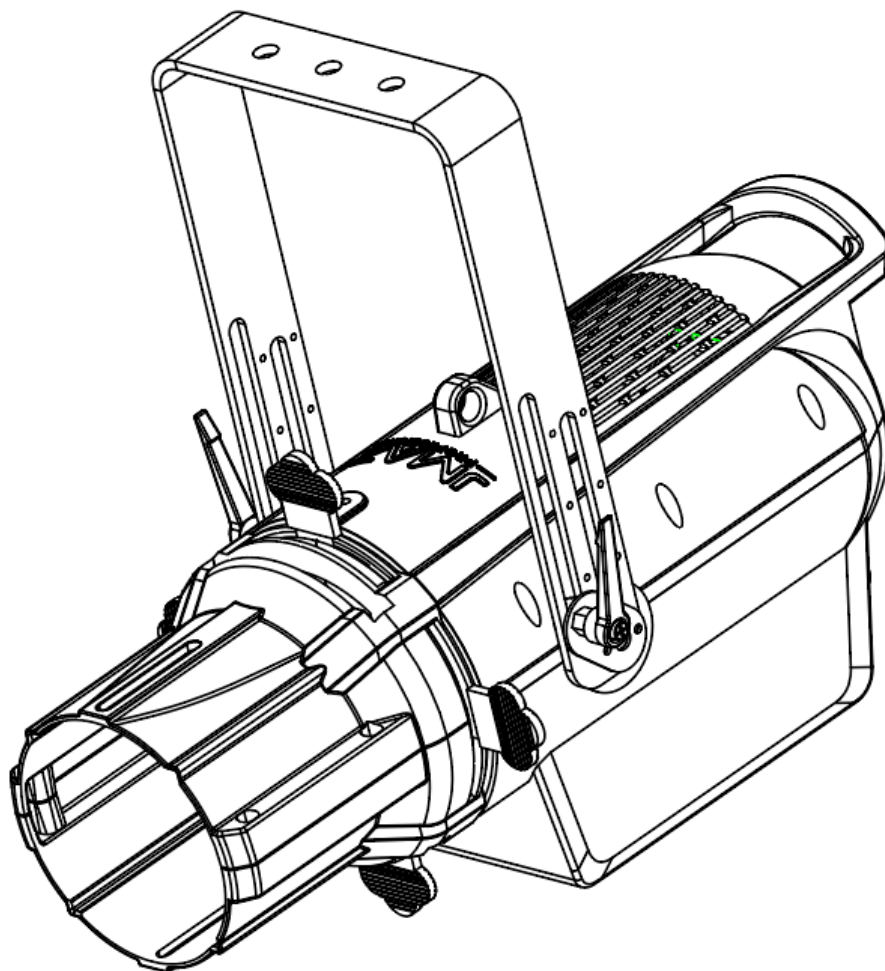




ZONA PROFILE DW

User Manual



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DOCUMENT VERSION

This document may be updated online to include new product features or enhancements. For the most recent version of this manual, please visit www.jmazprofessional.com before starting installation or programming.

<u>Date</u>	<u>Document Version</u>	<u>DMX Channels</u>	<u>Notes</u>
<u>05/01/2026</u>	<u>1.0</u>	<u>1/3/4/8/11</u>	<u>Initial Release</u>

Europe Energy Saving Notice

Energy Saving Matters (EuP 2009/125/EC)

Conserving electrical energy is crucial for environmental protection. Please turn off all electrical products when they are not in use. To prevent power consumption in idle mode, disconnect all electrical equipment from the power source when not in use. Thank you!

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Retain This Manual for Future Reference

Introduction

Unpacking: Thank you for purchasing the Zona Profile DW by JMAZ Professional. Every device has been thoroughly tested and shipped in perfect operating condition. Please carefully inspect the shipping carton for any damage that may have occurred during transit. If the carton appears damaged, inspect the fixture for any signs of damage and ensure all necessary accessories are intact. If any damage is found or parts are missing, contact our toll-free customer support number for further instructions. Do not return the unit to your dealer without first contacting customer support.

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

Customer Support

For any product-related service and support needs, please contact JMAZ Customer Service. Visit www.jmazprofessional.com for questions, comments, or suggestions.

JMAZ GROUP, INC

Monday - Friday, 8:30 am to 5:00 pm PST

Phone: 626-380-0883 | Fax: 626-866-8868

Email: support@jmazlighting.com

Address: 2422 Lee Ave, South El Monte, CA 91733

JMAZ EUROPE GmbH

Email: support@jmazlighting.com

Address: Meiendorfer Amtsweg 5,
22145 Stapelfeld, Germany

IMPORTANT SAFETY INSTRUCTIONS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

Lighted lamp is HOT!

WARNING – To reduce the risk of FIRE OR INJURY

CAUTION – Use indoors only.

CAUTION – Risk of Electric Shock

CAUTION –Hot surface. Keep away from curtains and other combustible materials.

Turn off the power and allow to cool before replacing lamp.

The lamp gets HOT quickly! Contact only switch/plug when turning on.

Do not touch hot lens, guard, or enclosure

Keep lamp away from materials that may burn.

Do not touch the lamp at any time. Use a soft cloth. Oil from the skin may damage the lamp.

Do not operate the luminaire with a missing or damaged shield.

Do not use if there is any damage to the light or cord insulation. Inspect periodically.

CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR

This portable luminaire has a polarized plug (one blade is wider than the other) as a feature to reduce the risk of electric shock. This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Never use with an extension cord unless plug can be fully inserted. Do not alter the plug.

SAVE THESE INSTRUCTIONS

CAUTION! Do NOT expose the fixture or front lens opening to direct sunlight, other lighting, moving head fixtures, or lasers during unpacking, installation, use, or extended idle periods outdoors. Additionally, do not focus a light beam from one fixture directly at another.

CAUTION! To avoid the risk of shock or fire, do NOT expose this unit to rain or moisture.

CAUTION! There are no user-serviceable parts inside this unit. Attempting repairs yourself will void the manufacturer's warranty. If your unit requires service, please contact Jmaz Group, INC.

CAUTION! Do not discard the shipping carton in the trash; please recycle whenever possible.

MANUFACTURER'S LIMITED WARRANTY PERIODS:

- A. Lighting Products (Non-LED): 1 Year Limited Warranty (ex: Special Effect Lighting, Intelligent Lighting, UV Lighting, Strobos, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands, etc.)
- B. Lighting Products (LED and Lamp): 3 Year Limited Warranty (ex: LED Moving Heads, OSRAM Bulb Moving Heads, Laser Products.)
- C. Batteries: 6 Months Limited Warranty (ex: Lithium-Ion Batteries)
- D. Non-LED Bulbs: 6 Months or 2,000 hours of Run time (whichever comes first.) (ex: OSRAM bulbs)

MANUFACTURER'S LIMITED WARRANTY

- A. JMAZ Group, Inc., hereby warrants, to the original purchaser, JMAZ products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase. 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 out.
- B. For warranty service, you must obtain a Return Merchandise Authorization Number (RMA#) before sending back the products – Please contact JMAZ at support@jmazlighting.com. Send the product only to the JMAZ Headquarter. All shipping charges must be Pre - Paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, JMAZ will pay return shipping charges only to a designated point within the United States of America. 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, JMAZ shall have no liability whatsoever for loss of or damage to any such accessories, not for the safe return thereof.
- C. This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which JMAZ concluded, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the JMAZ factory unless prior written authorization was issued to purchaser by JMAZ; if the product is damaged because of improper maintenance as set forth in the instruction manual.
- D. This is not a service contract, and this warranty does not include maintenance, cleaning, or periodic checkup. During the period specified above, JMAZ will replace defective parts at its expense with new or refurbished parts and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of JMAZ under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, as the sole discretion of JMAZ.

- E. JMAZ reserves the right to make changes in design and/or improvements to its products without any obligation to include these changes in any products theretofore manufactured.
- F. No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with the products described above. Except to the extent prohibited by applicable law, all implied warranties made by JMAZ in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. 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 JMAZ be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

Safety Precautions

Protection Class 1: This fixture must be properly grounded. It contains no user-serviceable parts. Attempting repairs yourself will void the manufacturer's warranty. Modifying the fixture or ignoring the safety instructions and guidelines will also void the warranty and exclude any warranty claims or repairs.

Environment: This fixture is designed for use in dry, indoor environments only. Do not expose it to rain, or moisture.

Light Source: Never look directly into the light source, as it can cause retina injury or blindness. Sensitive individuals may experience epileptic shock.

Temperature: The maximum ambient operating temperature is 140°F (60°C), the minimum ambient operating temperature is 14°F (-10°C). Do not touch the fixture housing during operation. Disconnect the power and allow approximately 15 minutes for the fixture to cool down before servicing.

Handling: Do not shake the fixture or use brute force when installing or operating it.

Power Cord: Do not operate the fixture if the power cord is frayed, crimped, or damaged. Replace the power cord immediately if damaged, using one with the same power rating. Do not remove or break off the ground prong from the electrical cord, as it reduces the risk of electrical shock and fire in the event of an internal short.

Damage: Do not attempt to operate the unit if it has been damaged in any way. Avoid spilling water or other liquids onto the unit.

Connections: Disconnect from the main power before making any type of connection.

Ventilation: Do not block any air ventilation slots. Ensure all fans and air inlets remain clean and unobstructed. Maintain approximately 6 inches (15 cm) between the fixture and other devices or walls for proper cooling. Mount the unit in an area that allows proper ventilation.

Cover: Do not remove the cover for any reason.

Suspended Installation: When installing the fixture in a suspended environment, always use mounting hardware of at least M10 x 25mm and install the fixture with an appropriately rated safety cable.

Power Supply: Never plug the unit into a dimmer pack. Disconnect the main power during long periods of non-use. Mount the unit safely and securely. Route power-supply cords to prevent them from being walked on or pinched, especially at the point where they exit the unit.

Cleaning: Clean the fixture only as recommended by the manufacturer.

Heat Sources: Keep the fixture away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

Servicing: The fixture should be serviced by qualified personnel if:

- The power-supply cord or plug is damaged.
- Objects have fallen onto or liquid has been spilled into the fixture.
- The fixture does not operate normally or shows a marked change in performance.

The fixture has fallen or been subjected to extreme handling.

FCC Statement

This device meets the requirements of FCC Part 15 regulations. Its operation is subject to the following two conditions:

1. It must not cause harmful interference.
2. It must accept any interference received, including interference that could result in undesired operation.

FCC Radio Frequency Interference Warnings & Instructions

Please be aware that any changes or modifications to this product not explicitly approved by the party responsible for compliance may void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device under Part 15 of the FCC Rules. These limits are intended to provide reasonable protection against harmful interference in a commercial environment. This equipment generates, uses, and can emit radio frequency energy, and if it is not installed and used in accordance with the instructions in this manual, it may cause harmful interference to radio communications. Operating this equipment in a residential area is likely to result in harmful interference, and the user may need to resolve the interference at their own expense.

AC Power

Power Requirements: The Zona Profile DW requires a power connection that supplies AC100-240V, with a frequency of 50/60Hz.

To ensure proper power supply, refer to the current rating listed on the product's back panel or consult the specifications chart. This rating indicates the average current draw under standard operating conditions.

For accurate circuit breaker sizing, power outlet selection, and wiring requirements, use the listed current value as a guideline. Consider any additional factors, such as the number of fixtures in the installation and the overall electrical load on the circuit.

Safety First: Always connect the product to a protected circuit equipped with a circuit breaker or fuse. Ensure the product is grounded properly to minimize the risk of electrical shock or fire.

Extend Product Life: To reduce unnecessary wear and extend the product's lifespan, disconnect it completely from power—either by turning off the breaker, unplugging it, or switching it off—during periods of non-use.

