUST FREE location. Ensure moving head is locked into a right angle position with both PAN and TILT locks engaged.
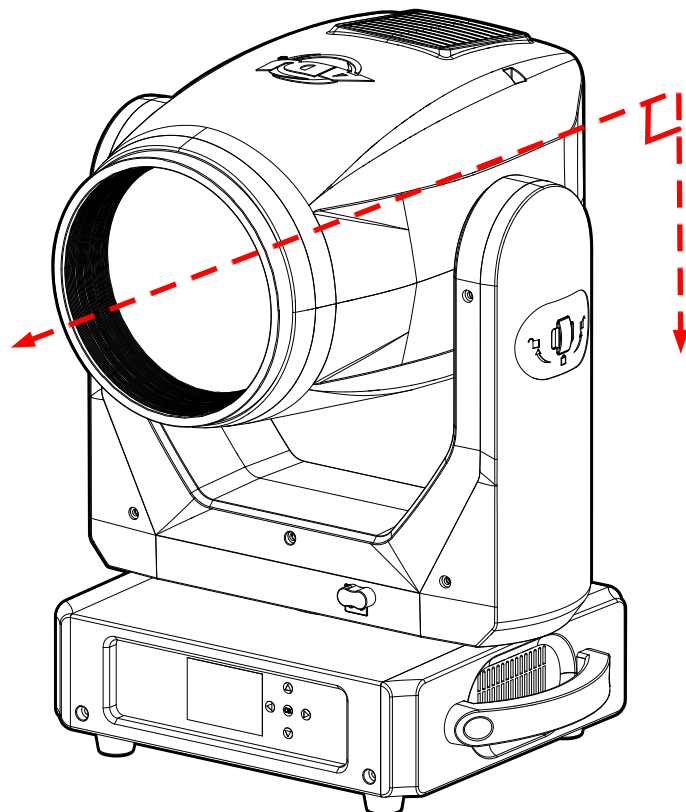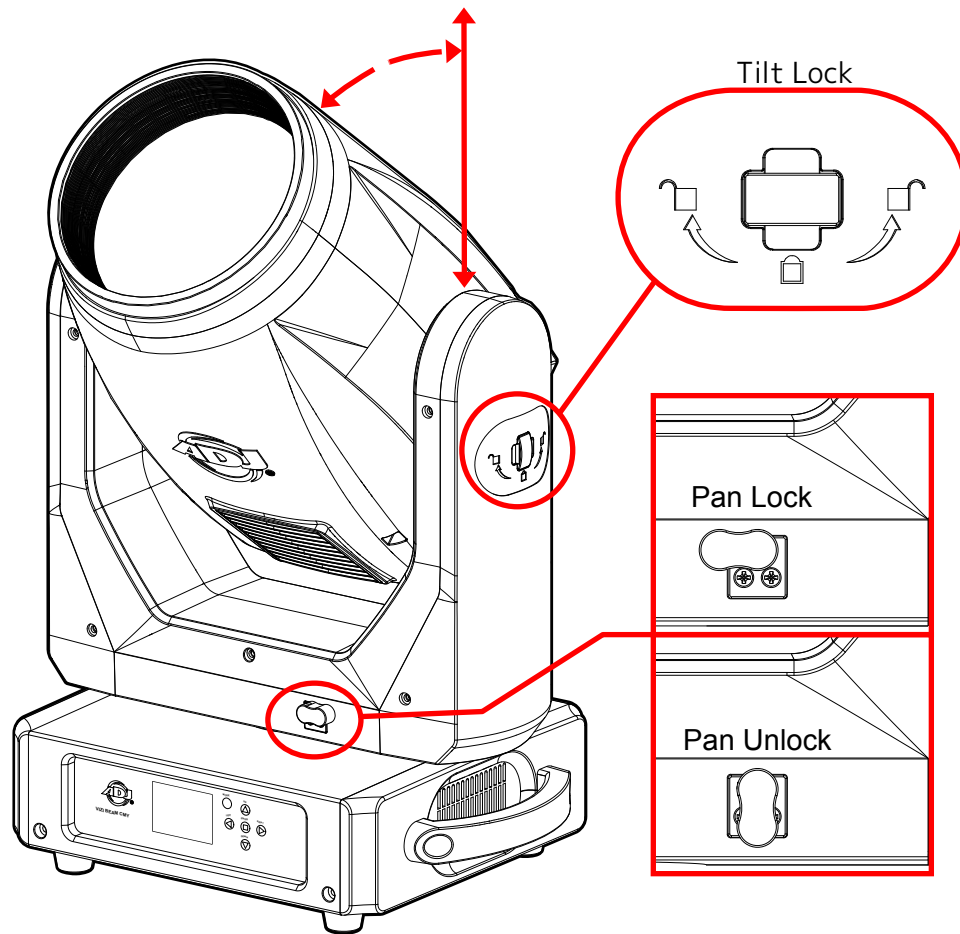
Tilt Lock

Pan Lock

Pan Unlock

LAMP REPLACEMENT

THE LIGHT SOURCE SHOULD ONLY BE REPLACED BY THE MANUFACTURER OR OTHER QUALIFIED SERVICE PERSONNEL! DO NOT PERFORM REPLACEMENT IF YOU ARE NOT QUALIFIED TO DO SO!

Caution: Always replace with the exact same type of lamp and fuse, unless otherwise specified by an authorized ADJ service technician. Replacing with anything other than the specified part can damage your unit and will void your manufacturer's warranty.

Warning: If you continue to blow lamps or fuses, STOP using the unit. Contact customer support for further instructions; you may have to return the unit for servicing. Continuing to use the unit may cause serious damage.

Lamp Replacement: Caution! Never attempt to change the lamp while the fixture is plugged in. Always disconnect the main power and allow the unit ample time to cool before attempting to replace the lamp. Please see page 8 for important information regarding the discharge lamp.

Remove the lamp panel screws located on the rear of the moving head and remove the panel. Loosen the lamp screws and carefully disconnect the lamp.
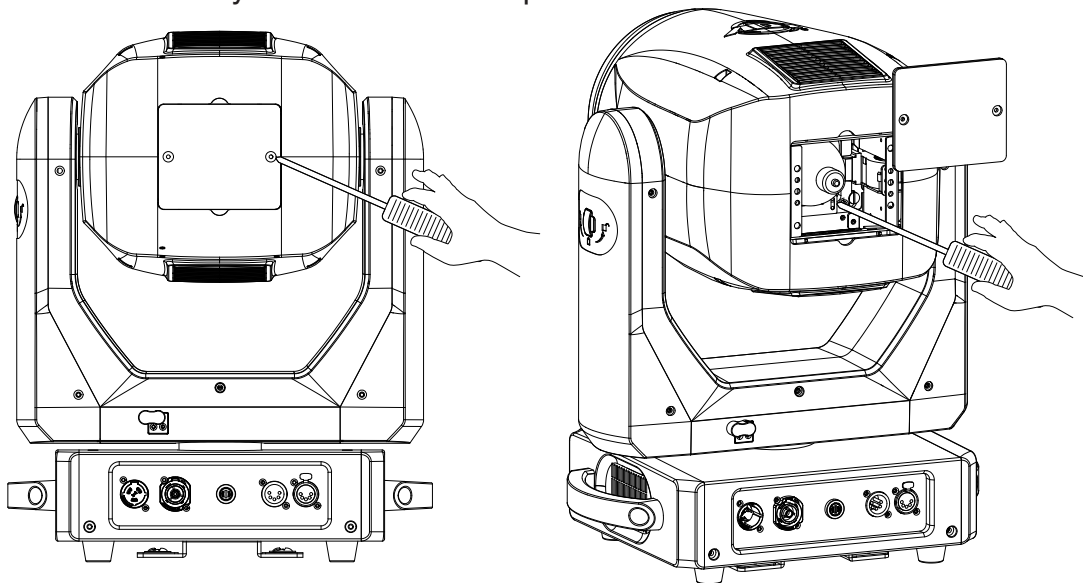
Lift lamp out of its recess and replace it with an OSRAM SIRIUS HRI® 310W PRO lamp. Reassemble in reverse order.
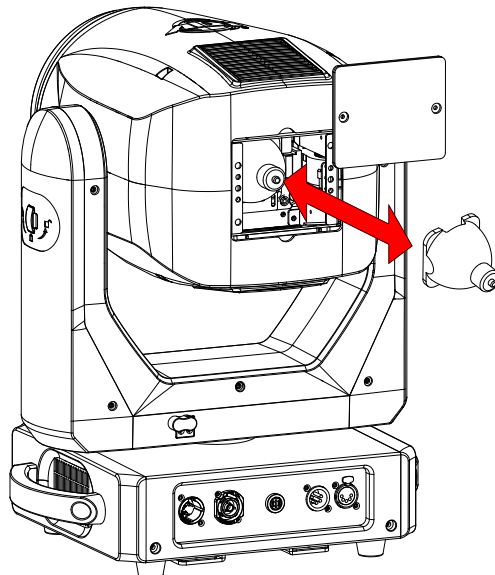
INSTALLATION GUIDELINES

