



# JOLT BAR FXIP

User Manual

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**ADJ PRODUCTS LLC World Headquarters**

6122 S. Eastern Ave. | Los Angeles, CA 90040 USA  
 Tel: 800-322-6337 | [www.adj.com](http://www.adj.com) | [lsupport@adj.com](mailto:lsupport@adj.com)

**ADJ Supply Europe B.V.**

Junostraat 2 | 6468 EW Kerkrade | Netherlands  
 Tel: +31 45 546 85 00 | [www.adj.eu](http://www.adj.eu) | [support@adj.eu](mailto:support@adj.eu)

**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](http://www.adj.com) for the latest revision/update of this manual before beginning installation and/or programming.**

| Date       | Document Version | Software Version | DMX Channels  | Notes   |
|------------|------------------|------------------|---|---|
| 01/26/2024 | 1.0              | 1.0              | 6/9/13/16/18/32/38/43/64/78/112/127                 | Initial Release   |
| 08/05/2024 | 1.1              | N/C              | 6/9/13/16/18/20/32/34/38/43/45/64/78/80/112/127/129 | Updated System Menu, DMX Setup, DMX Traits, Color Temperature Table, Specifications, Dimensional Drawings; Added Optional Accessories |
| 08/15/2024 | 1.2              | 1.02             | No Change   | Updated System Menu, DMX Traits, Color Temperature  |
| 03/25/2026 | 1.3              | N/C              | No Change   | Updated Included Items  |
| 04/17/2026 | 1.4              | N/C              | No Change   | Updated: General Info, Torque Settings for Screws, Multi Unit Power Linking, Specifications   |

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# GENERAL INFORMATION

## INTRODUCTION

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

## UNPACKING

This 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 appears to be damaged, carefully inspect the device for damage and be sure all accessories necessary to 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 at the number listed below. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

## CUSTOMER SUPPORT

Contact ADJ Service for any product related service and support needs. Also visit [forums.adj.com](https://forums.adj.com) with questions, comments or suggestions.

**Parts:** To purchase parts online visit:

<http://parts.adj.com> (US)

<http://www.adjparts.eu> (EU)

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

Voice: 800-322-6337 | [support@adj.com](mailto:support@adj.com)

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

Voice: +31 45 546 85 60 | [support@adj.eu](mailto:support@adj.eu)

## ADJ PRODUCTS LLC USA

6122 S. Eastern Ave. Los Angeles, CA. 90040

323-582-2650 | [www.adj.com](http://www.adj.com) | [info@adj.com](mailto:info@adj.com)

## ADJ SUPPLY Europe B.V

Junostraat 2 6468 EW Kerkrade, The Netherlands

+31 (0)45 546 85 00 | [www.adj.eu](http://www.adj.eu) | [info@adj.eu](mailto:info@adj.eu)

## ADJ PRODUCTS GROUP Mexico

AV Santa Ana 30 Parque Industrial Lerma, Lerma, Mexico 52000

+52 (728) 282-7070

## LIMITED WARRANTY

For up-to-date warranty information regarding your device, please visit ADJ's warranty information page online or scan the QR codes below.



USA: <https://www.adj.com/pages/warranty-information>



EU: [https://www.adj.eu/terms\\_and\\_conditions](https://www.adj.eu/terms_and_conditions)

It is strongly recommended to power the fixture down completely when not in use. Doing so will reduce wear on the fixture due to sustained or extended operational periods, thereby maximizing its operational lifespan.

# FEATURES

The ADJ Jolt Bar FXIP features a central strip of 112 x 5-Watt cool white SMD LEDs, surrounded on both sides by a total of 448 x .5-Watt RGB color mixing SMD LEDs. This allows the same fixture to generate intense white strobing as well as colored washes and strobe effects. Both types of LED are grouped into independently controllable zones (16 white and 32 color), which means the unit can also be used to generate strobe chases and other 'eye candy' effects.