SPECIFICATIONS:

Light Source

- 350W (1 x 350W) Cool White LED
- 350W (1 x 350W) Warm White LED
- LED Life Expectancy: 50,000 Hours

Color System

- Linear CCT: 2700K – 7500K
- Color Temperature (At Full): 4678K)
- CRI (Ra): 97 @ 2700K
- CRI (Ra) 95 @ 3200K
- CRI (Ra) 95 @ 5600K

Optics

- Optional Gobo Size:
 - Maximum Size: 90mm (outside), 70mm (image), 2.5mm (max. thickness)
 - Size B: 86mm (outside), 64.5mm (image), 2.5mm max. thickness)
- Lens Available (Not Included):
 - 19° Degree
 - 26° Degree
 - 36° Degree
 - 50° Degree

Dynamic Effect

- Linear Dimmer: 0-100% Smooth Linear LED
- Strobe Shutter: 1-25 Hz Variable
- Dimmer: 0 – 100% smooth linear electronic dimming
- Shutter/ Strobe
 - High speed electronic shutter and strobe
 - 0-25Hz shutter/ strobe effect with variable speed
 - Preset pulse strobe effect with variable speed
 - Random strobe effect with variable speed
- Dimming Modes: 6
- Dimming Curves: 4
- Built in-Auto Programs: Yes
- Color Temperature: 2700K – 7500K

Control

- Control Protocol: DMX, RDM
- Personalities: 1/3/4/8/11
- Optional Add-On Wireless DMX: CRMX USB– Powered by LumenRadio (SKU: JP5001)

Body

- Die-Cast Aluminum Body
- External Finish: Mute Black

Physical

- IP Rating: 20
- Cooling: Advanced Ultra Quiet Fan
- Power Connection: US Edison (ETL listed) plug to REAN IP65 TRUE1
- Power Input: REAN IP65 True1
- Power Output: REAN IP65 True1
- Data Connectors: NEUTRIK 5-Pin DMX
- Cable Length: Power 5ft (1.5M)
- Certifications:
 - CE
 - cETL (Pending)
 - RoHS
 - FCC

Electrical

- Input Voltage: 100 – 240V AC, 50/60Hz (Auto Ranging with Active PFC)
- Power Consumption: 350W
- Power Linking for connecting fixture in daisy-chain:
 - Up to 5 units @110V with a 20A circuit
 - Up to 9 units @208V with a 20A circuit
 - Up to 11 units @230V with a 20A circuit
- Fuse: T6.3A/250V
- Operating Temperature: 40°C (107°F)
 - Minimum Temperature: -10°C (14°F)
 - Maximum Temperature 60°C (140°F)

Box Content

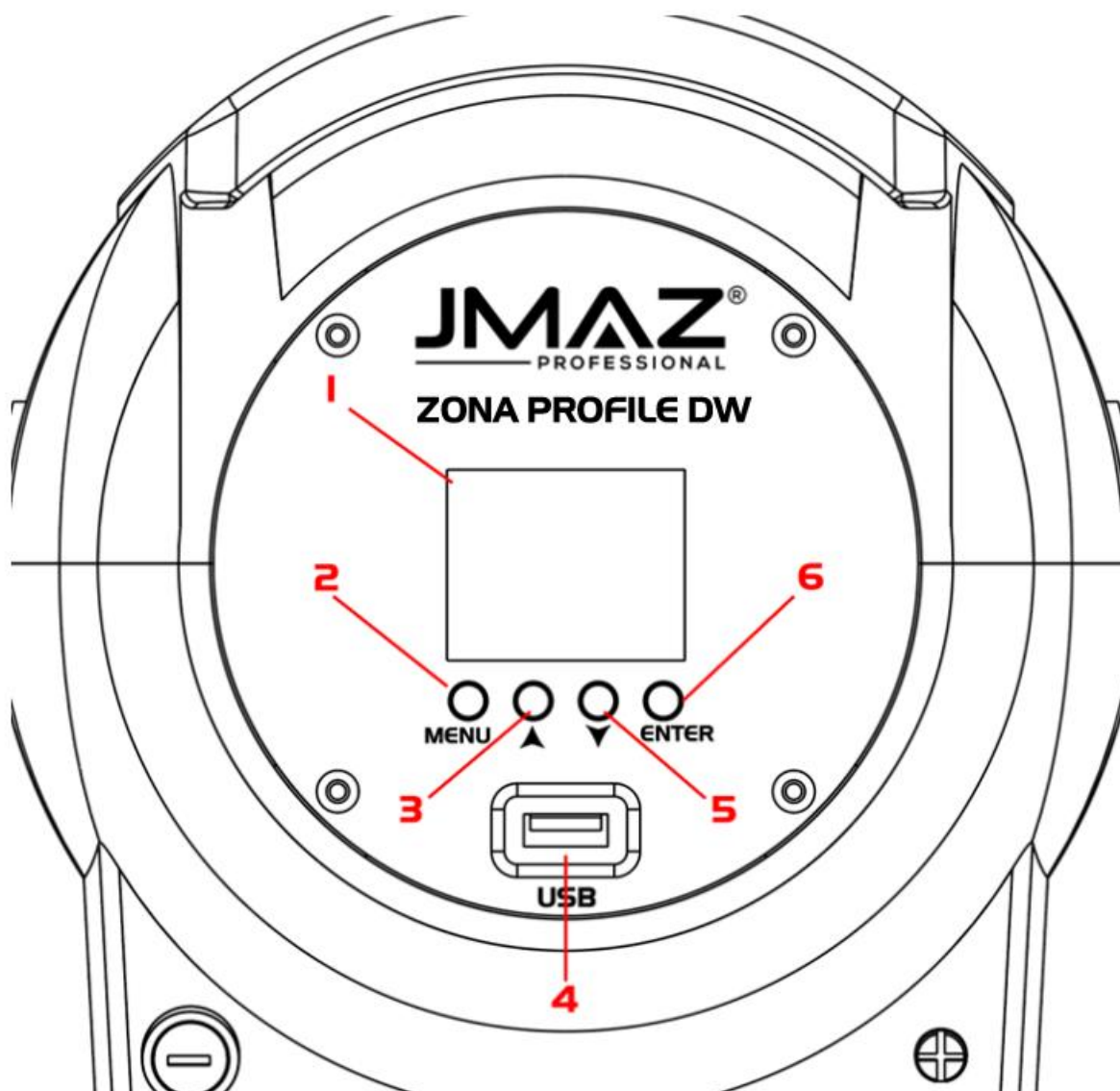
- 1 x ZONA Profile DW w/ Shutter Barrel (Lens Sold Separately)
- 1 x TRUE1 Power Cable
- 1 x User Manual
- 1 x Safety Cable
- 1 x Gobo Holder

Item Dimension and Weight:

- Dimensions: 21.6" x 10.8" x 8.7" / 551.2 x 276 x 221mm
- Weight: 18.62lbs (8.5kgs)

UPC**618528599878**

Fixture Overview:



#	Name
1	LCD DISPLAY
2	MENU BUTTON
3	UP BUTTON
4	USB PORT FOR CRMX USB
5	DOWN BUTTON
6	ENTER BUTTON

Installation Guidelines

Qualification: Only qualified individuals should install this fixture.

Compliance: Installation must comply with all local, national, and international commercial electrical and construction codes and regulations.

Support Structure: The trussing or installation area must support at least 10 times the weight of the fixture and any attached accessories without deformation.

Safety Attachments: The unit must be secured with a secondary safety attachment, such as an appropriately rated safety cable.

Professional Consultation: Before mounting the fixture to any metal truss/structure or placing it on any surface, consult a professional equipment installer to ensure the structure or surface can safely support the combined weight of the fixture, clamps, cables, and accessories.

Operating Temperature: The maximum ambient operating temperature is 140°F (60°C).

Placement: Install fixtures away from walking paths, seating areas, or locations where unauthorized personnel might reach them.

Safety Precautions: Never stand directly below the fixture when rigging, removing, or servicing it.

Overhead Installation: Overhead installations must always be secured with a secondary safety attachment, such as an appropriately rated safety cable that can hold at least 10 times the weight of the fixture.

Experience Required: Overhead mounting requires extensive experience, including calculating working load limits, understanding the installation material, and periodically inspecting all installation materials and the fixture itself. If you lack these qualifications, do not attempt the installation yourself.

Annual Inspection: The installation should be checked by a skilled professional once a year.

Safety Cable

Always attach a safety cable when installing this fixture in a suspended environment. This precaution ensures that the fixture will not fall if the clamp fails.

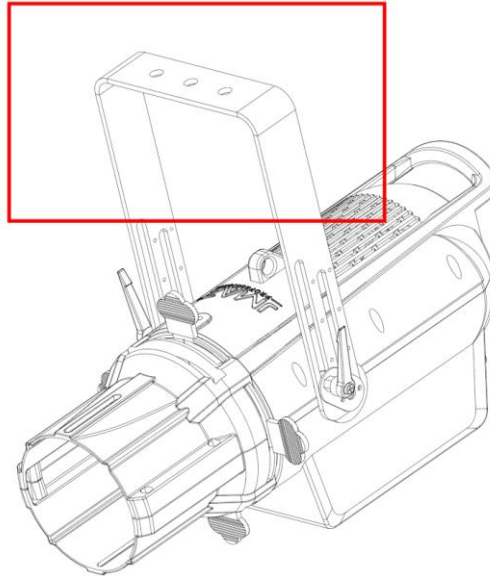
Potential Internal Damage from External Light Sources

Exposure to external sources such as direct sunlight, other lighting fixtures, moving head units, and lasers can cause significant internal damage to JMAZ lighting fixtures. This includes potential harm to optics, dichroic color filters, gobos (both glass and metal), prisms, animation wheels, frost filters, irises, shutters, motors, belts, wiring, discharge lamps, and LEDs. Such damage is not exclusive to JMAZ fixtures but is a common risk with lighting equipment from all manufacturers. While it is not possible to completely eliminate this risk, the following guidelines can help minimize potential damage. For further assistance, please contact JMAZ Service.

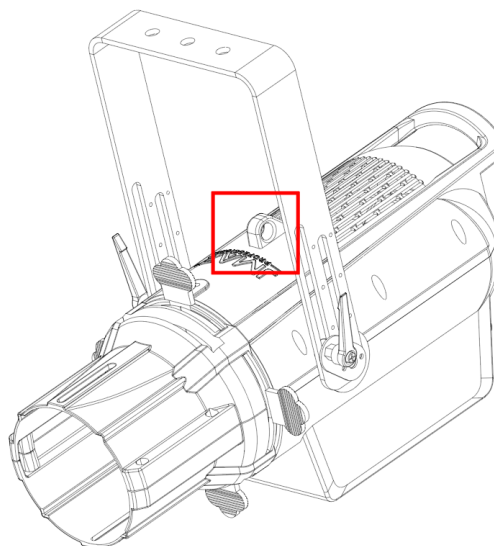
Mounting Installation Clamp

Mounting Instructions:

1. When mounting the fixture to a truss or any other suspended or overhead installation, secure appropriately rated mounting clamps (not included) to the fixtures mounting points located on the yoke.

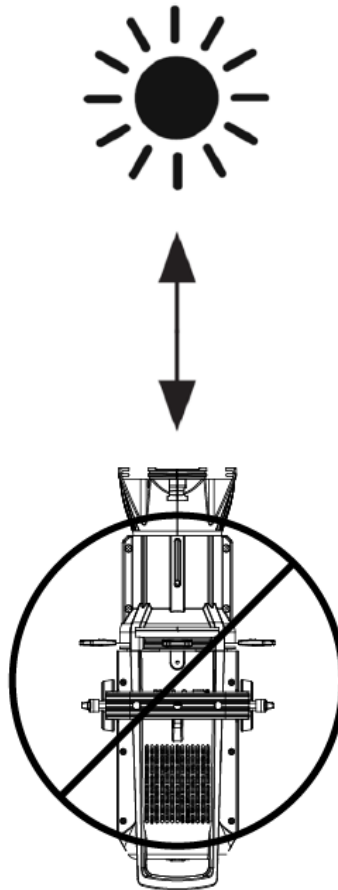


2. Ensure that you use appropriately rated brackets to safely support the fixture in a suspended installation.
3. Attach a separate safety cable (Included) of the appropriate weight rating to the provided safety cable loop (located on the top of the fixture)



Guidelines:

- Avoid exposing the fixture and/or front lens opening to direct sunlight, other lighting fixtures, moving head units, and lasers during unpacking, installation, operation, and extended periods of idle time outdoors.
- **Do not direct the output of one lighting fixture towards another.**