⚠ **FLAMMABLE MATERIAL WARNING**
Keep the fixture a minimum of 1.6 feet (0.5m) away from flammable materials and/or pyrotechnics.

⚠ **ELECTRICAL CONNECTIONS**
A qualified electrician should handle 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 MAXIMUM POWER POUTPUT OF THIS FIXTURE. CHECK THE SILKSCREEN FOR MAXIMUM AMPS.**

⚠ **MINIMUM DISTANCE TO OBJECTS/SURFACES MUST BE 39.4 FEET (12 METERS). MINIMUM DISTANCE OF INFLAMMABLE MATERIALS FROM THE SURFACE 1.6 feet (0.5 meters).**
MAXIMUM TEMPERATURE OF EXTERNAL SURFACE 194°F (90°C).

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

The 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 on any metal truss/structure or placing the fixture(s) on any surface, consult with a professional equipment installer 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.

The fixture's ambient operating temperature range is **0° to 104°F (0° to 40°C)**. Do not use the fixture under or above this temperature.

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.

The fixture should be positioned so that prolonged starting into the fixture at a distance of 3.088m (10.1 feet) or less is not expected.

Due to the fact that the fixture emits UV light, power supply cables must be UV resistant or fitted with UV resistant protective equipment.

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

RIGGING

Overhead rigging requires extensive experience, including, among other things, 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 THE FIXTURE IN A SUSPENDED ENVIRONMENT!**

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.

Truss Clamp

Omega Bracket
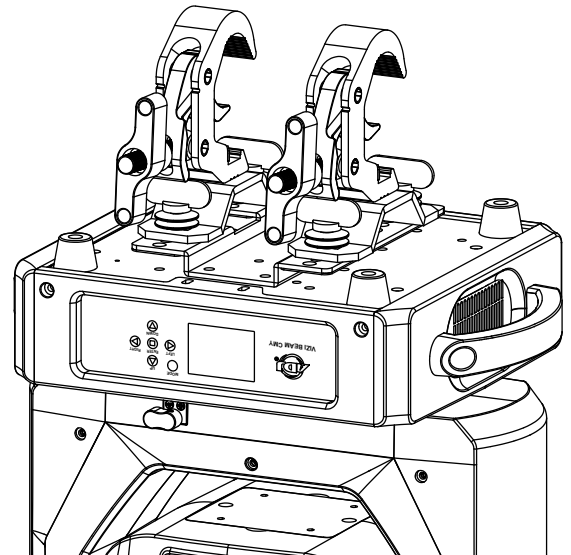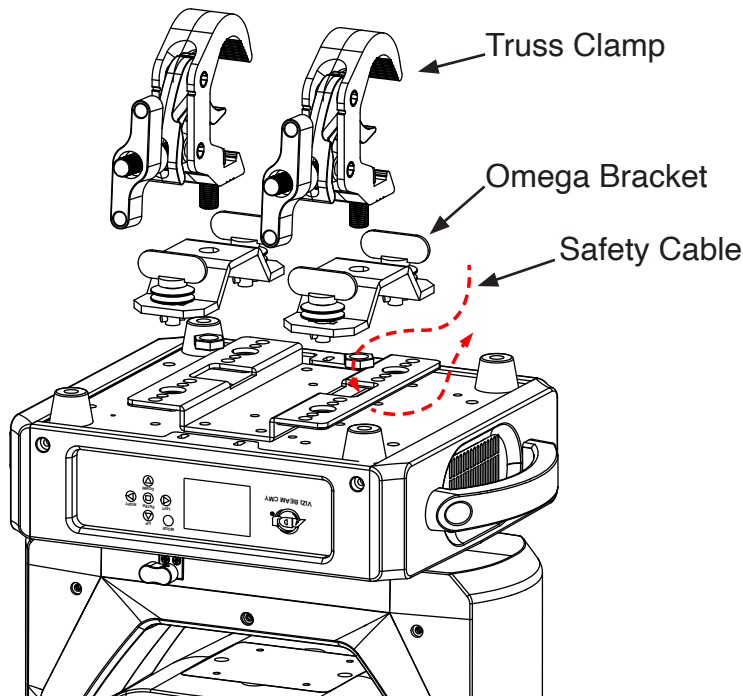
Safety Cable

SAFETY CABLE

ALWAYS ATTACH A SAFETY WHENEVER INSTALLING THIS FIXTURE IN A SUSPENDED ENVIRONMENT TO ENSURE THE FIXTURE WILL NOT FALL IF THE CLAMP FAILS. CLAMP INSTALLATION
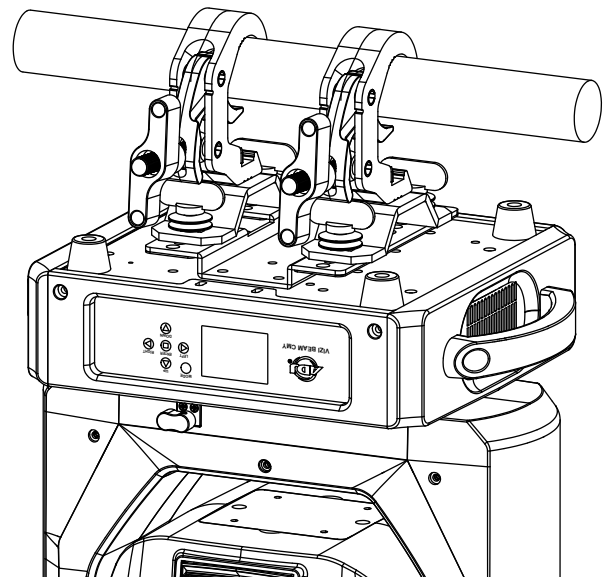
When mounting fixture to truss, be sure to secure an appropriately rated professional grade rigging clamp to the included **Omega Brackets** using an M10 screw fitted through the center hole of the **Omega Brackets**. The fixture provides built-in rigging points for a **SAFETY CABLE** (not included). 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.

INSTALLATION GUIDELINES

RIGGING

Overhead rigging requires extensive experience, including among 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.