- 32 x RGB LED Zones
- 16 x Cool White LED Zones
- 25 Built-in RGB LED Program Macros
- 9 Built-in Cool White LED Program Macros
- 180 degree mounting bracket system
- IP65-rated (for temporary outdoor use)
- Aria X2 Wireless DMX Built-in
- Frost Lens Assembly
- Includes Alignment Bracket to attached units together

## INCLUDED ITEMS:

- 1x IP65 locking power cable (6ft. / 1.83m)
- 1x Frost Filter
- 2x Omega Receiver Brackets (Omega Clamps sold separately)

# IP65 RATED

The **International Protection (IP)** rating system is commonly expressed as “**IP**” (Ingress Protection) followed by two numbers (i.e. IP65), where the numbers define the degree of protection. The first digit (Foreign Bodies Protection) indicates the extent of protection against particles entering the fixture, and the second digit (Water Protection) indicates the extent of protection against water entering the fixture. An **IP65** rated lighting fixture is designed and tested to protect against the ingress of dust (6), and low-pressure water jets from any direction (5).

**NOTE: THIS FIXTURE IS INTENDED FOR TEMPORARY OUTDOOR USE ONLY!**

**Maritime/Coastal Environment Installations:** A coastal environment is seaside adjacent, and caustic to electronics through exposure to atomized salt-water and humidity, whereas maritime is anywhere within 5-miles of a coastal environment.



**NOT suitable for maritime/coastal environment installations. Installing this fixture in a maritime/coastal environment may cause corrosion and/or excessive wear to the interior and/or exterior components of the fixture. Damages and/or performance issues resulting from installation in a maritime/coastal environment will void the manufacturer’s warranty, and will NOT be subject to any warranty claims and/or repairs.**

Maritime installations require additional preparation, and additional service intervals may be needed given the maritime use. In general, IP ratings presuppose freshwater conditions VS maritime conditions, which are typically more “caustic” to IP fixtures (both internally and externally). A duty-cycle may also be needed when units are not in use. During times of high humidity and colder temperatures, condensation may occur internally so the fixture may require a duty-cycle to bring it up to running temperature, allowing any accumulation of moisture to be expelled via the vent valve. Recommendations can change based on installation environmental circumstances. A waterproof dome or similar device is recommended for use in permanent outdoor installations. When using a dome, refer to manufacturer recommendations for duty-cycle.

**NOTE: NOT ALL FEATURES LISTED ARE AVAILABLE ON ALL FIXTURES; THE FOLLOWING INSTRUCTIONS MAY NOT APPLY. CONTACT SUPPORT FOR ADDITIONAL DETAILS.**

**Exterior Maintenance:** Inspect the exterior every 30-days. The unit must be powered off/disconnected. Inspect optics to determine if the lens is obstructed, then clean optics and chassis accordingly. Based on initial finding, schedule maintenance accordingly, keeping in mind that exterior maintenance will be required. Even if the luminaires are NOT in use, maintenance will still be needed given its location (exterior use). The use of a durable type of wax on the chassis is recommended since it will help prevent contaminant build up. Inspect both power and data lines for any signs of contaminants or corrosion. Periodically reapply di-electric grease, especially in coastal environments. If any signs of corrosion/contaminants are present, clean thoroughly, and/or replace connectors, then reapply di-electric grease. Typically, this should be done annually, or any time an opportunity presents itself. As a preventive measure, annual replacement of both vent valves is recommended. The vent valve membrane can become contaminated and/or clogged causing improper venting of humidity within the luminaire. Inspect all mounting hardware as a precaution.

**Interior Maintenance:** Inspect the interior every 30-days. The unit must be powered off/disconnected.

- Inspect zoom/focus mechanism, clean optics, lubricate linear bearings (Krytox oil) as needed, inspect belts for wear
- Inspect all rotating effect wheels, manually rotate them, note any resistance
- Inspect all remaining rotating belts for any wear
- Inspect all fans, clean as needed, check rotation, check connections
- Inspect CMY module, manually move flags and check for signs of resistance, and if needed, clean guide rods first, then reapply a thin layer of grease (moly lube)
- Clean interior with low-volume compressed air, then clean optics prior to reassembly of head covers

Although the base has limited moving parts, the pan belt should also be inspected for wear. Remember to always perform an IP test anytime a cover is removed.