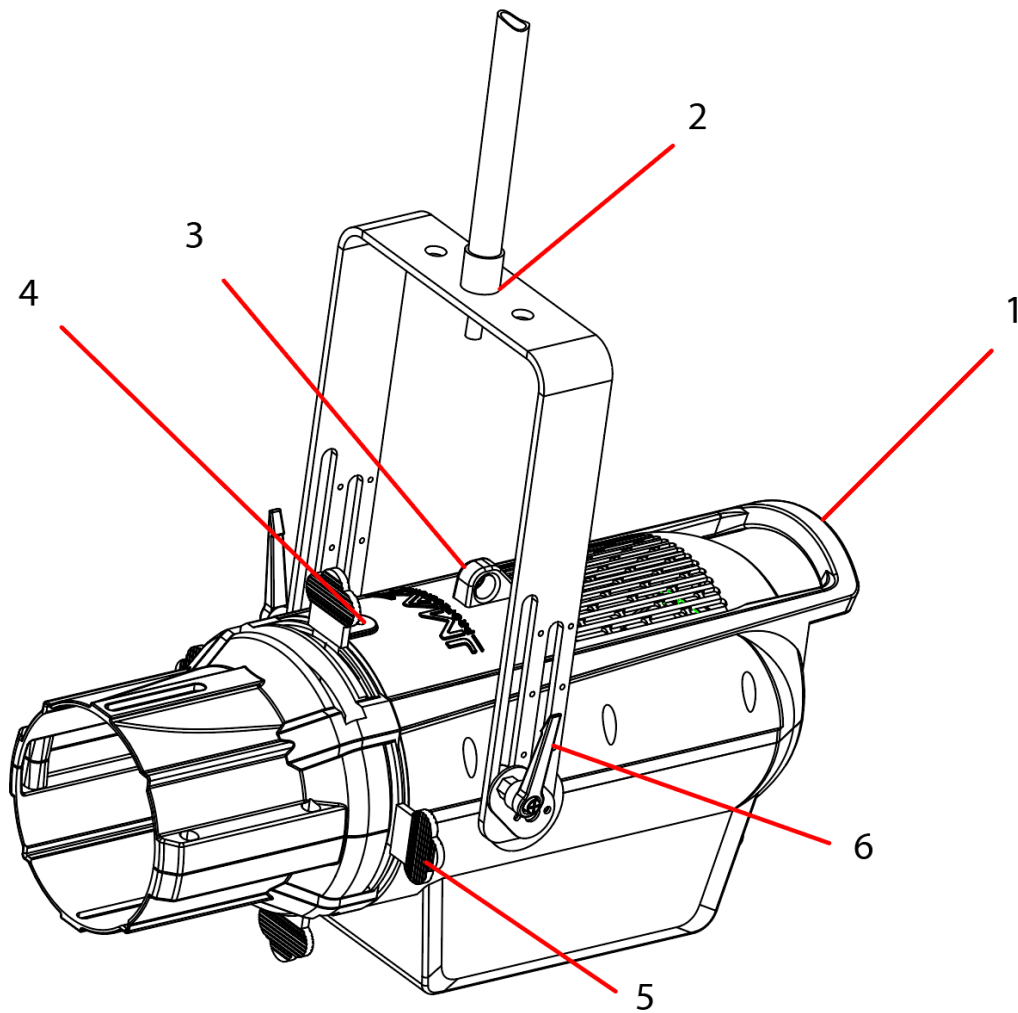
INSTALLATION INSTRUCTIONS

Rigging the device

**CAUTION!**

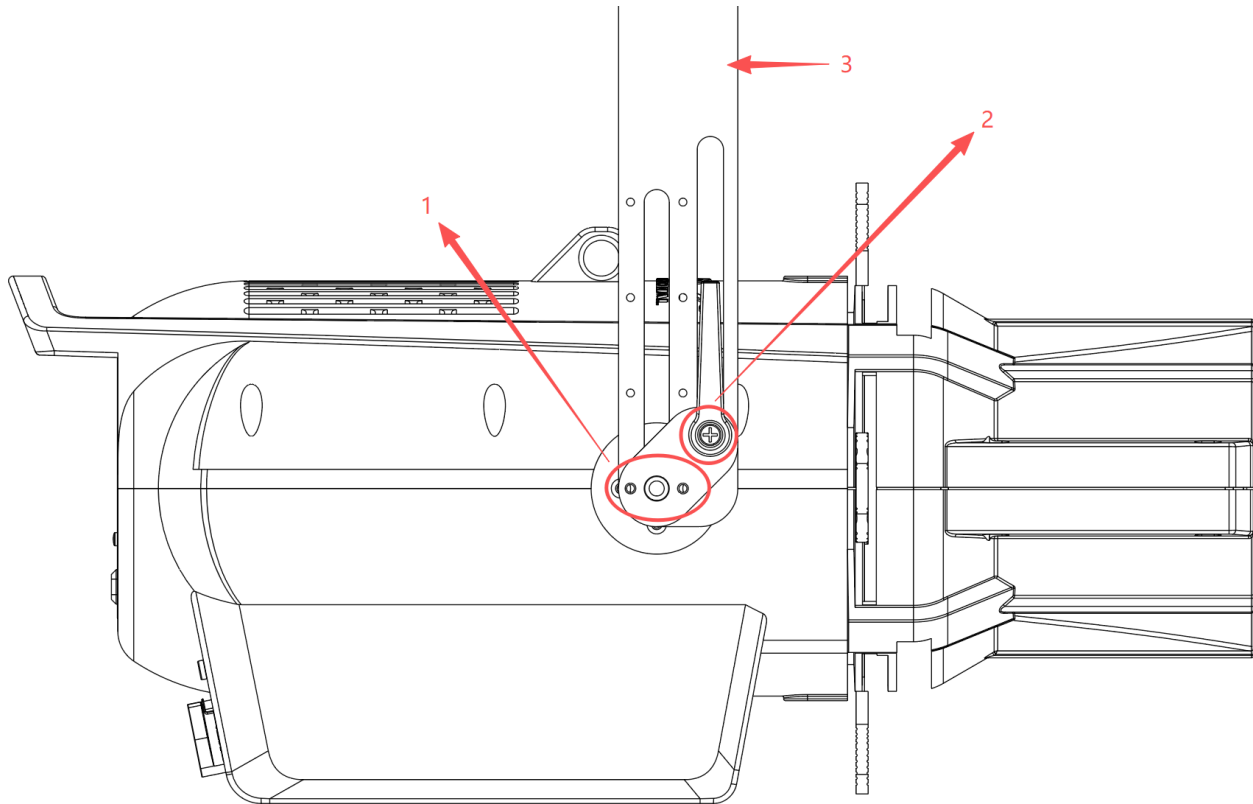
PLEASE CONSIDER THE RESPECTIVE NATIONAL NORMS DURING THE INSTALLATION. THE INSTALLATION MUST ONLY BE CARRIED OUT BY A QUALIFIED PERSON.

- The installation of the fixture must be designed and constructed to support ten times its weight for one hour without any harmful deformation. It is essential to always secure the installation with a secondary safety attachment, such as a suitable safety rope.
- Never position yourself directly beneath the device during mounting, removal, or servicing. Before operating the device for the first time, ensure that all safety and technical aspects of the installation are approved by a qualified expert.
- These installations must be inspected and approved by a skilled professional annually. Overhead mounting requires significant expertise, including calculating load limits, using appropriate installation materials, and performing periodic safety checks on both the materials and the device. If you lack these qualifications, do not attempt the installation yourself, as improper installation can result in serious injury.



#	Name
1	Back Handle
2	Yoke
3	Safety Loop
4	Shutter Barrel Lock Knob
5	Shutters
6	Yoke Locking Knob

Adjustable Yoke



1. Retention Plate
2. Side Retention Knob
3. Adjustable Yoke

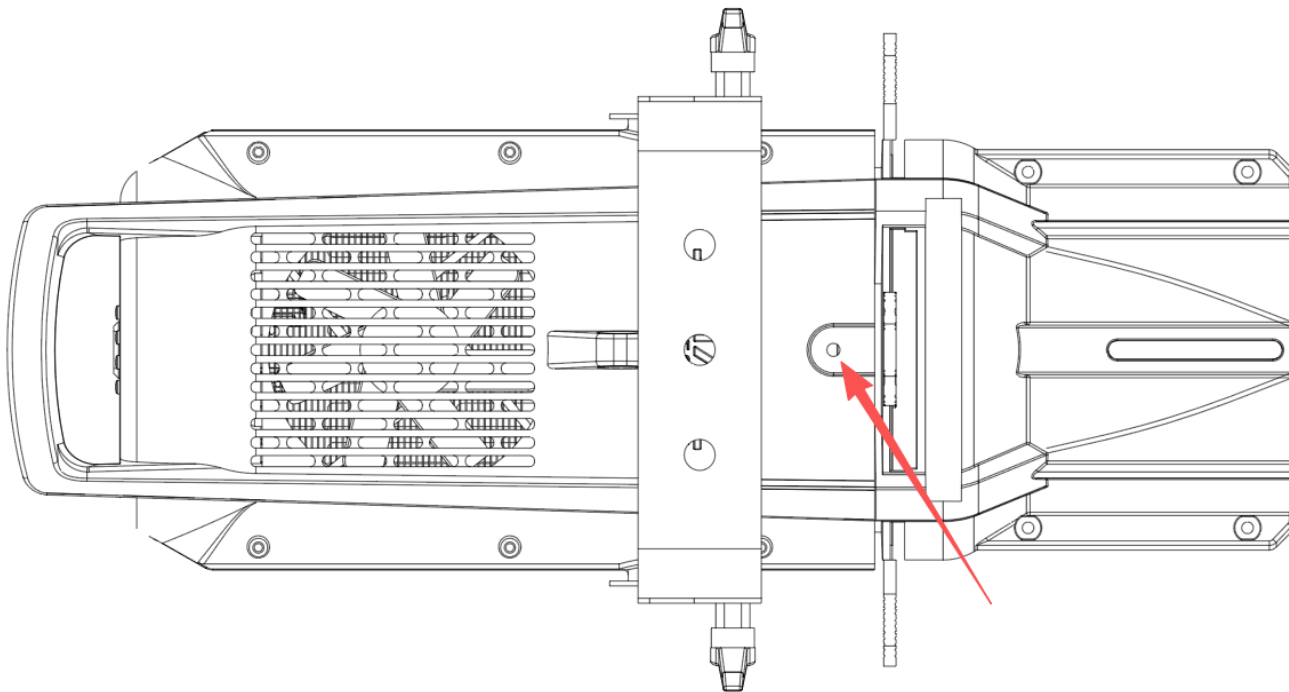
Adjusting the Yoke Height:

1. Remove the 2 screws and the bolt holding the yoke in place.
2. Loosen the side retention knob to allow the yoke to slide up and down.
3. Adjust the yoke to your preferred height, ensure the two screw holes on the yoke line up with the two screw holes on the retention plate.

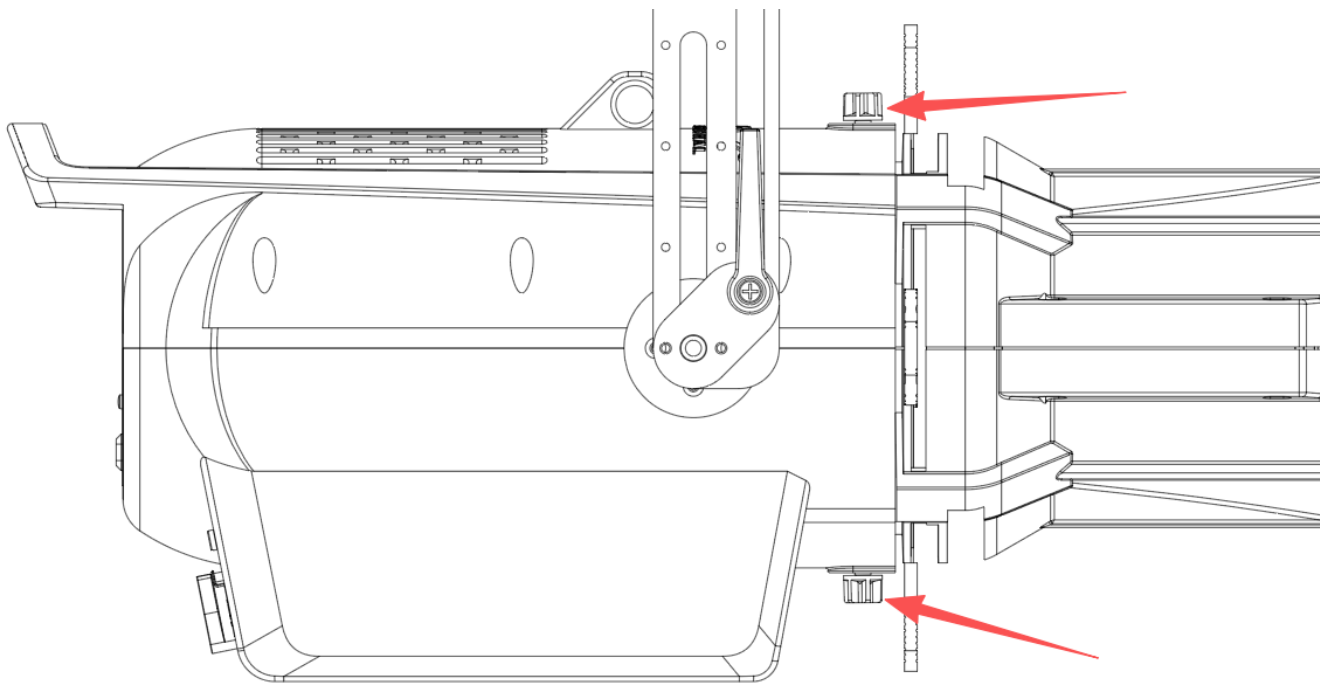
Important: Overhead rigging requires extensive experience, including (but not limited to) calculating working load limits, specifying installation/ rigging materials, and periodic safety inspection of all installation material as well as the device. If you lack these qualifications, do not attempt the rigging of this device yourself. Improper installation/ rigging can result in serious bodily injury.

- Be sure this fixture is kept at least 1m away from any flammable materials (decoration etc.).
- Always use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails.
- Rig the projector high enough to provide clearance for people who may walk beneath the beam path or establish a restricted access area that extends beyond the beam hazard distance.