This fixture is designed to be mounted vertically (hanging or upright), or horizontally (perpendicular to vertical axis) only.
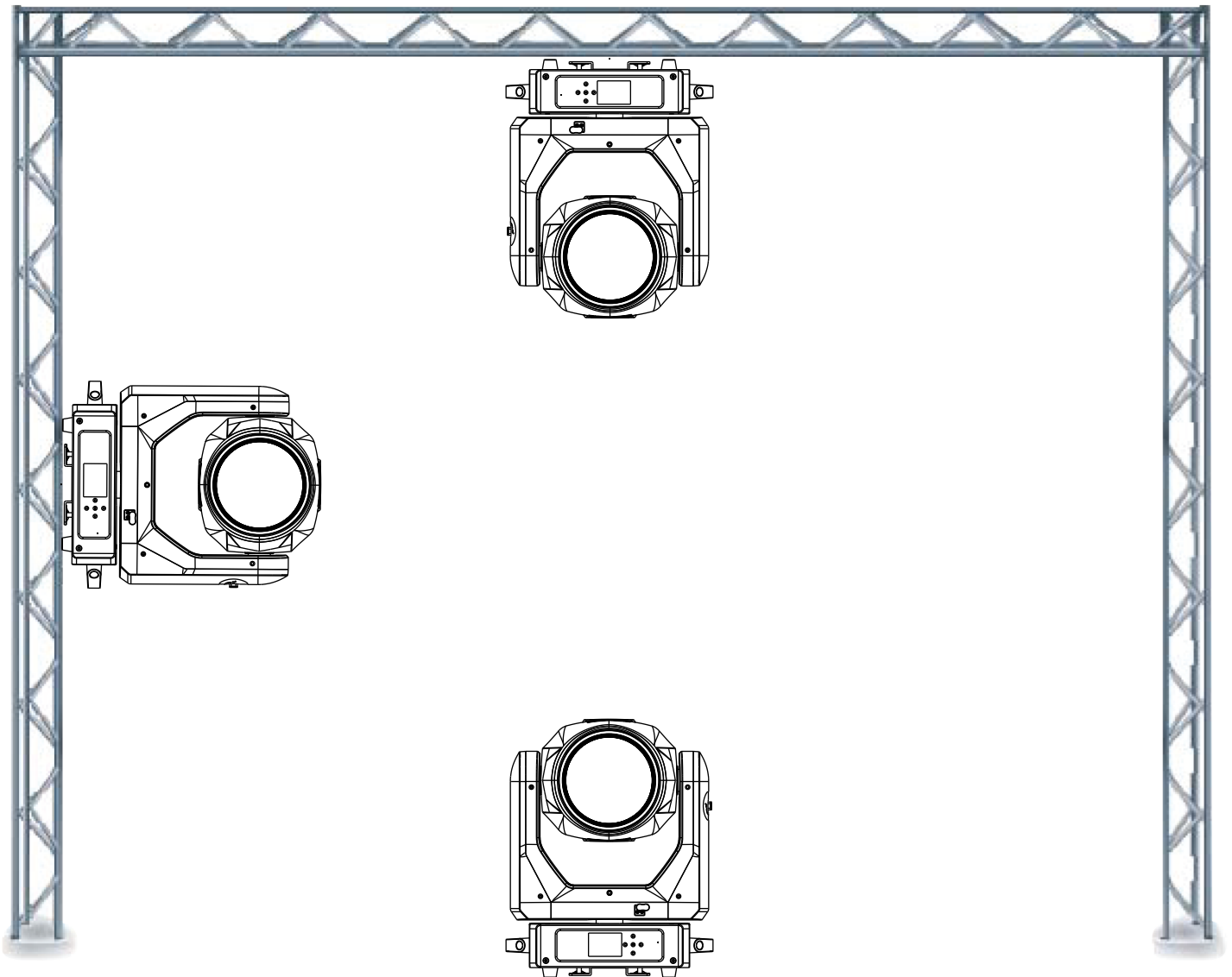
⚠ **FALLING FIXTURES CAN CAUSE SEVERE INJURY OR SERIOUS EQUIPMENT DAMAGE! FOR THIS REASON, FIXTURES SHOULD BE INSTALLED AND INSPECTED ONLY BY QUALIFIED PERSONNEL. DO NOT INSTALL THE UNIT IF YOU LACK THE QUALIFICATIONS TO DO SO, OR IF YOU HAVE DOUBTS ABOUT THE SAFETY AND SECURITY OF THE INSTALLATION SETUP OR LOCATION!**

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

INSTALLATION GUIDELINES

POTENTIAL INTERNAL FIXTURE DAMAGE FROM EXTERNAL SOURCES OF LIGHT BEAMS

External sources of light beams from direct sunlight, lighting and 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 of 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, but rather 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 reduce the risk of potential damage. Contact Elation Service for more details.

DO NOT EXPOSE THE FIXTURE AND/OR FRONT LENS OPENING TO LIGHT BEAMS FROM DIRECT SUNLIGHT, OTHER LIGHTING OR 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.
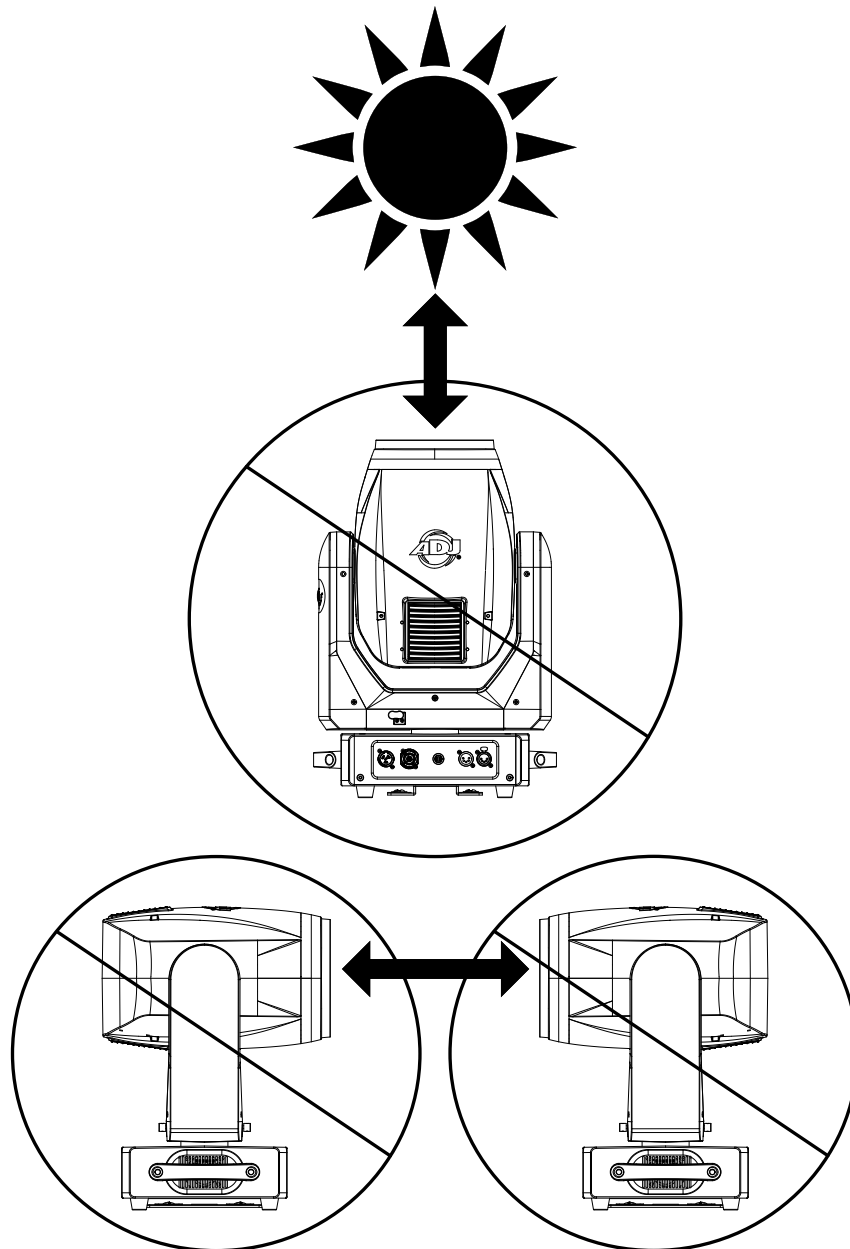
SYSTEM MENU

The Vizi Beam CMY features a display screen with a 6-button control pad, which can be used to easily adjust any device settings.