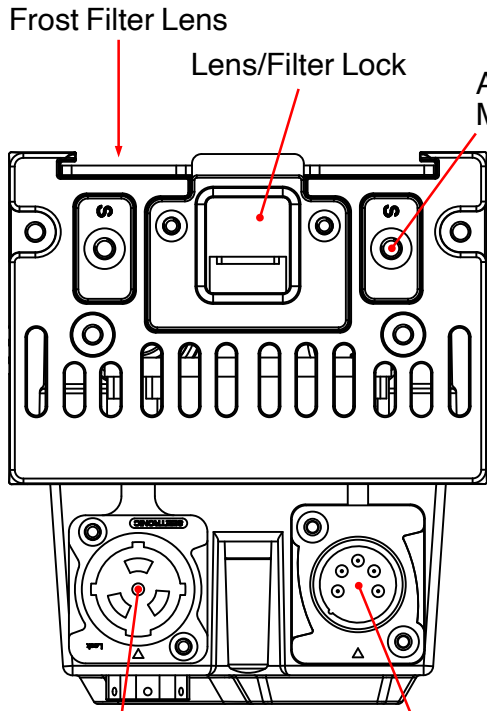
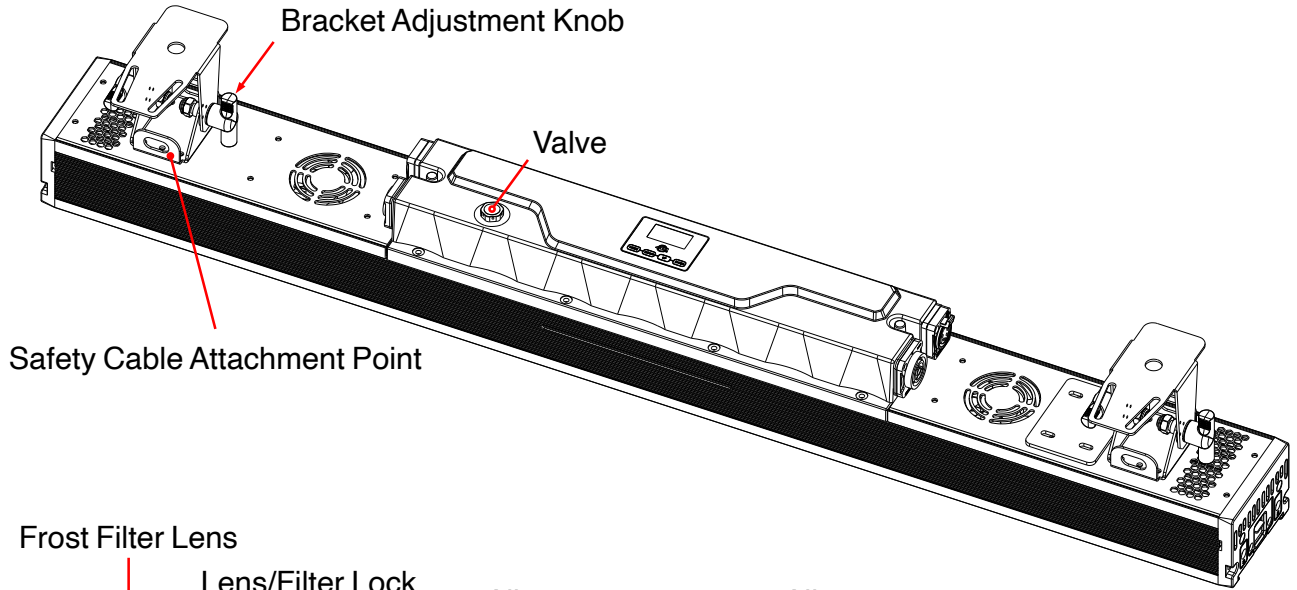
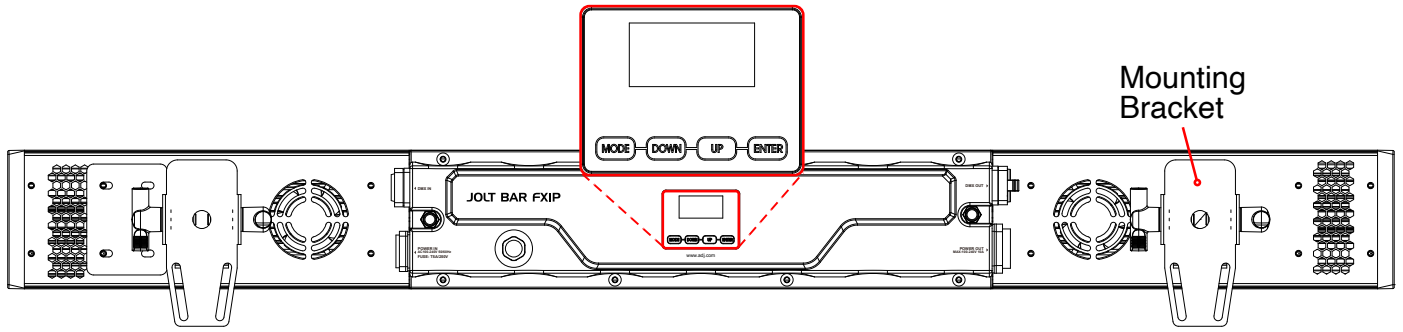
There is no specific time frame regarding the routine replacement of parts such as belts/stepper motors, PCBs, or LEDs. These items should only be replaced on an as needed bases, except for cooling fans, which should be replaced once the luminaries reach 10,000-hours. This is a prophylactic measure intended to keep the unit running as cool as possible, insuring proper function of all internal components. A complete service breakdown is available, please contact [service@adj.com](mailto:service@adj.com) for any needed parts or manuals.