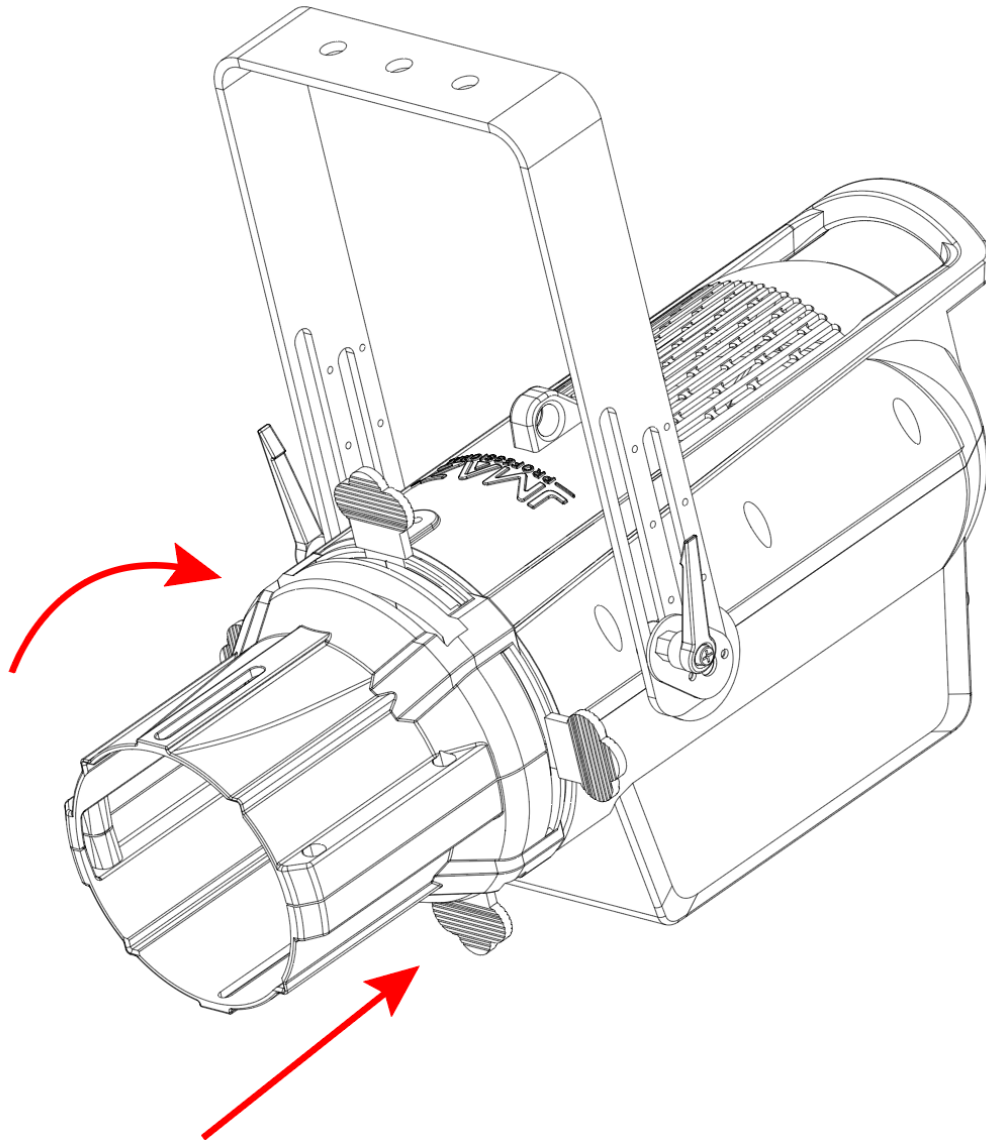
Removing and Installing a Shutter Barrel



1. Twist the shutter barrel lock knob to tighten the shutter barrel in place, or to loosen the tension on it. There is a knob present on the top and bottom of the fixture.



2. Insert the Shutter Barrel into the fixture and twist the shutter barrel slightly to lock it in place.
Note: The Shutter Barrel will not lock into place, twist until you can securely tug on the Shutter Barrel without it being removed.



3. Once the shutter barrel is secure on the fixture, add the barrel lock knobs back into place and twist to tighten and secure the shutter barrel.

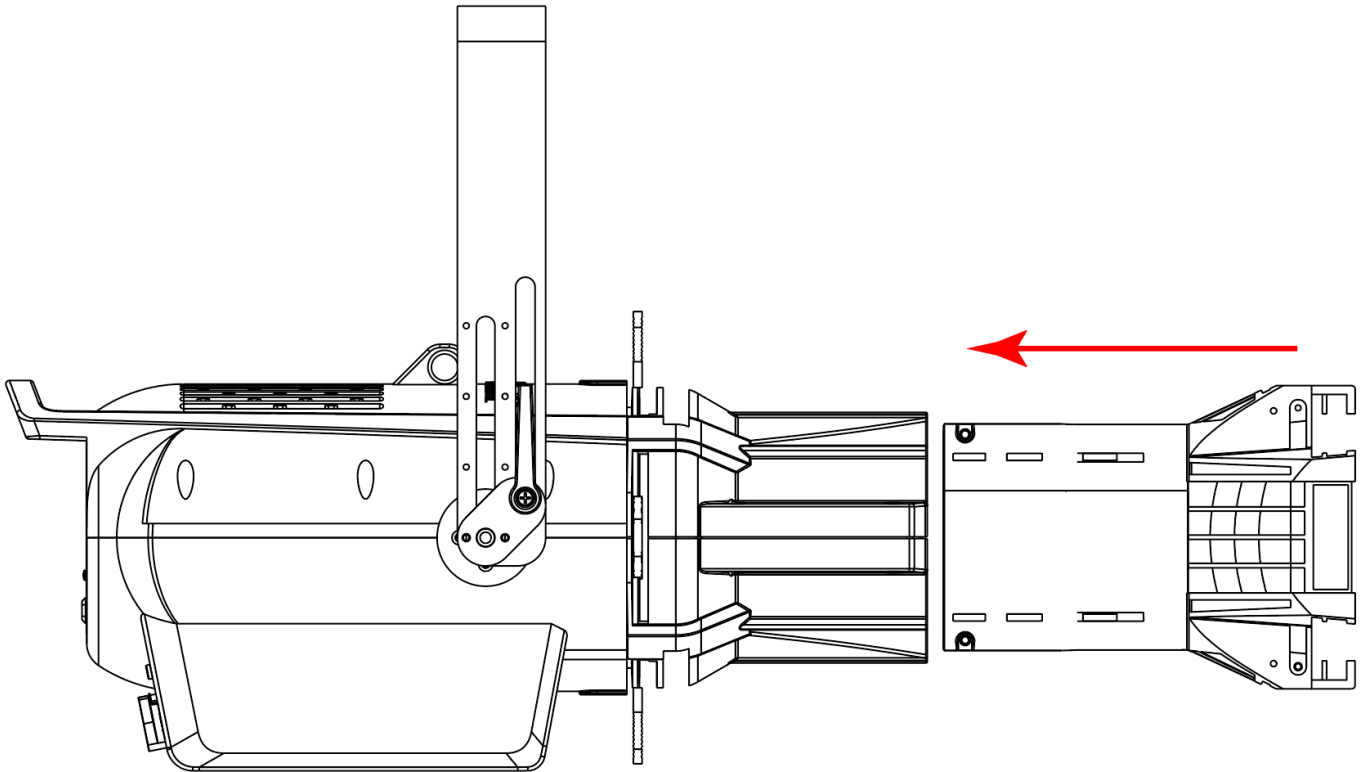
Lens Installation

The Zona Profile has different lens options for different applications:

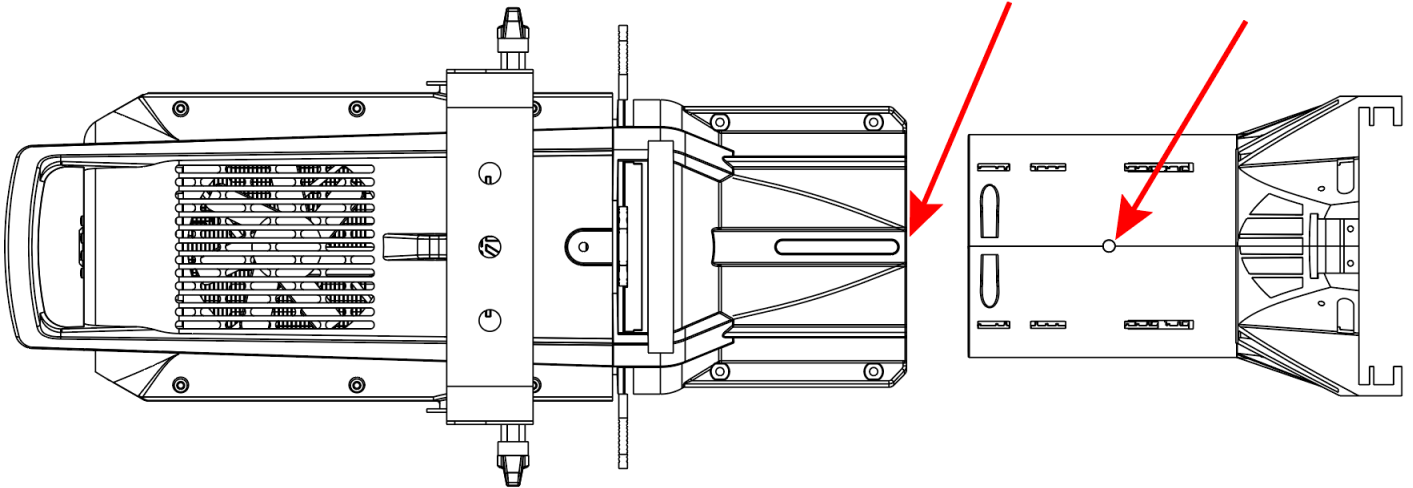
- **19° Degree: SKU - JP4009**
- **26° Degree: SKU - JP4010**
- **36° Degree: SKU - JP4011**
- **50° Degree: SKU - JP4012**

All the optional lenses have the same installation method:

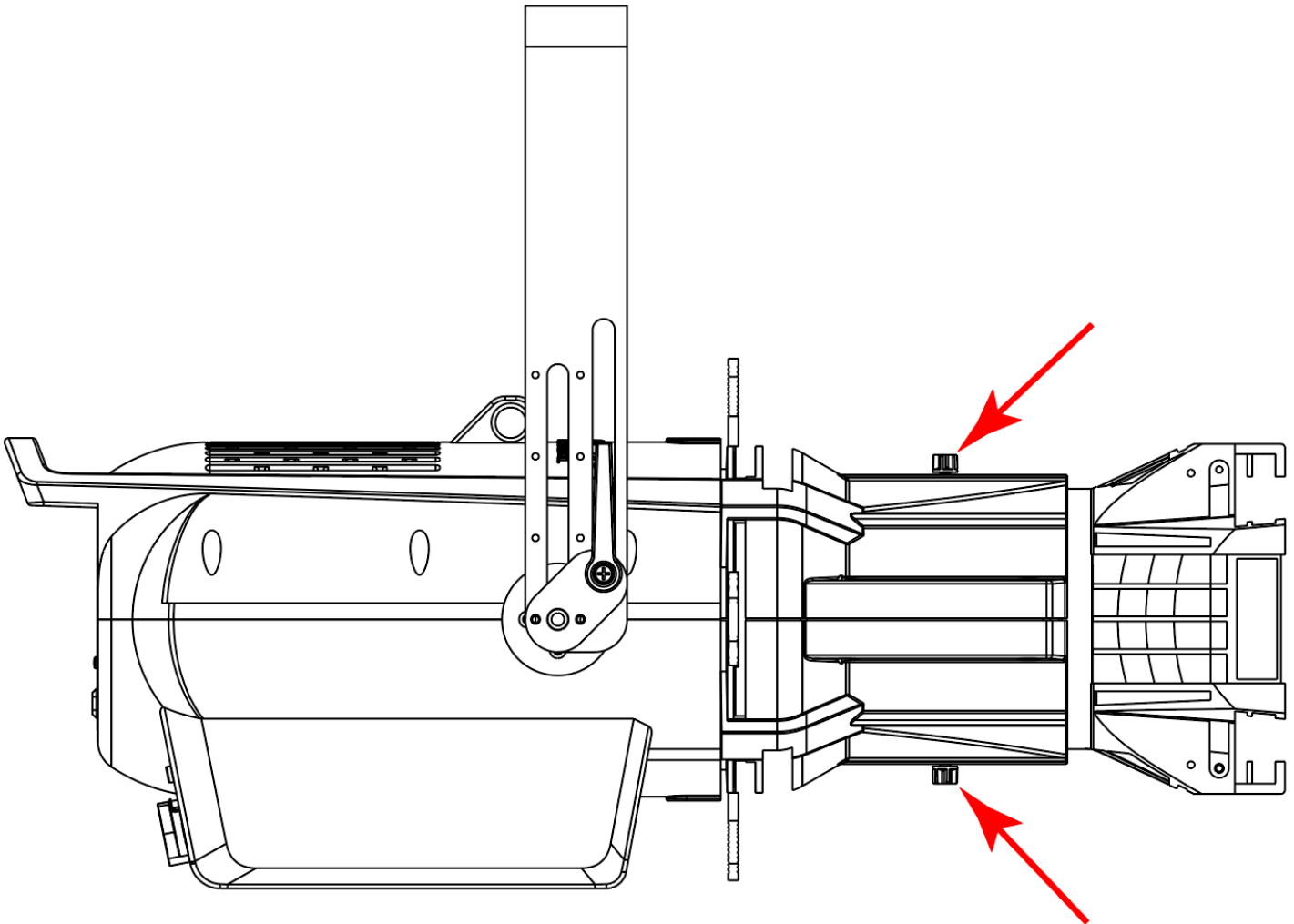
Insert the lens into the shutter barrel with the back of the lens going into the shutter barrel.



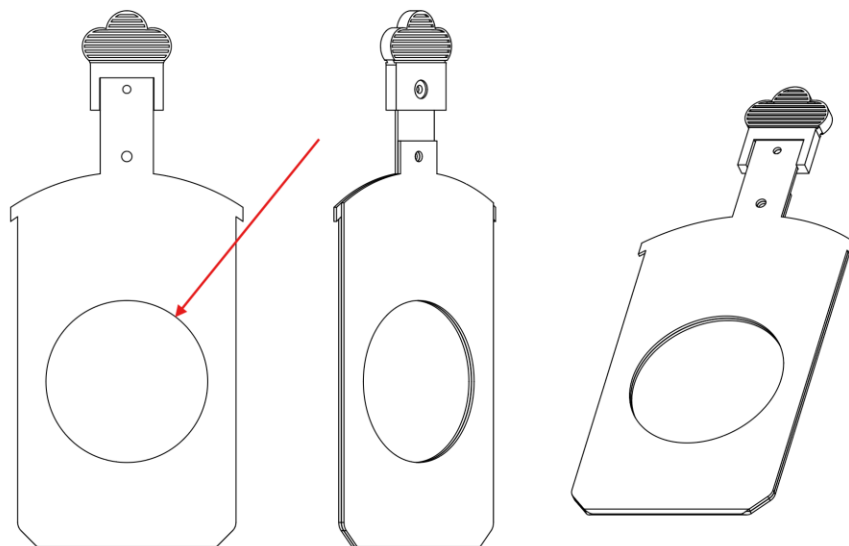
Ensure that when sliding the lens in, the notch on the shutter barrel lines up with the screw hole on the lens, and adjust the lens to your desired focus zoom.