• The **MODE** button cycles through main menu options, or returns to the previous menu without making changes.
• The **ENTER** button is used to select the highlighted option, or to confirm a selection.
• The **UP**, **DOWN**, **LEFT**, and **RIGHT** buttons are used to navigate and adjust menu options and settings displayed on the screen.
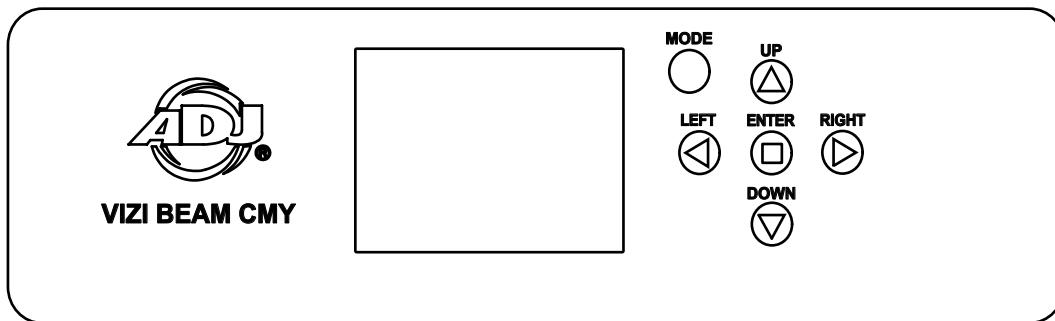
SYSTEM MENU

MAIN MENU	OPTIONS / VALUES (Default Settings in **BOLD**)			DESCRIPTION
DMX Settings	DMX Address	**001** - 512		Set starting DMX address.
	DMX CH Mode	20ch, **24ch**		Set the units desired DMX mode.
	NO DMX Status	**Hold Last**		Set behavior when DMX signal is not present. Hold is default setting and unit shall hold all last channel values received from the console when signal is lost.
		Blackout		Blackout takes all channels to zero (0) when signal is lost.
		Manual		Takes all channels to last manual channel settings when signal is lost.
Personality	Prim/Sec Mode	Primary / **Secondary**		
	Select Signal	**DMX** or Aria / Aria and DMX Out		Select signal input/output type
	Aria Settings	Frequency	**2.4Ghz.**	Select Aria frequency setting
			Sub Gig US	
			Sub Gig EU	
		2.4 Ghz. CH	**00**~15	Set channel for 2.4Ghz. signal.
		Sub Gig CH	**00**~09	Set channel for sub gig signal.
		Mesh	ON/**OFF**	Interconnects enabled units, and decentralized relayed data.
		Bluetooth	**ON**/OFF	Enable/disable Bluetooth.
	Status Settings	Pan Invert	ON / **OFF**	
		Tilt Invert	ON / **OFF**	
		P./T. Feedback	**ON** / OFF	
		P./T. Speed	**Speed 1**, Speed 2	
		Hibernation	**OFF**, 01M~99M, 15M	With DMX signal loss, unit goes into standby mode after set time. When set to OFF, unit never goes into hibernation mode. Unit has 01M to 99M options, so 01M, 02M, 03M… 99M (M=Minutes). 15M default.
	Reset Motors	Reset All Motors	YES / **NO**	
		Pan/Tilt Reset	YES / **NO**	
		Color Reset	YES / **NO**	
		Gobo Reset	YES / **NO**	
		Frost Reset	YES / **NO**	
		Prism Reset	YES / **NO**	
	Display	Intensity	1-**10**	
		Display Invert	**Auto** / YES / NO	
		Screen Saver Delay	**OFF** - 10 minutes	
	Service (Passcode=050)	Effect Adjust (Calibration)	Pan -127-127	Effects adjustments. Do not adjust effect settings when performing a factory reset at the same time.
			Tilt -127-127	
			Color -127-127	
			…	
			Focus -127-127	
		Color Adjust	Color1 -127-127	
			Color2 -127-127	
			…	
			Color15 -127-127	
		Factory Restore	**YES / NO**	Reset to factory default

SYSTEM MENU

MAIN MENU	OPTIONS / VALUES (Default Settings in **BOLD**)			DESCRIPTION
Manual Control	Pan	000-255		Manually set each parameter. These settings hold by default when no DMX signal is present.
	Pan Fine	000-255		
	Tilt	000-255		
	Tilt Fine	000-255		
	Cyan	000-255		
	Magenta	000-255		
	Yellow	000-255		
	Color	000-255		
	Color Macro	000-255		
	Multicolor Effect	000-255		
	Gobo	000-255		
	Prism1	000-255		
	Prism1 Rot	000-255		
		…		
	P./T.Speed	000-255		
	Special	000-255		
Lamp Control	Lamp On / Off	ON / **OFF**		Manual on / off control of lamp
	Lamp On with Power	ON / **OFF**		Power lamp on w/fixture power up
	Lamp On via DMX	**ON** / OFF		Allow lamp to switch on via DMX
	Lamp Off via DMX	**ON** / OFF		Allow lamp to switch off via DMX
	Lamp Mode	**Standard**		Operates at 310W & provides 3K hours lamp life.
		ECO		Operates at 260W & provides expected 4K hr. lamp life
Information	Fixture Life Time	Power On Time	xxxxxx Hours	Total lifetime hours fixture on
		P-On Time-R	xxxxxx Hours	hours powered since last reset
		P-On Time Reset	Passcode = 050	Reset P-On Time-R hours
	Total Lamp Time	Lamp On Time	xxxxxx Hours	Total lifetime hours lamp on
		Lamp On Time-R	xxxxxx Hours	Hours lamp on since last reset
		Lamp On Time Reset	Passcode = 050	Reset Lamp On Time-R hours
	Fixture Temperatures	Head	Current xxx F / xxx C	Display current head temp.
			Max Resettable xxx F / xxx C	Max recorded head temp. since last reset
			Max Not Resettable xxx F / xxx C	Max all time recorded head temp,
		Base	Current xxx F / xxx C	Displays current base temperature
			Max Resettable xxx F / xxx C	Displays max recorded base temperature since last reset
			Max Not Resettable xxx F / xxx C	Displays max all time recorded base temperature
		Reset Head Temp	Passcode = 050	Reset head temperature
		Reset Base Temp	Passcode = 050	Reset base temperature
	Fan Info (RPM)	Base Fan	xxxx	Display current speed in RPM of selected fan
		Lamp Fan	xxxx	
		Head Fan 1	xxxx	
		Head Fan 2	xxxx	
		Head Fan 3	xxxx	
		Head Fan 4	xxxx	
	DMX Values	Pan, Tilt, ...		DMX value of selected parameter
	Error Logs	Fixture Errors	Error 1, Error 2, ...	List errors one by one
		Reset Error Log	Passcode = 050	Clear error log
	Software Version	x.xx		Display current software version
	Aria ID	xx:xx:xx:xx:xx:xx		

SYSTEM MENU

DMX Settings
Select **DMX Settings**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **DMX Address**, **DMX CH Mode**, or **No DMX Status**.