# SAFETY GUIDELINES

**THIS FIXTURE IS COMPOSED OF SOPHISTICATED ELECTRONIC COMPONENTS. TO GUARANTEE 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 FIXTURE DUE TO THE DISREGARD OF THE INFORMATION PRINTED IN THIS MANUAL. ONLY QUALIFIED AND/OR CERTIFIED PERSONNEL SHOULD PERFORM INSTALLATION OF THIS FIXTURE AND ONLY THE ORIGINAL RIGGING PARTS INCLUDED WITH THIS FIXTURE SHOULD BE USED FOR INSTALLATION. ANY MODIFICATIONS TO THE FIXTURE AND/OR THE INCLUDED MOUNTING HARDWARE WILL VOID THE ORIGINAL MANUFACTURER'S WARRANTY AND INCREASE THE RISK OF DAMAGE AND/OR PERSONAL INJURY. ONLY CERTIFIED PERSONNEL SHOULD PERFORM INSTALLATION OF THIS FIXTURE.**

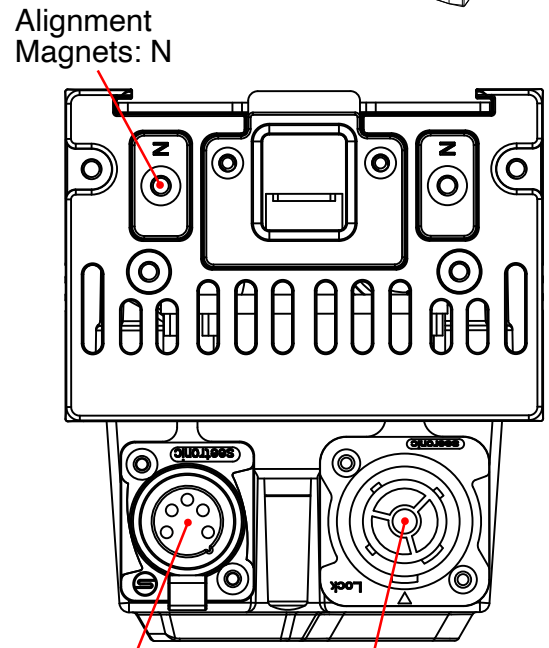
- PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED.
- THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT.
- DO NOT ATTEMPT ANY REPAIRS YOURSELF; DOING SO WILL VOID YOUR MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS FIXTURE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURER'S WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/OR REPAIRS.
- DO NOT PLUG FIXTURE INTO A DIMMER PACK!
- NEVER OPEN THIS FIXTURE WHILE IN USE!
- UNPLUG POWER BEFORE SERVICING FIXTURE!
- NEVER TOUCH FIXTURE DURING OPERATION, AS IT MAY BE HOT!
- KEEP FLAMMABLE MATERIALS AWAY FROM FIXTURE!
- NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE!
- RETINA INJURY RISK - MAY INDUCE BLINDNESS!
- SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!
- INDOOR / DRY LOCATIONS USE ONLY!
- DO NOT EXPOSE FIXTURE TO RAIN AND MOISTURE!
- MINIMUM DISTANCE TO OBJECTS/SURFACES IS 6.6 FEET (2 METERS)
- MINIMUM DISTANCE TO FLAMMABLE MATERIALS FROM THE SURFACE IS 1.6 FEET (0.5 METER).
- DO NOT TOUCH the fixture housing during operation. Turn OFF the power and allow approximately 60 minutes for the fixture to cool down before serving.
- DO NOT shake fixture, and avoid brute force when installing and/or operating fixture.
- DO NOT operate fixture if the power cord is frayed, crimped, damaged and/or if any of the power cord connectors are damaged and do not insert into the fixture securely with ease. NEVER force a power cord connector into the fixture. If the power cord or any of its connectors are damaged, replace it immediately with a new one of the same power rating.
- DO NOT block any air ventilation slots. All fan and air inlets must remain clean and never blocked. Allow approx. 6" (15cm) between fixture and other devices or a wall for proper cooling.
- When installing fixture in a suspended environment, always use mounting hardware that is no less than M10 x 25 mm, and always install fixture with an appropriately rated safety cable.
- Always disconnect fixture from main power source before performing any type of service and/or cleaning procedure.
- Only handle the power cord by the plug end. Never pull out the plug by tugging the wire portion of the cord.
- During the initial operation of this fixture, a light smoke or smell may emit from the interior of the fixture. This is a normal process and is caused by excess paint in the interior of the casing burning off from the heat associated with the lamp and will decrease gradually over time.
- Consistent operational breaks will ensure fixture will function properly for many years.
- Only use original packaging and materials to transport the fixture in for service.