Twist the knob on both the top and bottom side to ensure the lens is secure in place.

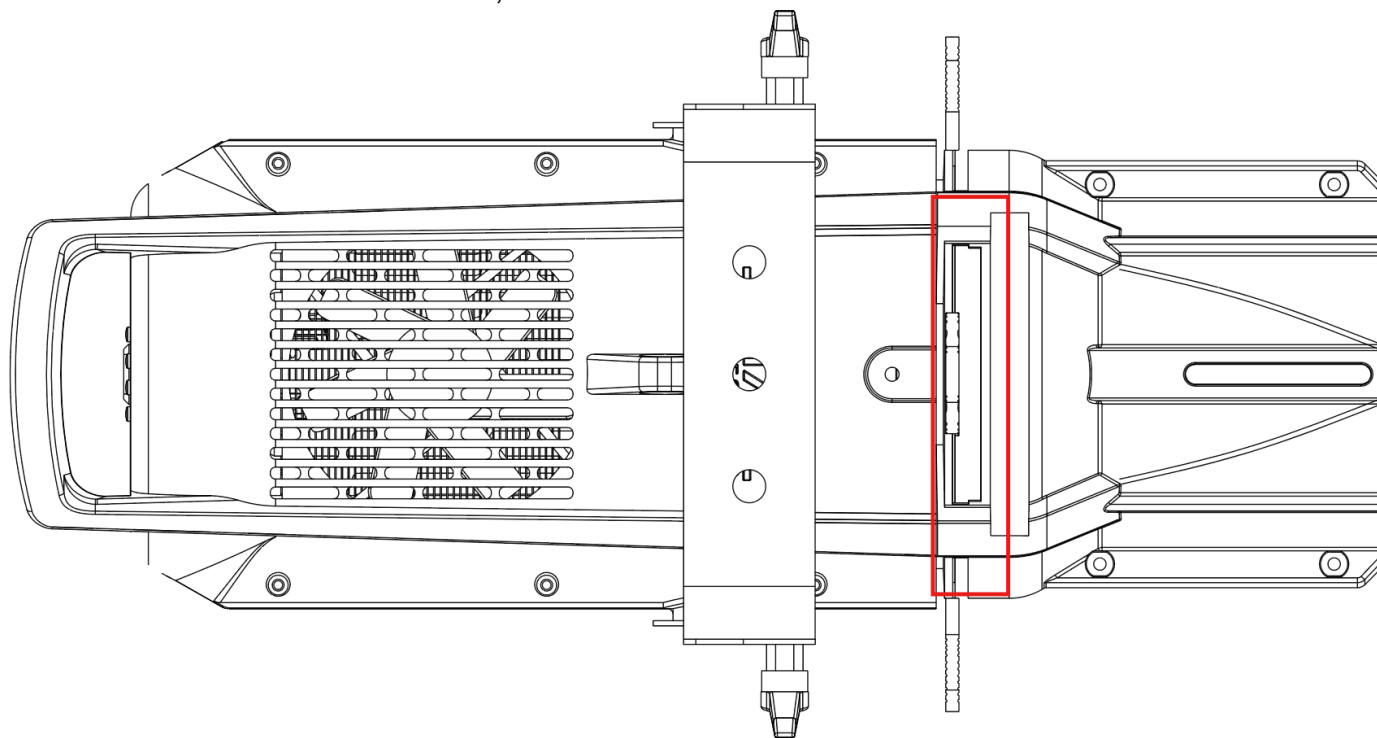


Gobo Holder Installation



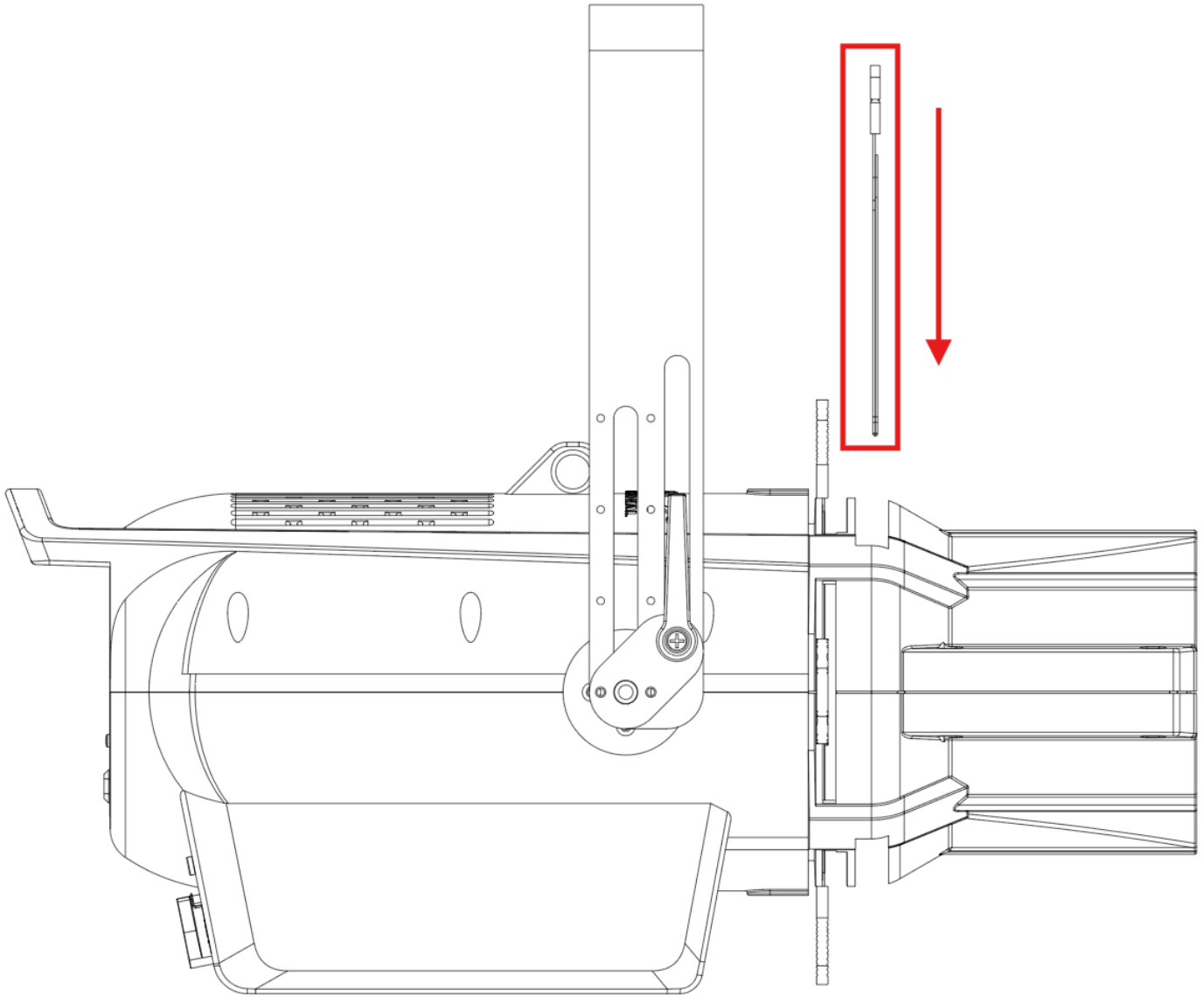
**The gobo size supported: Maximum Size: 90mm (outside), 70mm (image), 2.5 mm (max. thickness)
Size B: 86 mm (outside), 64.5 mm (image), 2.5 mm (max. thickness)*

Locate the Slot for the Gobo Holder, this will be located on the shutter barrel.



Remove the two screws holding the cover in place. Place the cover back on when not in use to prevent any light from leaking out.

Take the Gobo Holder and insert it into the slot. Ensure the Gobo Holder is secure in place and not loose. Check the alignment to properly center the holder as to not place it in the “Iris slot”. Once the gobo holder is installed, place the plate back on and screw it back into place to ensure it is secure.



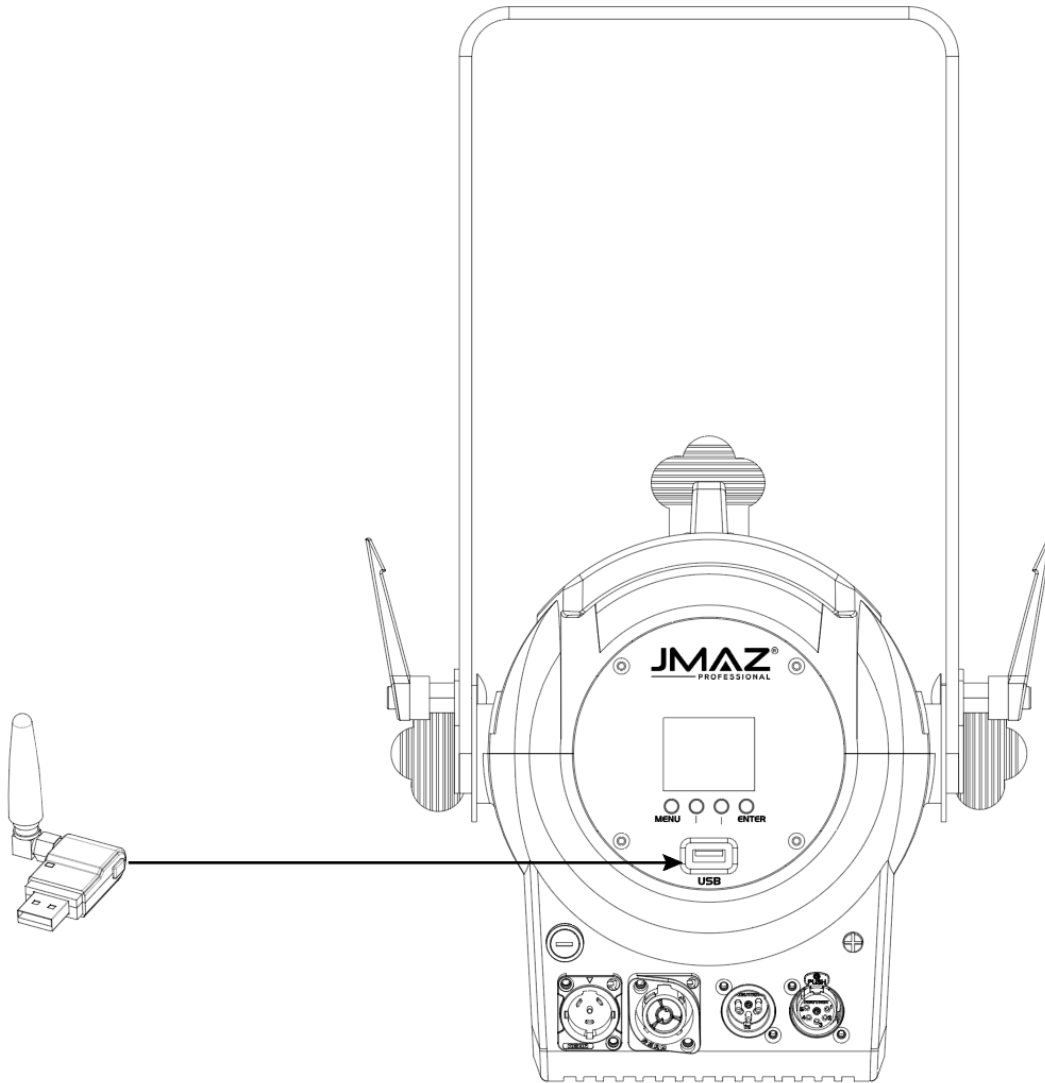
Wireless DMX USB Installation

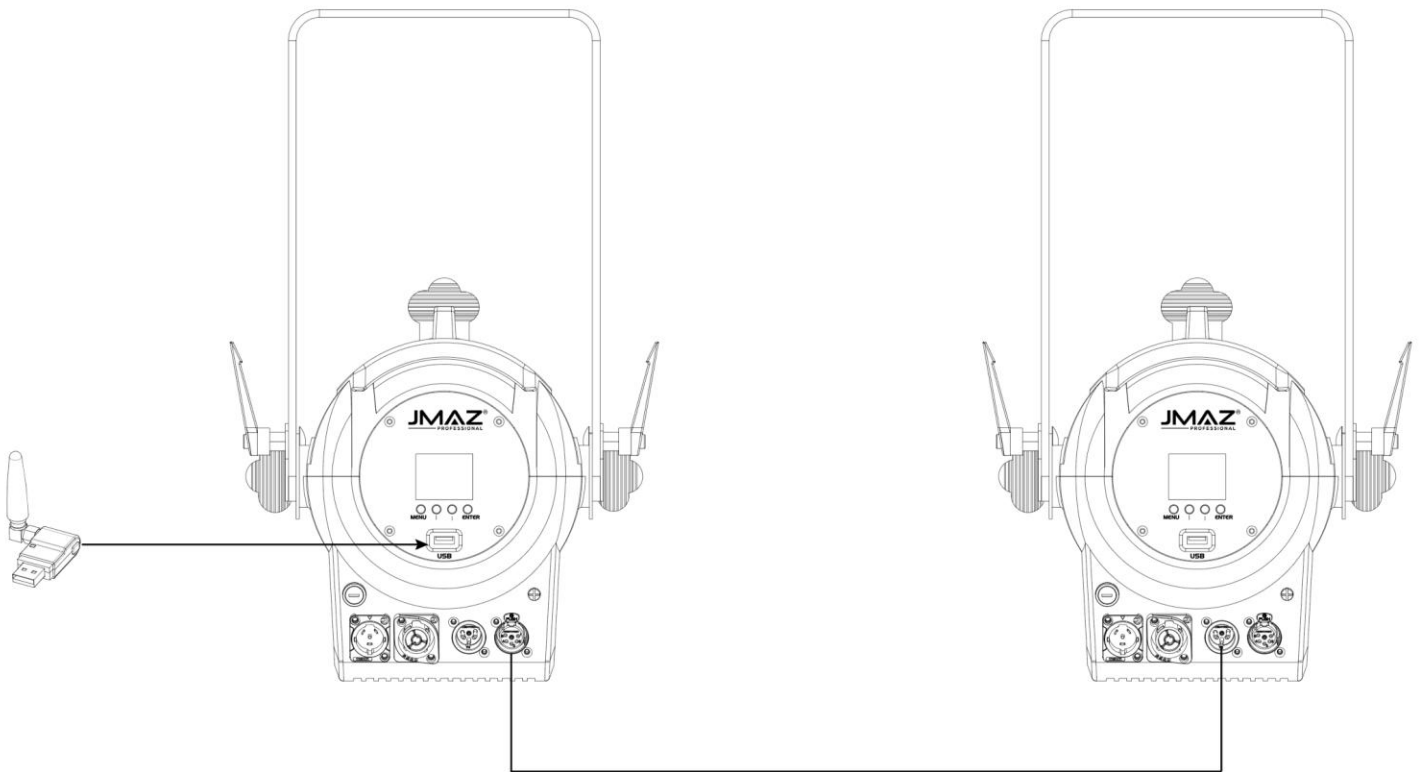
The Zona Profiles have a USB Port for optional an CRMX USB Wireless USB Receiver to be plugged in and operated wirelessly via Wireless CRMX Transmitter.