DMX Address — DMX512 address setting
Select **DMX Address**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to adjust address from **001** to **512**, and press **ENTER** button to store.

DMX CH Mode — channel mode
Select DMX CH Mode, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select 20ch or 24ch, and press ENTER button to store.

No DMX Status — fixture state while DMX single stops
Select **No DMX Status**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **Hold Last** (If DMX signal stops, fixture continues to obey the last command it received Via DMX), **Blackout** (fixture blacks-out if DMX signal stops), or **Manual** (If DMX signal stops, fixture returns all channels to the last setting entered manually), and press **ENTER** button to store.

In the **Blackout / Hold Last** state, and with no DMX signal, the unit will remain in the final state for 15M before reverting to static mode. At this time, the lamp and motors will turn-off. When the DMX signal is reconnected, the unit will automatically activate and reset.

Personality
Select Personality, and press **ENTER** button to confirm, use **UP/DOWN** buttons to select **Prim/Sec Mode, Select Signal, Aria Settings**, **Status Settings**, **Reset Motors**, **Display**, or **Service**.

Prim/Sec Mode
Configure unit as either a primary or secondary unit.

Select Signal
Select signal input/output type.

Aria Settings
Enable/disable Aria, and set various parameters related to Aria operation.

Status Settings
Select Status Settings, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **Pan Invert**, **Tilt Invert**, **P./T. Feedback**, **Pan Degree**, **P./T. Speed** or **Hibernation**, and press **ENTER** button to store.

Pan Invert
Select **Pan Invert**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **OFF** (pan invert) or **ON** (normal), and press **ENTER** button to store.

Tilt Invert
Select **Tilt Invert**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **OFF** (tilt invert) or **ON** (normal), and press **ENTER** button to store.

P./T. Feedback
Select **P./T. Feedback**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **OFF** or **ON**, and press **ENTER** button to store.

P./T. Speed
Select **P./T. Speed**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **Speed 1**, **Speed 2**, or **Speed 3**, and press **ENTER** button to store.

Hibernation
Select **Hibernation**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **OFF** (unit never go into hibernation mode) or **01M~99M** (Hibernation mode), and press **ENTER** button to store.

SYSTEM MENU

Reset Motors
Select **Reset Motors**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **Reset All Motors**, **Pan/Tilt Reset**, **Color Reset**, **Gobo Reset**, **Prism/R-P Reset**, **Shutter Reset**, or **Frost Reset**, and press **ENTER** button to store.

Reset All Motors
Select **Reset All Motors**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **No** or **Yes**, and press **ENTER** button to store. **Pan/Tilt Reset**
Select **Pan/Tilt Reset**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **No** or **Yes**, and press **ENTER** button to store.

Personality (continued)

Color Reset
Select **Color Reset**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **No** or **Yes**, and press **ENTER** button to store.

Gobo Reset
Select **Gobo Reset**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **No** or **Yes**, and press **ENTER** button to store.

Frost Reset
Select **Frost Reset**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **No** or **Yes**, and press **ENTER** button to store.

Prism Reset
Select **Prism/P-R Reset**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **No** or **Yes**, and press **ENTER** button to store.

Display
Select **Display**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **Intensity**, **Display Invert**, **Screen Saver Delay**, or **Display Lock ON/OFF**, and press **ENTER** button to store.

Intensity
Select **Intensity**, and press **ENTER** button to confirm. Current mode will blink on the display, Use **UP/ DOWN** buttons to adjust backlight intensity from **001** (dark) to **010** (bright), and press **ENTER** button to store.

Display Invert
Select **Display Invert**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **OFF**, **ON**, or **Auto,** and press **ENTER** button to store.

Screen Saver Delay
Select **Screen Saver Delay**, and press **ENTER** button to confirm. Current mode will blink on the display. Use **UP/DOWN** buttons to adjust backlight intensity from **OFF** or **01M** to **10M**, and press **ENTER** button to store.

Display Lock ON/OFF
Select **Display Lock ON/OFF**, and press **ENTER** button to confirm. Current mode will blink on the display. Use **UP/DOWN** buttons to select **OFF** or **ON**, and press **ENTER** button to store.

Service
Select **Service**, and press **ENTER** button to confirm. Current mode will show on the display, Use **UP/DOWN** button to select **050**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **Calibration**, **Color Adjust**, or **Factory Restore**.

When selecting **Calibration**, use **UP/DOWN** buttons to select each parameter**,** then use **UP** and **DOWN** button to adjust value.

When selecting **Color Adjust**, Use **UP/DOWN** buttons to select each color option**,** then use **UP** and **DOWN** button to adjust value.

When selecting **Factory Restore**, use **UP/DOWN** buttons to select **NO** or **YES**.

SYSTEM MENU

Manual Control
Select **Manual Control**, and press **ENTER** button to confirm. Current channel will show on the display. Use **UP/DOWN** button to select from the list of adjustable parameters, press **ENTER** button to confirm, then Use **UP/DOWN** button to adjust value **000** to **255**, press **ENTER** button to store, and the fixture will run as the channel value indicates. Press **MENU** button back to the last menu, or exit menu mode idling one minute. (All channels value will become 0 after exiting Manual Test menu)

Lamp Control
Control various lamp control setting, including the manual lamp switch, whether the light turns on automatically when the fixture powers on, and whether the lamp can be switched on or off via DMX control.

Information
Select **Information**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **Fixture Life Time**, **Total Lamp Time**, **Fixture Temps**, **Fan Info.(RPM)**, **DMX Values**, **Error Logs**, or **Software Version**.

   Fixture Life Time
   Select **Fixture Life Time**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **Power On Time**, **P-On Time-R**, or **P-On Time Reset**, and press **ENTER** button to store.

   Total Lamp Time
   Select **Total Lamp Time**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **Lamp On Time**, **Lamp On Time-R**, or **Lamp On Time Reset**, and press **ENTER** button to store.

   Fixture Temps
   Select **Fixture Temps**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **Head**, **Base**, **Reset Head Temp**, or **Reset Base Temp** and press **ENTER** button to store.

   Fan Info.(RPM)
   Select **Fan Info.(RPM)**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **from the list of available fan units** and press **ENTER** button to view the current fan speed.

   DMX Values
   Select **DMX Values**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select from the list of available parameters, and press **ENTER** button to view the current value.

   Error Logs
   Select **Error Logs**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **Fixture Error**s, or **Reset Error Log**, and press **ENTER** button to store.

   Software Version
   Select **Software Version**, and press **ENTER** button to confirm. **Software Version** will show on the display. Press **MENU** button to exit.

   Lamp Control
   Select **Lamp Control**, and press **ENTER** button to confirm. Use **UP/DOWN** buttons to select **Lamp ON/ OFF**, **Lamp On with Power**, **Lamp On via DMX**, or **Lamp Off via DMX**, and press **ENTER** button to store.