# OVERVIEW



POWER IN  
AC100-240V 50/60Hz  
FUSE: T5A/250V

DMX IN



DMX OUT

POWER OUT  
MAX: 100-240V 8A

# TORQUE SETTINGS FOR SCREWS

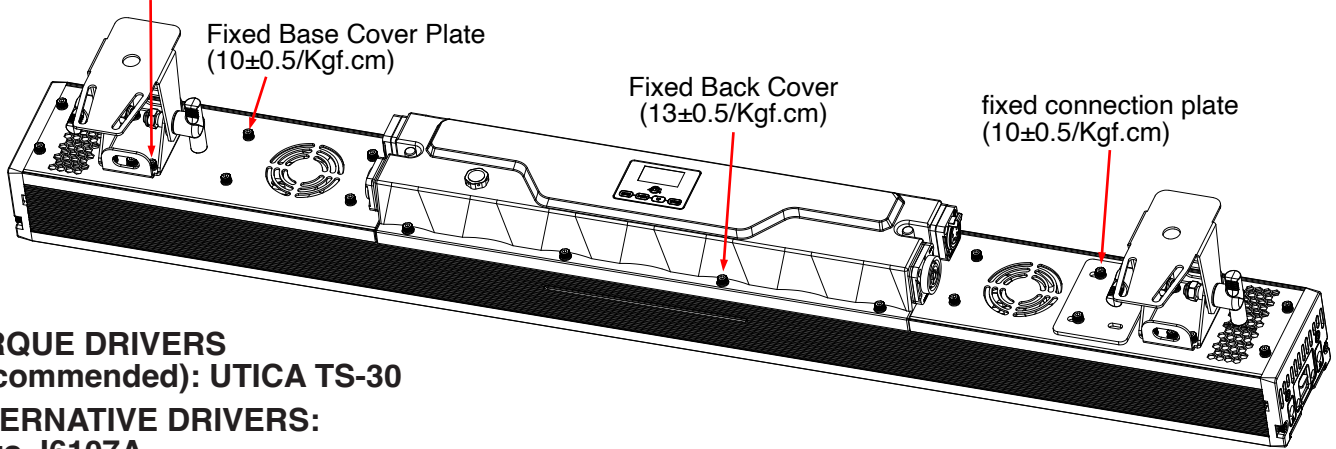
**ALL SCREWS MUST BE TIGHTENED WITH A TORQUE DRIVER.** All screws are Allen Head screws. Please see below for screw locations.

Fixed Bracket Assembly  
(10±0.5/Kgf.cm)

Fixed Base Cover Plate  
(10±0.5/Kgf.cm)

Fixed Back Cover  
(13±0.5/Kgf.cm)

fixed connection plate  
(10±0.5/Kgf.cm)