Insert a CRMX USB Wireless Receiver into the USB Port.

Press the Button on the side for 3 seconds to delete any active connection on the CRMX USB Wireless Receiver.

Follow the steps on your Wireless CRMX Transmitter to establish a connection.





When receiving Wireless DMX Signal the Zona Profile can be daisy chained to other Zona Profiles of the same model to send out signal via Wired DMX. Simply plug a 5-Pin DMX Cable to the DMX OUT of the Transmitting Zona Profile and the other end of the 5-Pin DMX Cable to the DMX IN. The Zona Profile will now receive signal from the transmitting Zona Profile.

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
0x02AFh	0810	810	1-5

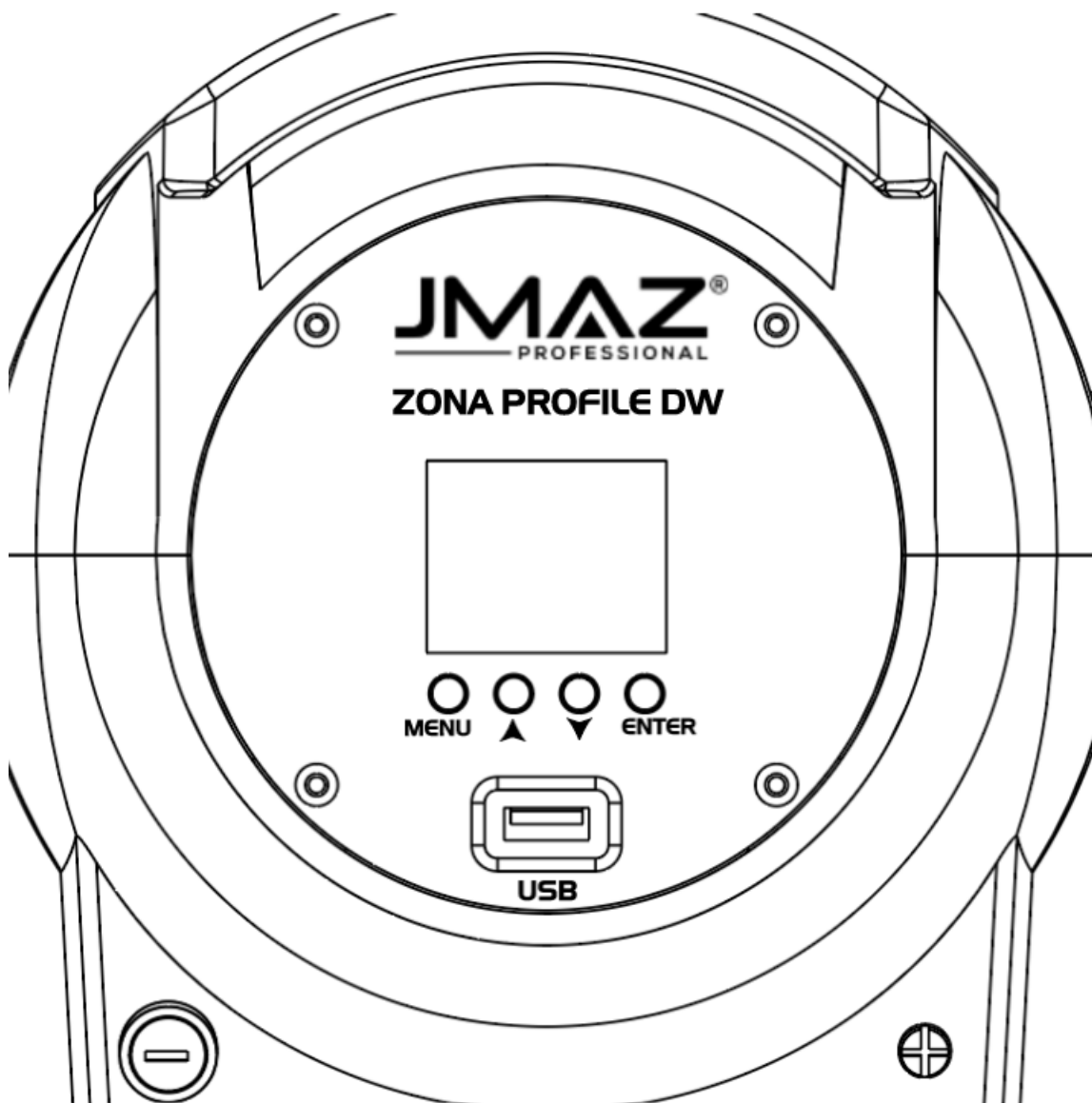
Please be aware that not all RDM devices support all RDM features, and therefore it is important to check beforehand to ensure that the equipment that you are considering includes all of the features that you require.

RDM Personality ID	Channel Mode
1	1
2	3
3	4
4	8
5	11

CONTROL PANEL

The Zona Profile DW features a display screen with a 4-button control pad, which can be used to easily adjust any device settings.

- **Menu Button:** Press to cycle through the main menu options or return to the previous menu.
- **Enter Button:** Press to select the highlighted option or confirm a selection.
- **▲ / ▼ Buttons:** Use these buttons to navigate through menu options and adjust settings displayed on the screen.



System Menu

Main Menu	Secondary Menu	Third Level Menu	Default Value
FOCUS MODE		ON	OFF Activates all light sources, then automatically returns to the previous function after 5 minutes.
		OFF	
DMX ADDRESS		001-512	001
DMX CHANNEL		1	11CH
		3	
		4	
		8	
		11	
CCT MODE	DIMMER	000-255	255
	CCT	2700K-7500K	3200K
MANUAL	DIMMER	000-255	255
	STROBE	000-255	255
	WARM WHITE	000-255	0
	COOL WHITE	000-255	0
AUTO MODE	DIMMER	000-255	255
	EFFECT	0-6	0
	SPEED	000-255	240
SETTING	M/S MODE	HOST / GUEST	GUEST
	1CH PRESET	CCT	15000HZ
		MANUAL	
	FREQ	1000HZ	
		2000HZ	
		3000HZ	
		4000HZ	
		6000HZ	
		10000HZ	
		15000HZ	
		20000HZ	
		25000HZ	
	DIM MODE	STANDARD	STAGE
		STAGE	
		TV	
		ARCHITECTURE	
		THEATER	
		STAGE2	
	DIM CURVE	S-CURVE	S-CURVE
		LINEAR	
		SQUARE	
		INV-SQUARE	
	LOSS DATA	HOLD/OFF	OFF
	FAN MODE	AUTO	DEFAULT: AUTO

		FAST	100% fan speed
		OFF	The fan will turn off, and the brightness of the fixture will decrease. If the lamp overheats, the fan will turn on (80 °C)
		SLOW	Slow Fan Speed
	DISPLAYINVERT	YES/NO	NO
	BACKLIGHT	10s	60s
		30s	
		60s	
		Always	
	LOCK	ON/OFF	OFF
	FACTORY RESET	YES/NO	NO
	AUTO TEST	ON/OFF	OFF
INFO	FIRMWARE		
	FIX HRS		Total amount of hours fixture has been turned on.
	LED HRS		Total amount of hours the LED has been turned on.
	UID		0x02AFh
	TEMP		Current Temperature of Fixture

Focus Mode*

- Press the MENU button until “FOCUS MODE” appears on the display.
- Press ENTER to activate “FOCUS MODE.”
- Press ENTER to confirm your selection.
- Press MENU to exit.

**Note: Activating FOCUS MODE will set the Dimmer to 100%, and the values for all Light Sources on the fixture to 100% for 5 minutes, after 5 minutes Focus Mode turns OFF and will return to last previous setting.*

DMX Address

- Press the MENU button until “DMX ADDRESS” appears on the display.
- Press ENTER to access the DMX Address menu.
- Use the UP and DOWN buttons to select a DMX address (001–512).
- Press ENTER to confirm your selection.
- Press MENU to exit.

DMX Channel

- Press the MENU button until “DMX CHANNEL” appears.
- Press ENTER to enter the Channel Mode menu.
- Use the UP and DOWN buttons to cycle through available channel modes (1, 3, 4, 8, 11)
- Press ENTER to confirm your desired mode.
- Press MENU to exit.

CCT Mode

- Press the MENU button until “CCT MODE” appears.
- Press ENTER to enter CCT Mode.
- Use the UP and DOWN buttons to adjust:
 - DIMMER (0–255)
 - CCT value (2700K – 7500K)
- Press ENTER to confirm each selection.
- Press MENU to exit.

Manual

- Press the MENU button until “MANUAL” appears on the display.
- Press ENTER to enter Manual Mode.
- Use the UP and DOWN buttons to navigate through the available parameters:
 - Dimmer
 - Strobe
 - Warm White
 - Cool White
- Press ENTER to adjust the selected setting.
- Use the UP and DOWN buttons to change the value (0–255).
- Press ENTER to confirm.
- Press MENU to exit the Manual menu.

Auto Mode

- Press the MENU button until “AUTO” appears.
- Press ENTER to enter Auto Mode.
- Use the UP and DOWN buttons to adjust:
 - DIMMER

- EFFECT (0–6)
- SPEED (0-255)
- Press ENTER to confirm each selection.
- Press MENU to exit.