DMX SETUP

Power Supply: The ADJ Vizi Beam CMY incorporates an electronic ballast, which automatically senses the voltage when it is plugged into the power source. With the electronic ballast, this unit can be plugged in anywhere.
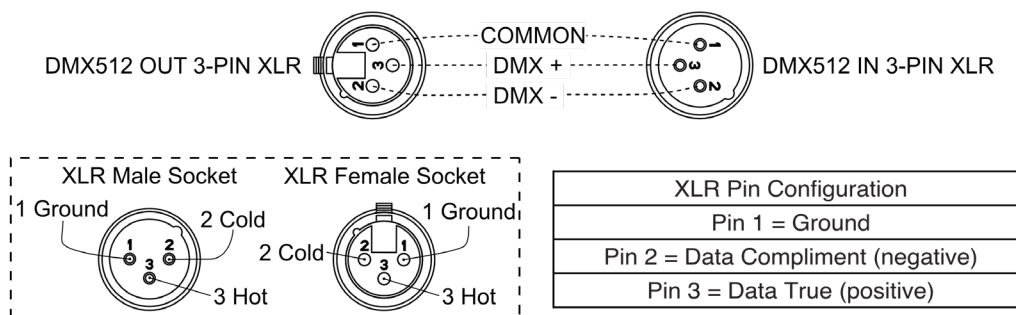
DMX-512: DMX stands for Digital Multiplex. This is a universal protocol used by most lighting and controller manufacturers as a form of communication between intelligent fixtures and controllers. A DMX controller sends DMX data instructions from the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture via the DATA "IN" and DATA "OUT" XLR terminals found on all DMX fixtures (most controllers only have a DATA "OUT" terminal).

DMX Linking: DMX serves as a language that allows all makes and models from different manufacturers to be linked and operated from a single controller if all fixtures and the controller are DMX compliant. To ensure proper DMX data transmission when using several DMX fixtures, use the shortest cable path possible. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example, a fixture assigned a DMX address of 1 may be placed anywhere in a DMX line—at the beginning, at the end, or anywhere in the middle. Therefore, the first fixture controlled by the controller could be the last fixture in the chain. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is in the DMX chain.

Data Cable (DMX Cable) Requirements (For DMX and Primary/Secondary Operation): The Vizi Beam CMY can be controlled via DMX-512 protocol. It can be either a 10, 12, or 16-channel DMX unit. The DMX address is electronically set using the controls on the front panel of the unit. One's unit and DMX controller require an approved DMX-512 110 Ohm Data cable for data input and data output (Figure 1). Accu-Cable DMX cables are recommended. If one is making their own cables, be sure to use standard 110-120 Ohm shielded cable (This cable may be purchased at almost all professional sound and lighting stores). Cables should be made with a male and female XLR connector on either end of the cable. Also, remember that DMX cable must be daisy-chained and cannot be split.

Notice: Be sure to follow figures two and three when making one's own cables. Do not use the ground lug on the XLR connector. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to contact the XLR's outer casing. Grounding the shield could cause a short circuit and erratic behavior.

XLR Pin Configuration
Pin 1 = Ground
Pin 2 = Data Compliment (negative)
Pin 3 = Data True (positive)

DMX SETUP

Power Supply: The ADJ Vizi Beam CMY incorporates an electronic ballast, which automatically

Special Note: Line Termination: When using longer runs of cable, one may need to use a terminator on the last unit to avoid erratic behavior. A terminator is a 110-120 ohm 1/4-watt resistor, which connects between pins 2 and 3 of a male XLR connector (DATA + and DATA -). Insert this unit into the female XLR connector of the last unit in one's daisy chain to terminate the line. Using a cable terminator (ADJ part number Z-DMX/T) will decrease the possibilities of erratic behavior.

A DMX512 terminator reduces signal errors, avoiding most signal reflection interference. Connect PIN 2 (DMX-) and PIN 3 (DMX+) of the last fixture in series with a 120 Ohm, 1/4 W Resistor to terminate the DMX512.

5-Pin XLR DMX Connectors: Some manufacturers use 5-pin DMX-512 data cables for DATA transmission instead of 3-pin. 5-pin DMX fixtures may be implemented in a 3-pin DMX line. When inserting standard 5-pin data cables into a 3-pin line, use a cable adaptor, readily available at most electric stores. The chart below details a proper cable conversion.

DMX512 OUT 3-PIN XLR ··· COMMON ··· DMX + ··· DMX - ··· NOT USED ··· NOT USED ··· DMX512 IN 5-PIN XLR

3-Pin XLR to 5-Pin XLR Conversion		
Ground/Shield	Pin 1	Pin 1
Data Compliment (- signal)	Pin 2	Pin 2
Data True (+ signal)	Pin 3	Pin 3
Not Used		Do Not Use
Not Used		Do Not Use

DMX TRAITS

CHANNEL		DMX VALUE	FUNCTION
20CH	24CH		
1	1	000-255	**Pan**
	2	000-255	**Pan Fine**
2	3	000-255	**Tilt**
	4	000-255	**Tilt Fine**
3	5	000-255	**Cyan** 0 -100%
4	6	000-255	**Magenta** 0 - 100%
5	7	000-255	**Yellow** 0 - 100%
6	8		**Color**
		000-003	White
		004-007	Red
		008-011	Blue
		012-015	Green
		016-019	Lime
		020-023	Orange
		024-027	Pink
		028-031	Lavendar
		032-035	Medium Red
		036-039	Aqua
		040-043	Amber
		044-047	CTB 9000k
		048-051	4500K
		052-055	CTO 3200k
		056-059	UV
		060-061	White
		062-063	White to Red
		064-065	Red
		066-067	Red to Blue
		068-069	Blue
		070-071	Blue to Green
		072-073	Green
		074-075	Green to Lime
		076-077	Lime
		078-079	Lime to Orange
		080-081	Orange
		082-083	Orange to Pink
		084-085	Pink
		086-087	Pink to Lavendar
		088-089	Lavendar
		090-091	Lavendar to Medium Red
		092-093	Medium Red
		094-095	Medium Red to Aqua
		096-097	Aqua
		098-099	Aqua to Amber
		100-101	Amber
		102-103	Amber to CTB 9000k
		104-106	CTB 9000k
		107-109	CTB 9000k to 4500k
		110-112	4500k
		113-115	4500k to CTO 3200k
		116-118	CTO 3200k
		119-121	CTO 3200k to UV
		122-124	UV
		125-127	UV to White
		128-189	Clockwise Rotation Fast to Slow
		190-193	Stop
		194-255	Counter-Clockwise Rotation Slow to Fast

DMX TRAITS

CHANNEL		DMX VALUE	FUNCTION
20CH	24CH		
			Color Macros - CMY and Color Wheel
		000-031	OFF
		032-039	Macro1
		040-047	Macro2
		048-055	Macro3
		056-063	Macro4
		064-071	Macro5
		072-079	Macro6
		080-087	Macro7
		088-095	Macro8
		096-103	Macro9
		104-111	Macro10
		112-119	Macro11
		120-127	Macro12
		128-135	Macro13
7	9	136-143	Macro14
		144-151	Macro15
		152-159	Macro16
		160-167	Macro17
		168-175	Macro18
		176-183	Macro19
		184-191	Macro20
		192-199	Macro21
		200-207	Macro22
		208-215	Macro23
		216-223	Macro24
		224-231	Macro25
		232-239	Macro26
		240-247	Macro27
		248-255	Random CMY
			Multicolor Effect
8	10	000-007	Close
		008-255	Open