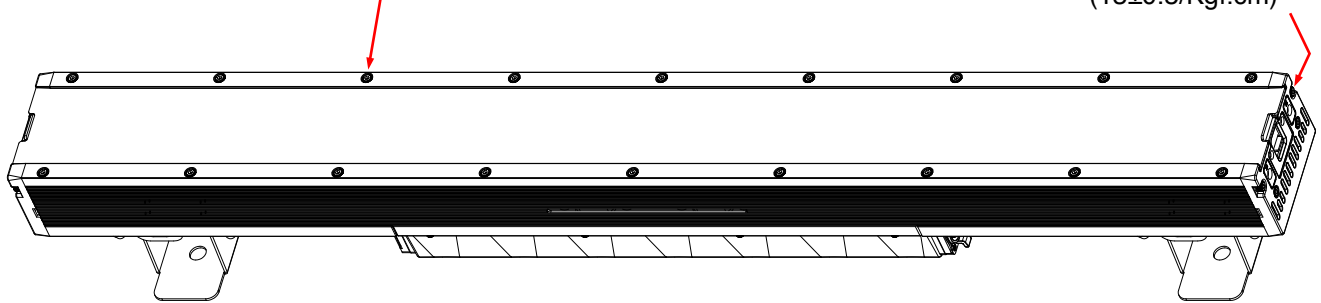


**TORQUE DRIVERS**  
(Recommended): UTICA TS-30

**ALTERNATIVE DRIVERS:**  
Proto J6107A  
Wiha 28887

fixed pressure strip  
(13±0.5/Kgf.cm)

Fixed Side Cover  
(13±0.5/Kgf.cm)



**CAUTION! DO NOT OVER TORQUE SCREWS AS THIS CAN CAUSE LEAKAGE ISSUES! TO CONFIRM THE IP65 INTEGRITY AFTER MAINTENANCE, TEST THE FIXTURE USING THE ADJ IP TESTER. CONTACT ADJ SERVICE FOR MORE DETAILS.**

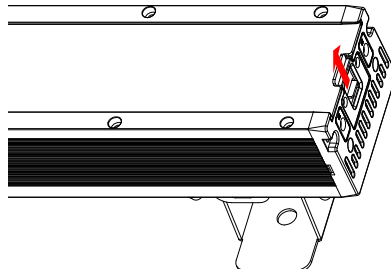
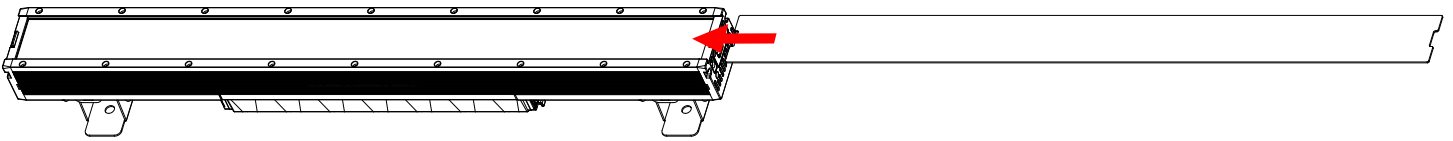
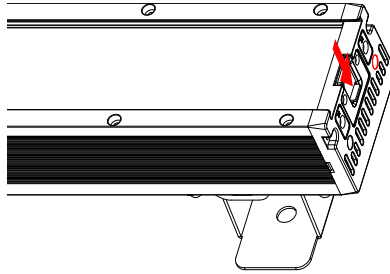
| Testing Parameters |                  |                |                  |              |              |
|--------------------|------------------|----------------|------------------|--------------|--------------|
| Minimum Pressure   | Maximum Pressure | Inflation Time | Equilibrium Time | Testing Time | Leakage Rate |
| 20 kPa             | 23 kPa           | 30 s           | 15 s             | 15 s         | < 100 Pa     |

IF IN THE UNLIKELY EVENT THAT A PRESSURIZED FIXTURE RESULTS IN CATASTROPHIC LENS FAILURE, EYE PROTECTION MUST BE WORN AT ALL TIMES WHEN USING ADJ IP TESTER, ESPECIALLY WITH FIXTURES FEATURING LARGE GLASS LENSES. ALSO, TO PROTECT HANDS FROM ANY SHARP FRANGIBLE MATERIAL, THE USE OF CUT RESISTANT GLOVES IS ALSO HIGHLY RECOMMENDED.



# LENS INSTALLATION

Locate Frost Filter Lens Lock and press down to unlock it. Carefully slide Frost Filter Lens into the Lens Slots. Once in place, secure the Frost Filter Lens by pressing upwards to relock it.