Setting

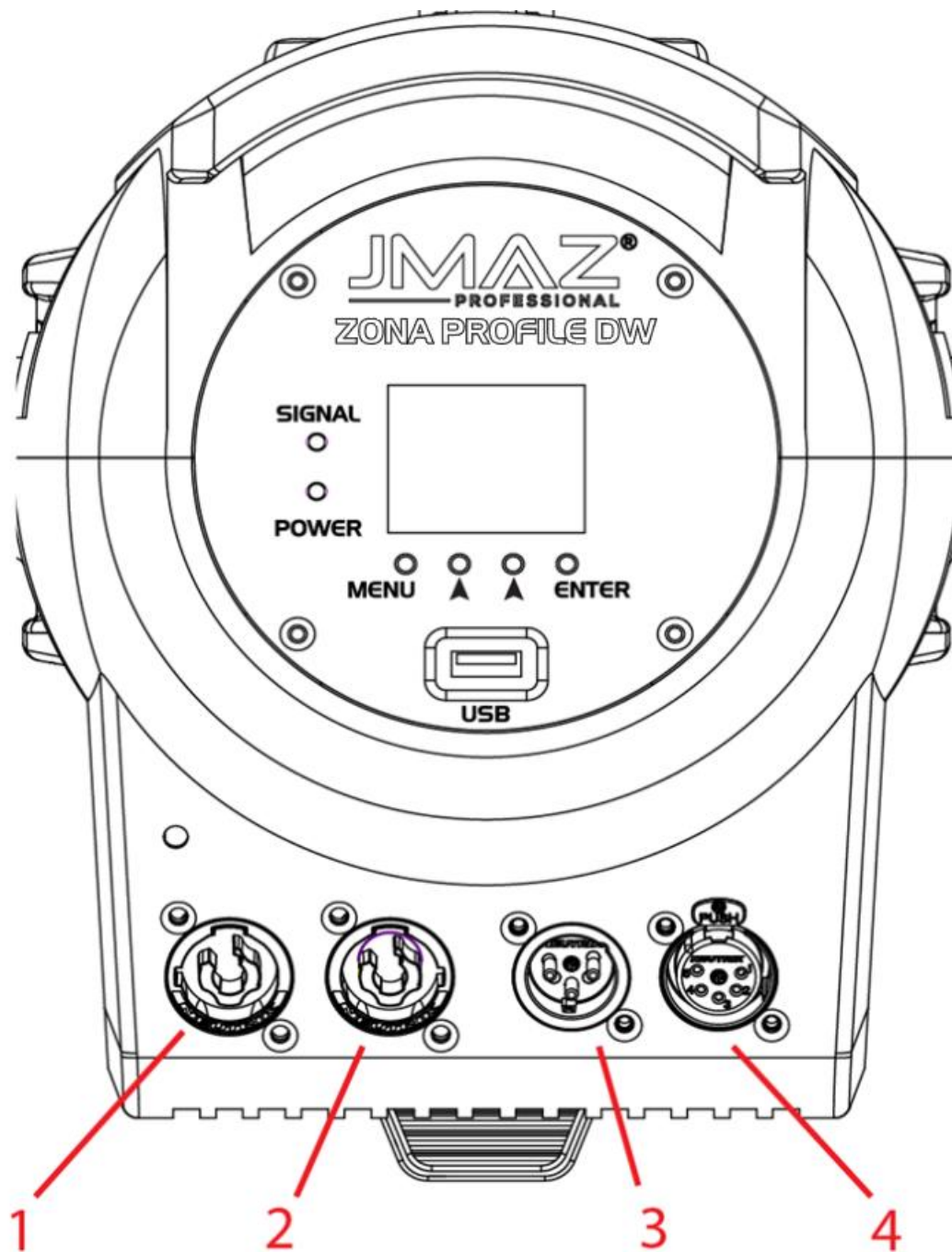
- Press the “MENU” button to cycle through the different Menus until you see “SETTING” on the screen.
- Press the “ENTER” button to enter the “SETTING” Menu.
- Press the “UP” and “DOWN” buttons to enter the different selections.
 - Host / Guest Mode - This sets the fixture to either Host or Guest mode to either control the Guest (Slave) fixtures, or follow the controls of the Host (Master) fixture.
 - 1CH Preset – Sets the Fixtures 1CH Mode to the specific Mode (CCT, or Manual Setting).
 - FREQ – Set the PWM Refresh Rate for the Fixture (800Hz – 25000Hz)
 - DIM Mode – Sets the Dimming Mode for the Fixture.
 - DimCurve – Sets the Dimming Curves for the fixture.
 - Red Shift – Sets the Fixture to have Red Shift “ON” or “OFF”
 - LossData – Setting the LossData to “HOLD” will keep the fixture in its last state if DMX Signal is lost. Setting the LossData to “OFF” will turn off the Light Sources if DMX Signal is lost.
 - FAN MODE - Controls fan operation behavior.
 - DISPLAYINVERT – Flips display orientation.
 - BACKLIGHT - Sets display backlight timeout.
 - LOCK – Setting the Lock Function on the Zona fixture will to automatically lock the Display Screen and the Zona Menu Buttons. Default Password to unlock the Zona Fixture: MENU, UP, DOWN, ENTER.
 - FACTORY RESET – Setting the Reset function will Reset the Zona fixture to the original Factory Settings.
 - AUTO TEST - Runs internal self-test sequence.
- Press the “ENTER” button to confirm your selection on the Menu options you have selected.
- Press the “MENU” button to exit the Settings Menu.

Info

- Press the MENU button until “INFO” appears.
- Press ENTER to enter the Info menu.
- Use the UP and DOWN buttons to view:
 - FIRMWARE – Version of Firmware currently installed on fixture.
 - FIX HRS – Total hours of usage for the fixture
 - LED HRS – Total hours of usage for the current session on the fixture.
 - UID – Shows UID for fixture.
 - TEMP – Shows current temperature of fixture.
- Press MENU to exit the Info menu.

Power and DMX Connections:

The Zona Profile DW features Two DMX Connections (DMX IN/DMX OUT), Two TRUE1 POWER Connections (POWER IN/POWER OUT).



1. TRUE1 POWER IN
2. TRUE1 POWER OUT
3. 5-PIN DMX IN
4. 5-PIN DMX OUT

Host/Guest Setup (Wired)

This feature enables the linking of multiple units in a Master-Slave setup, where one unit serves as the controlling unit (Master) and the others operate based on the Master unit's built-in programs. Any unit can be assigned the role of Master or Slave, but only one unit within the system can function as the Master.

Steps for Master-Slave Connections and Settings:

1. Connecting Units:
 - Daisy chain the units using the XLR connectors located on the rear panels. Standard XLR data cables are required for linking the units.
 - Remember that the male XLR connector serves as the input, while the female XLR connector serves as the output.
 - The first unit in the chain (Master) should use only the female XLR connector, while the last unit in the chain should use only the male XLR connector.
2. Setting Master and Slave Modes:
 - Use the display screen and control panel to navigate to Host / Guest Mode.
 - Select this sub-menu by pressing the Enter button, and use the arrow keys to toggle between "Host" and "Guest" Press Enter to confirm your selection.
3. Configuring All Units:
 - Repeat Step 2 for each unit in the system. Ensure that only one unit is designated as the Master, while all others are set as Slaves.
4. Operational Synchronization:
 - Slave units will now operate in accordance with the behavior of the Master unit.

DMX SET UP

DMX-512: DMX is short for Digital Multiplex. This is a universal protocol used 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 located on all DMX fixtures (most controllers only have a DATA “OUT” terminal).

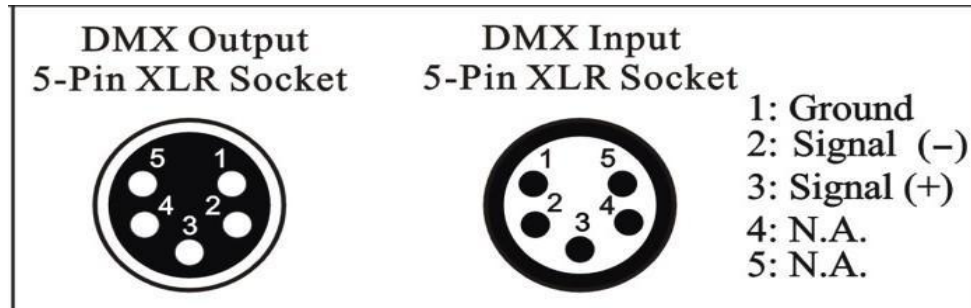
DMX Linking: DMX is a language allowing all makes and models of different manufacturers to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. To ensure proper DMX data transmission, try to use the shortest cable path possible when linking several DMX fixtures. 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. 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 located in the DMX chain.

Data Cable (DMX Cable) Requirements (For DMX Operation): This unit can be controlled via DMX512 protocol. The DMX address is set on the rear panel of the unit. Your unit and your DMX controller require a standard 5-pin XLR connector for data input and data output. We recommend Accu-Cable DMX cables. If you are making your own cables, be sure to use standard 110-120 Ohm shielded cable (This cable may be purchased at almost all pro lighting stores). Your cables should be made with a male XLR connector at one end and a female XLR connector at the other. Also remember that DMX cable must be daisy chained and cannot be split.

Notice: Be sure to follow the diagram below when making your 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 come into contact with the XLR’s outer casing. Grounding the shield could cause a short circuit and erratic behavior.

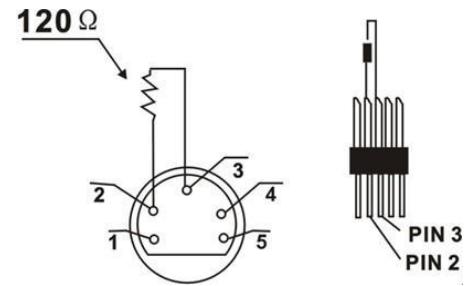
DMX-512 CONTROL CONNECTION

Connect the provided male side of the XLR cable to the female XLR output of your controller and the female side of the XLR cable to the male XLR input of the device. You can connect multiple devices together in a serial fashion. The cable needed should be two core, screened cable with XLR input and output connectors. Please refer to the diagram below.



DMX-512 CONNECTION WITH DMX TERMINATOR

For installations where the DMX cable has to run over a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal caused by electrical noise. The DMX terminator is an XLR plug with a 120 Ω resistor connected between pins 2 and 3, which is then plugged into the output (female) XLR socket of the last fixture in the chain. Please see illustrations below.



DEVICE DMX START ADDRESS SELECTION

All fixtures should be given a DMX starting address when using a DMX signal, so that the correct fixture responds to the correct control signals. This digital starting address is the channel number from which the fixture starts to “listen” to the digital control information sent out from the DMX controller. The allocation of this starting address is achieved by setting the correct address number on the display located on the base of the device.

You can set the same starting address for all fixtures or a group of fixtures or set different addresses for each fixture individually. If you set the same address on all devices, all the devices will start to “listen to” the same control signal from the same channel number. In other words, changing the settings of one channel will affect all the fixtures simultaneously.

If you set a different address, each unit will start to “listen to” the channel number you have set, based on the quantity of control channels of the unit. That means changing the settings of one channel will affect only the selected device.

DMX ADDRESSING.

All fixtures should be given a DMX starting address when using a DMX controller, so the correct fixture responds to the correct control signal. This digital starting address is the channel number from which the fixture starts to “listen” to the digital control signal sent out from the DMX controller. The assignment of this starting DMX address is achieved by setting the correct DMX address on the digital control display on the fixture.

You can set the same starting address for all fixtures or a group of fixtures or set different addresses for each individual fixture. Setting all fixtures to the same DMX address will cause all fixtures to react in the same way. In other words, changing the settings of one channel will affect all the fixtures simultaneously.

If you set each fixture to a different DMX address, each unit will start to “listen” to the channel number you have set, based on the quantity of DMX channels of each fixture. That means changing the settings of one channel will only affect the selected fixture.

For example, when this unit is operating in 11 channel mode, you should set the starting DMX address of the first unit to 1, the second unit to 12 ($1 + 11$), the third unit to 23 ($1 + 11 + 11$), and so on. See the chart below for more details.

CHANNEL MODE	UNIT 1 ADDRESS	UNIT 2 ADDRESS	UNIT 3 ADDRESS	UNIT 4 ADDRESS
1	1	2	3	4
3	1	4	7	10
4	1	5	9	13
8	1	9	17	25
11	1	12	23	34

DMX Channel Table

1CH Mode - Preset			
Channel	Value	Setting	Note
1	0-255	Dimmer of Preset 1: 0 - 100%	Preset 1 is set through System Menu in the Preset Color Options

3CH Mode - CCT			
Channel	Value	Setting	Note
1	0-255	Dimmer	0 - 100%
2	0	No Function	Please refer to the color temperature chart for details on actual CCT with its DMX Value (Pg.43)
	001-010	3200K	
	161-243	2700K - 7500K	
	244-255	5600K	
3	0	Shutter Open / Light On	
	001-101	Strobe Frequency from Slow to Fast	
	102-110	Shutter Open / Light On	
	111-211	Pulse Frequency from Slow to Fast	
	212-220	Shutter Open / Light On	
	221-254	Random Strobe	Strobe at Random Time Intervals
	255	Shutter Open / Light On	

4CH Mode - Simple			
Channel	Value	Setting	Note
1	0-255	Dimmer	0 - 100%
2	0-255	Warm White	0 - 100%
3	0-255	Cool White	0 - 100%
4	0	Shutter Open / Light On	
	001-101	Strobe Frequency from Slow to Fast	
	102-110	Shutter Open / Light On	
	111-211	Pulse Frequency from Slow to Fast	
	212-220	Shutter Open / Light On	
	221-254	Random Strobe	Strobe at Random Time Intervals
	255	Shutter Open / Light On	

8CH Mode - Direct			
Channel	Value	Setting	Note
1	0-255	Dimmer	0 - 100%
2	0-255	Warm White	0 - 100%
3	0-255	Cool White	0 - 100%
4	0	No Function	Please refer to the color temperature chart for details on actual CCT with its DMX Value (Pg.43)
	001-010	3200K	
	161-243	2700K - 7500K	
	244-255	5600K	
5	0	Shutter Open / Light On	
	001-101	Strobe Frequency from Slow to Fast	
	102-110	Shutter Open / Light On	
	111-211	Pulse Frequency from Slow to Fast	
	212-220	Shutter Open / Light On	
	221-254	Random Strobe	Strobe at Random Time Intervals
	255	Shutter Open / Light On	
6	000-009	S-Curve	
	010-019	Linear	
	020-029	Square	
	030-039	Inv-Square	
	040-255	Reserved	
7	000-009	Auto	Fan speed changes based on temperature of fixture
	010-019	Off	The fan will turn off, and the brightness of the fixture will decrease. If the lamp overheats, the fan will turn on (80 °C)
	20	Slow	Slow Fan Speed
	021-248	Linear Increase in Speed	The fan speed remains constant, and if the fixture overheats, the brightness will dim
	249	Fast	100% fan speed
	250-255	Auto	
8	0	No Function	The value effect will occur after 3 seconds
	001-010	Dimming Modes : Standard	
	011-020	Dimming Modes : Stage	
	021-030	Dimming Modes : TV	
	031-040	Dimming Modes : Architecture	
	041-050	Dimming Modes : Theater	
	051-060	Dimming Modes : Stage2	
	061-070	PWM : 1000Hz	
	071-080	PWM : 2000Hz	
	081-090	PWM : 3000Hz	
	091-100	PWM : 4000Hz	
	101-110	PWM : 6000Hz	
	111-120	PWM : 10000Hz	

	121-130	PWM : 12000Hz
	131-140	PWM : 15000Hz
	141-150	PWM : 20000Hz
	151-160	PWM : 25000Hz
	161-170	(Does Not Reset DMX CH Mode and DMX Address)
	171-255	Reserved