DMX TRAITS

CHANNEL		DMX VALUE	FUNCTION
20CH	**24CH**		
			Static Gobo
		000-002	Open
		003-005	Gobo1
		006-008	Gobo2
		009-011	Gobo3
		012-014	Gobo4
		015-017	Gobo5
		018-020	Gobo6
		021-023	Gobo7
		024-026	Gobo8
		027-029	Gobo9
		030-032	Gobo10
		033-035	Gobo11
		036-038	Gobo12
		039-041	Gobo13
		042-044	Gobo14
		045-047	Gobo15
		048-050	Gobo16
		051-055	Gobo17
9	11	056-059	Open Shaking Slow to Fast
		060-063	Gobo1 Shaking Slow to Fast
		064-067	Gobo2 Shaking Slow to Fast
		068-071	Gobo3 Shaking Slow to Fast
		072-075	Gobo4 Shaking Slow to Fast
		076-079	Gobo5 Shaking Slow to Fast
		080-083	Gobo6 Shaking Slow to Fast
		084-087	Gobo7 Shaking Slow to Fast
		088-091	Gobo8 Shaking Slow to Fast
		092-095	Gobo9 Shaking Slow to Fast
		096-099	Gobo10 Shaking Slow to Fast
		100-103	Gobo11 Shaking Slow to Fast
		104-107	Gobo12 Shaking Slow to Fast
		108-111	Gobo13 Shaking Slow to Fast
		112-115	Gobo14 Shaking Slow to Fast
		116-119	Gobo15 Shaking Slow to Fast
		120-123	Gobo16 Shaking Slow to Fast
		124-127	Gobo17 Shaking Slow to Fast
		128-189	Clockwise Rotation Fast to Slow
		190-193	Stop
		194-255	Counter-Clockwise Rotation Slow to Fast
			Prism1
10	12	000-007	Close
		008-255	Open
			Prism1 Rotation
		000-127	0% ~ 100%
11	13	128-189	Clockwise Rotation Fast to Slow
		190-193	Stop
		194-255	Counter-Clockwise Rotation Slow to Fast

DMX TRAITS

CHANNEL		DMX VALUE	FUNCTION
20CH	24CH		
12	14		**Prism2**
		000-007	Close
		008-255	Open
13	15		**Prism2 Rotation**
		000-127	0% ~ 100%
		128-189	Clockwise Rotation Fast to Slow
		190-193	Stop
		194-255	Counter-Clockwise Rotation Slow to Fast
14	16		**Shutter**
		000-031	Close
		032-063	Open
		064-095	Strobe from Slow to Fast
		096-127	Open
		128-159	Pulse Effect in sequence
		160-191	Open
		192-223	Random Strobe Slow to Fast
		224-255	Open
15	17	000-255	**Dimmer** 0 - 100%
	18	000-255	**Dimmer Fine** 0 - 100%
16	19	000-255	**Focus** 0 - 100%
	20	000-255	**Focus Fine** 0 - 100%
17	21		**Frost**
		000-015	Off
		016-255	On
18	22	000-255	**CMY Speed** Fast to Slow
19	23	000-255	**Pan/Tilt Speed** Fast to Slow
20	24		**Special**
		000-019	Null
		020-029	Enable color wheel indexing*
		030-039	Disable color wheel indexing*
		040-059	Enable frost indexing**
		060-069	Disable frost indexing**
		070-079	Enable blackout while Pan/Tilt moving
		080-089	Disable blackout while Pan/Tilt moving
		090-099	Enable blackout while color changing
		100-109	Disable blackout while color changing
		110-119	Enable blackout while gobo changing
		120-129	Disable blackout while gobo changing
		130-139	Lamp On
		140-149	Reset XY
		150-159	Reset Effect
		160-169	Reset Color (Color Wheel and CMY)
		170-199	No Function
		200-209	Reset All
		210-229	No Function
		230-239	Reset All
		240-255	No Function

*   When color wheel indexing is enabled, the color wheel shall move in increments of 1 so the user can set their desired color split between DMX values 1and 255.

**   When frost indexing is enabled, the frost filter shall move in increments of 1 so the user can get more of a linear frost effect between DMX values 16 and 255.

ERROR CODES

When power is applied, the unit will automatically enter a "**reset/test**" mode. This mode brings all the internal motors to home position. If there is an internal problem with one or more of the motors, an error code will flash in the display in the form of "**XXer**", where "**XX**" represents a function number. For example, when the display shows "**03Er**," it means there is an error with the channel 3 motor. If there are multiple errors during the start-up process, they will all flash in the display. For example: if the fixture has errors on channel 1 and channel 3 at the same time, an error message, "**01Er**", and "**03Er** ", flashes 5 times.

ERROR GROUP	ERROR CODE	DESCRIPTION
Error Codes subject to change without notice		
Encoder Error	Pan Encoder Error	Encoder Error: Pan
	Tilt Encoder Error	Encode Error: Tilt
Sensor Error	Pan Sensor Error	Sensor Error: Pan
	Tilt Sensor Error	Sensor Error: Tilt
	Cyan Sensor Error	Sensor Error: Cyan
	Magenta Sensor Error	Sensor Error: Magenta
	Yellow Sensor Error	Sensor Error: Yellow
	Color Sensor Error	Sensor Error: Color
	Gobo Sensor Error	Sensor Error: Gobo
	Prism1 Sensor Error	Sensor Error: Prism1
	Prism2 Sensor Error	Sensor Error: Prism2
	Prism2 Rot Sensor Error	Sensor Error: Prism2 Rot
	Focus Sensor Error	Sensor Error: Focus
Communication Error	CPU-B Error	Lost Connection: PAN/TILT
	CPU-C Error	Lost Connection: Effects
	CPU-D Error	Lost Connection: COLOR
	CPU-E Error	Lost Connection: FAN
Fan Error	B-Fan1 Error	Fan Error: B-Fan1
	B-Fan2 Error	Fan Error: B-Fan2
	H-Fan1 Error	Fan Error: H-Fan1
	H-Fan2 Error	Fan Error: H-Fan2
	H-Fan3 Error	Fan Error: H-Fan3
	H-Fan4 Error	Fan Error: H-Fan4
Lamp Error	Lamp Communication Error	Lamp Error: Communication
	Lamp Temperature Error	Lamp Error: Temperature shut down
	Lamp Short Circuit Error	Lamp Error: Short circuit in output detected
	Lamp Life Error	Lamp Error: End of lamp life detected
	Lamp Ignite Error	Lamp Error: Lamp did not ignite
	Lamp Extinguish Normal	Lamp Error: Lamp extinguished during normal operation
	Lamp Extinguish Run-up	Lamp Error: Lamp extinguished during run-up phase
	Lamp UART Buffer Error	Lamp Error: UART buffer overflow
	Lamp Current Error	Lamp Error: Lamp current calculation error
	Lamp Config Error	Lamp Error: Corrupted software configuration
	Lamp Under Voltage Error	Lamp Error: Lamp voltage too low

REMOTE DEVICE MANAGEMENT (RDM)

NOTE: for RDM to work properly, RDM enabled equipment must be used throughout the entire system, including DMX data splitters and wireless systems.

Remote Device Management (RDM) is a protocol that sits on top of the DMX512 data standard for lighting, allowing the DMX systems of the fixtures to be modified and monitored remotely. This protocol is ideal for instances in which a unit is installed in a location that is not easily accessible.

With RDM, the DMX512 system becomes bi-directional, allowing a compatible RDM enabled controller to send out a signal to devices on the wire, as well as allowing the fixture to respond (known as a GET command). The controller can then use its SET command to modify settings that would typically have to be changed or viewed directly via the unit's display screen, including the DMX Address, DMX Channel Mode, and Temperature Sensors.

FIXTURE RDM INFORMATION:

RDM Code	Device ID	Device Model ID	Personality ID
0x1900	Generated by MCU ID	0x0102	20CH(1) 24CH(2)"

Please be aware that not all RDM devices support all RDM features, and therefore it is important to check beforehand to ensure that the equipment that you are considering includes all of the features that you require.

The following parameters are accessible in RDM on this device:

Parameter ID	Code
DISC_UNIQUE_BRANCH	0x0001
DISC_MUTE	0x0002
DISC_UN_MUTE	0x0003
SUPPORTED_PARAMETERS	0x0050
PARAMETER_DESCRIPTION	0x0051
DEVICE_INFO	0x0060
SOFTWARE_VERSION_LABEL	0x00C0
DMX_START_ADDRESS	0x00F0
IDENTIFY_DEVICE	0x1000
DEVICE_MODEL_DESCRIPTION	0x0080
MANUFACT_LABEL	0x0081
DEVICE_LABEL	0x0082
DMX_PERSONALITY	0x00E0
DMX_PERSONALITY_DESCRIPTION	0x00E1
DEVICE_HOURS	0x0400
LAMP_HOURS	0x0401
LAMP_STRIKES	0x0402
PAN_INVERT	0x0600
TILT_INVERT	0x0601
PAN_TILT_SWAP	0x0602

MAINTENANCE GUIDELINES

DISCONNECT POWER BEFORE PERFORMING ANY MAINTENANCE!

FUZE REPLACEMENT
Locate and remove the unit's power cord. Once the cord has been removed, locat the fuse holder inside the power socket. Insert a flat-head screw driver into the power socket, and gently pry out the fuse holder. Remove the bad fuse, and replace with a new one. The fuse holder has a built-in socket for a spare fuse be sure not to confuse the spare fuse with active fuse.

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 the external lens surface 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 ADJ service technician. Should you need any spare parts, please order genuine parts from your local ADJ 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 in order to 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 or liquids to enter into the fixture. Damaged rigging points or unsecured rigging could cause 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.

SPECIFICATIONS

Light Source:

OSRAM Sirius HRI 310W PRO Discharge Lamp (6,000 hr.)

Color temperature: 7850K (+/- 500K)

CRI: 86 (+/- 5)

Features:

CMY Color Mixing

On-Board Wireless DMX

Motorized Focus + 16-bit fine focus

2-degree beam angle

Frost Filter to create wash effect

High quality glass lens

2 Rotating prisms

0-100% smooth dimming

Pan/Tilt locks

Various strobe speeds

OTA, wireless, firmware updates

Fan cooled

Color Wheel:

14 dichroic colors + white (Includes CTO (3200K), CTB (9000k) & UV)

Indexable color wheel for split colors

Separate Multi-Color Effect

GOBO Wheel:

17 static GOBOs + open (4 GOBOs are beam reducers)

GOBO Shake Effect

Prism Wheels:

2 Rotating prisms

16 facet circular and 6 facet linear prisms

Prisms Overlay

Control:

Protocols: DMX512 & RDM

Control Mode: DMX512 & Manual (On-board Controls)

2 DMX Channel Modes: 20/24 Channels

Aria X2 Wireless Management / DMX System

Color LCD display with 4-button function menu

0-100% smooth dimming

Various strobe speeds

With Wired Digital Communication Network

Pan/Tilt:

Pan: 540 degrees (plus 16-bit fine pan)

Tilt: 270 degrees (plus 16-bit fine tilt)

3 Phase, High Speed, Pan/Tilt motors

Connections:

DMX Connections: 5-pin DMX In/Out (Data link max: 32 fixtures)

Power Connections: Outdoor locking In/Out connections to daisy chain power

Electrical:

Multi-voltage operation: 100-240V, 50/60Hz

Max power consumption: 410W (@120V), 390W (@230V)

Fuse Protected: 6.5A

Dimensions & Weight:

Dimension: 9.8" (L) x 14.3" (W) x 21.1" (H) / 248 x 364 x 536mm

Weight: 41.2 lbs. / 18.7 kg.

Approvals / Ratings

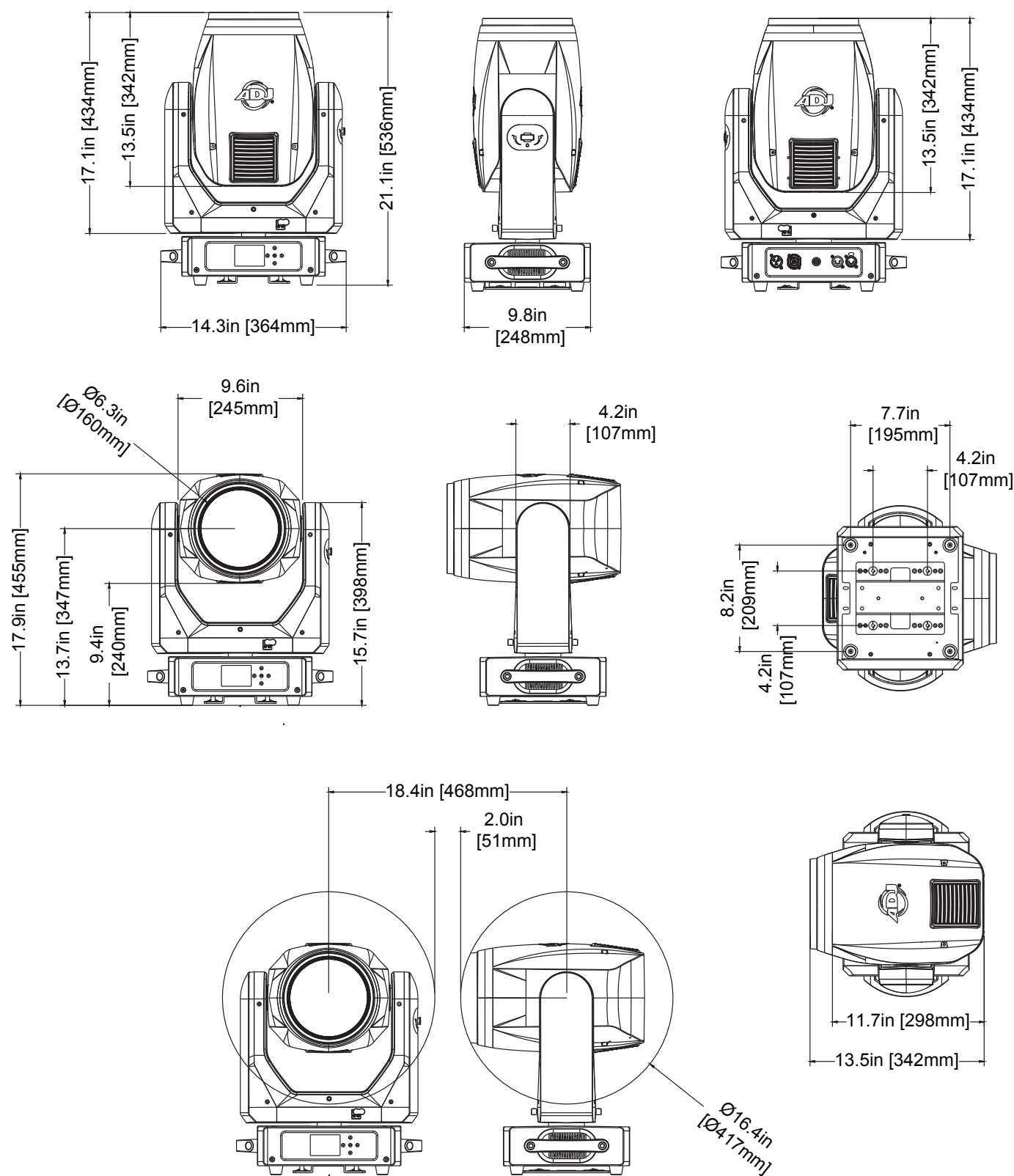CE, cETLus (Control # 5028947), FCC

Included:

2x Omega Brackets (107 Type)

2M, outdoor locking 14AWG power cord

Specifications and documentation subject to change without notice.

DIMENSION DRAWINGS

Drawings not to scale

OPTIONAL ACCESSORIES

ORDER CODE		ITEM
US	EU	
VIZ315	1237000338	ADJ Vizi Beam CMY
TRIGGER CLAMP	N/A	Heavy Duty Wrap Around Hook Style Clamp
SIP126	N/A	5 ft. (1.5m) IP66 Twist Lock Power Link Cable
AC5PDMX5PRO	N/A	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

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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!