11CH Mode - CCT 16-bit			
Channel	Value	Setting	Note
1	0-255	Dimmer	0 - 100%
2	0-255	Fine Dimmer	0 - 100%
3	0-255	Warm White	0 - 100%
4	0-255	Fine Warm White	0 - 100%
5	0-255	Cool White	0 - 100%
6	0-255	Fine Cool White	0 - 100%
7	0	No Function	Please refer to the color temperature chart for details on actual CCT with its DMX Value (Pg.43)
	001-010	3200K	
	161-243	2700K - 7500K	
	244-255	5600K	
8	0	Shutter Open / Light On	
	001-101	Strobe Frequency from Slow to Fast	
	102-110	Shutter Open / Light On	
	111-211	Pulse Frequency from Slow to Fast	
	212-220	Shutter Open / Light On	
	221-254	Random Strobe	Strobe at Random Time Intervals
	255	Shutter Open / Light On	
9	000-009	S-Curve	
	010-019	Linear	
	020-029	Square	
	030-039	Inv-Square	
	040-255	Reserved	
10	000-009	Auto	Fan speed changes based on temperature of fixture
	010-019	Off	The fan will turn off, and the brightness of the lamp will decrease. If the lamp overheats, the fan will turn on (80 °C)
	20	Slow	Slow Fan Speed
	021-248	Linear Increase in Speed	The fan speed remains constant, and if the fixture overheats, the brightness will dim
	249	Fast	100% fan speed
	250-255	Auto	
11	0	No Function	The channel value remains effective for 3 seconds
	001-010	Dimming Modes : Standard	
	011-020	Dimming Modes : Stage	
	021-030	Dimming Modes : TV	
	031-040	Dimming Modes : Architecture	
	041-050	Dimming Modes : Theater	
	051-060	Dimming Modes : Stage2	
	061-070	PWM : 1000Hz	
	071-080	PWM : 2000Hz	
	081-090	PWM : 3000Hz	

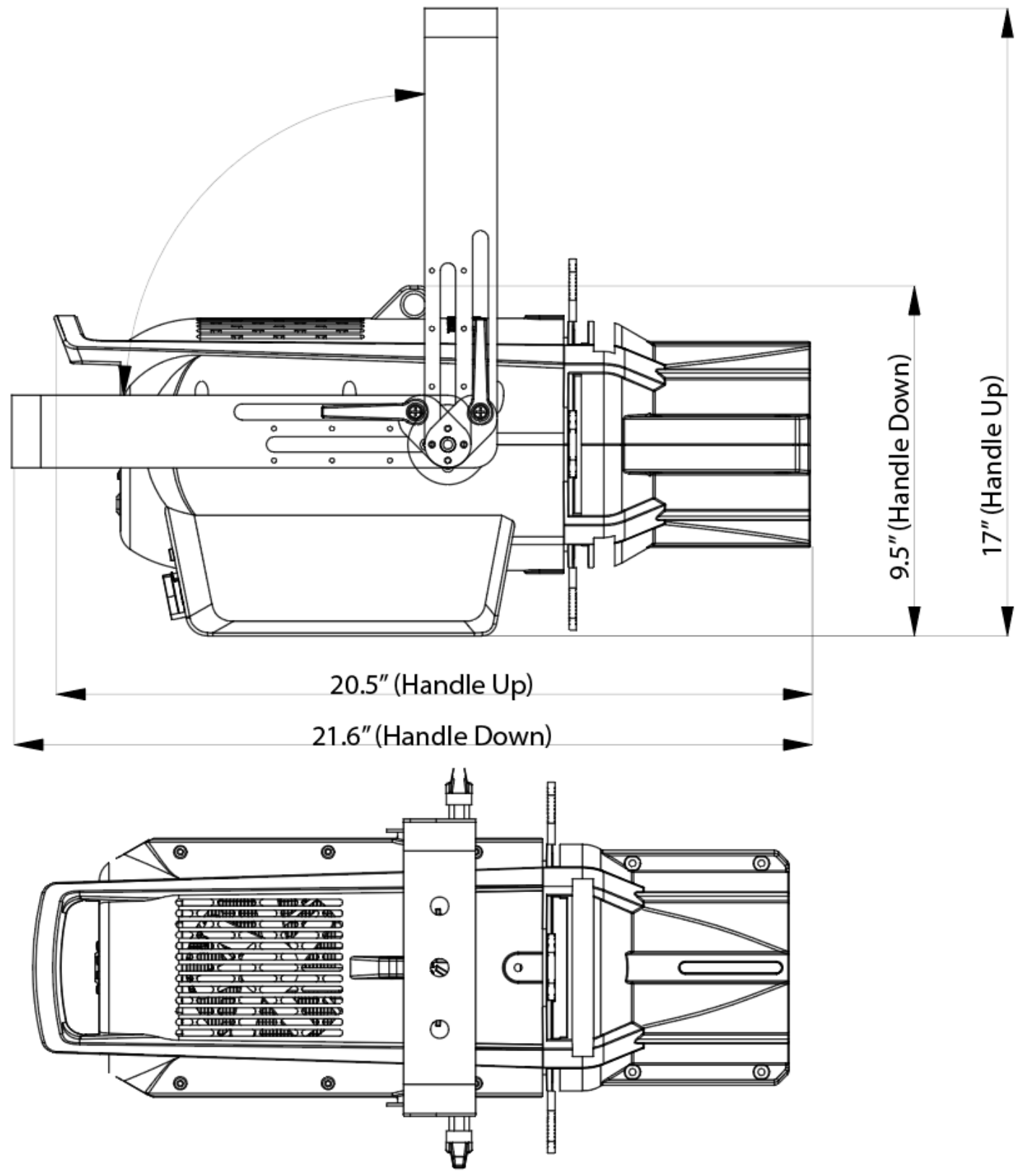
	091-100	PWM : 4000Hz
	101-110	PWM : 6000Hz
	111-120	PWM : 10000Hz
	121-130	PWM : 12000Hz
	131-140	PWM : 15000Hz
	141-150	PWM : 20000Hz
	151-160	PWM : 25000Hz
		Reset
	161-170	(Does Not Reset DMX CH Mode and DMX Address)
	171-255	Reserved

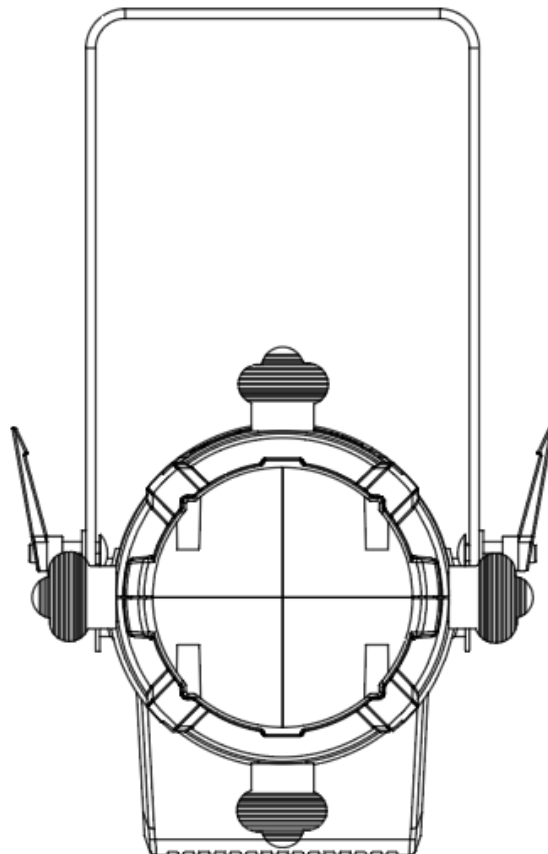
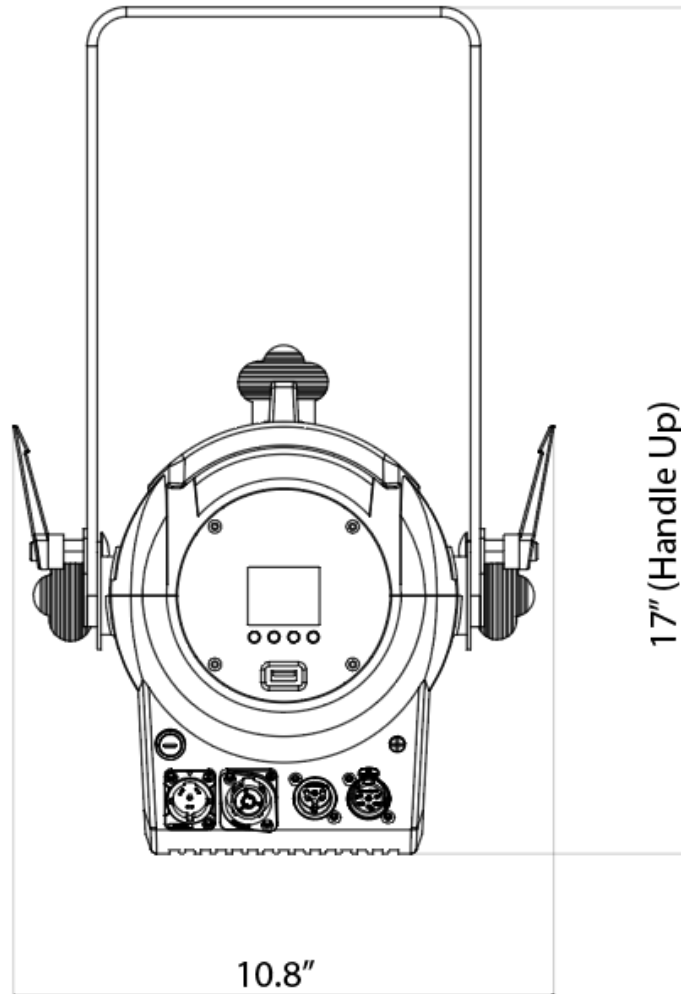
CCT Values:

DMX	CCT	DMX	CCT	DMX	CCT	DMX	CCT
1	3200	65	4050	129	5650	193	7250
2	3200	66	4075	130	5675	194	7275
3	3200	67	4100	131	5700	195	7300
4	3200	68	4125	132	5725	196	7325
5	3200	69	4150	133	5750	197	7350
6	3200	70	4175	134	5775	198	7375
7	3200	71	4200	135	5800	199	7400
8	3200	72	4225	136	5825	200	7425
9	3200	73	4250	137	5850	201	7450
10	3200	74	4275	138	5875	202	7475
11	2700	75	4300	139	5900	203	7500
12	2725	76	4325	140	5925	204	5600
13	2750	77	4350	141	5950	205	5600
14	2775	78	4375	142	5975	206	5600
15	2800	79	4400	143	6000	207	5600
16	2825	80	4425	144	6025	208	5600
17	2850	81	4450	145	6050	209	5600
18	2875	82	4475	146	6075	210	5600
19	2900	83	4500	147	6100	211	5600
20	2925	84	4525	148	6125	212	5600
21	2950	85	4550	149	6150	213	5600
22	2975	86	4575	150	6175	214	5600
23	3000	87	4600	151	6200	215	5600
24	3025	88	4625	152	6225	216	5600
25	3050	89	4650	153	6250	217	5600
26	3075	90	4675	154	6275	218	5600
27	3100	91	4700	155	6300	219	5600
28	3125	92	4725	156	6325	220	5600
29	3150	93	4750	157	6350	221	5600
30	3175	94	4775	158	6375	222	5600
31	3200	95	4800	159	6400	223	5600
32	3225	96	4825	160	6425	224	5600
33	3250	97	4850	161	6450	225	5600
34	3275	98	4875	162	6475	226	5600
35	3300	99	4900	163	6500	227	5600
36	3325	100	4925	164	6525	228	5600
37	3350	101	4950	165	6550	229	5600
38	3375	102	4975	166	6575	230	5600

39	3400	103	5000	167	6600	231	5600
40	3425	104	5025	168	6625	232	5600
41	3450	105	5050	169	6650	233	5600
42	3475	106	5075	170	6675	234	5600
43	3500	107	5100	171	6700	235	5600
44	3525	108	5125	172	6725	236	5600
45	3550	109	5150	173	6750	237	5600
46	3575	110	5175	174	6775	238	5600
47	3600	111	5200	175	6800	239	5600
48	3625	112	5225	176	6825	240	5600
49	3650	113	5250	177	6850	241	5600
50	3675	114	5275	178	6875	242	5600
51	3700	115	5300	179	6900	243	5600
52	3725	116	5325	180	6925	244	5600
53	3750	117	5350	181	6950	245	5600
54	3775	118	5375	182	6975	246	5600
55	3800	119	5400	183	7000	247	5600
56	3825	120	5425	184	7025	248	5600
57	3850	121	5450	185	7050	249	5600
58	3875	122	5475	186	7075	250	5600
59	3900	123	5500	187	7100	251	5600
60	3925	124	5525	188	7125	252	5600
61	3950	125	5550	189	7150	253	5600
62	3975	126	5575	190	7175	254	5600
63	4000	127	5600	191	7200	255	5600
64	4025	128	5625	192	7225		

CAD Drawing





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 the external lens surface regularly 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 JMAZ service technician. Should you need any spare parts, please order genuine parts from your local JMAZ dealer.

Please refer to the following points during routine inspections:

- A. 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.
- B. 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.
- C. 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).
- D. Electric power supply cables must not show any damage, material fatigue, or sediments.

NEVER remove the ground prong from the power cable.

SOFTWARE UPDATES

For software updates, please contact JMAZ service to obtain the latest firmware and detailed instructions. Refer to the Introduction section of this manual for contact information.



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