# INSTALLATION GUIDELINES



## **FLAMMABLE MATERIAL WARNING**

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



## **ELECTRICAL CONNECTIONS**

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



**MINIMUM DISTANCE TO OBJECTS/SURFACES IS 6.6 FEET (2 METERS).**

**MINIMUM DISTANCE OF INFLAMMABLE MATERIALS FROM THE SURFACE IS 1.6 FEET (0.5 METERS).**

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

- Fixture **MUST** be installed following all local, national, and country commercial electrical and construction codes and regulations.
- Before rigging/mounting a single fixture or multiple fixtures to any metal truss/structure or placing the fixture(s) on any surface, a professional equipment installer **MUST** be consulted to determine if the metal truss/structure or surface is properly certified to safely hold the combined weight of the fixture(s), clamps, cables, and accessories.
- Maximum ambient operating temperature is **113°F (45°C)**. Do not use fixture when ambient temperature exceeds this value.
- Fixture(s) should be installed outside walking paths, seating areas, or areas where unauthorized personnel might reach the fixture by hand.
- **NEVER** stand directly below the fixture(s) when rigging, removing, or servicing.
- Overhead fixture installation must always be secured with a secondary safety attachment, such as an appropriately rated safety cable.
- Allow approximately 60 minutes for the fixture to cool down before servicing.

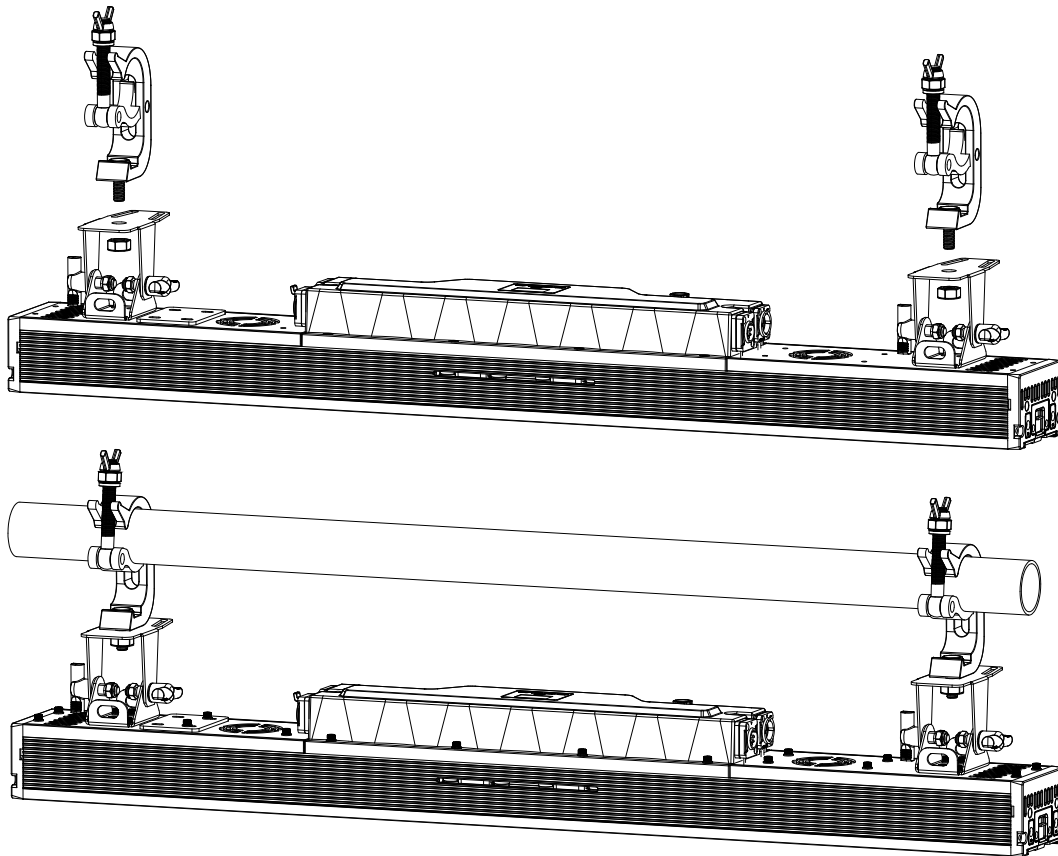
## **RIGGING**

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

# INSTALLATION GUIDELINES

## CLAMP INSTALLATION

This fixture features a brackets for the attachment of a mounting clamp. There is also a safety cable loop located on the heatsink rear of encased controller). When mounting the fixture to a truss or any other suspended or overhead installation, be sure to secure appropriately rated clamps (not included) to the yoke, and attach a separate SAFETY CABLE of the appropriate weight rating to the safety cable loop.



### SAFETY CABLE:

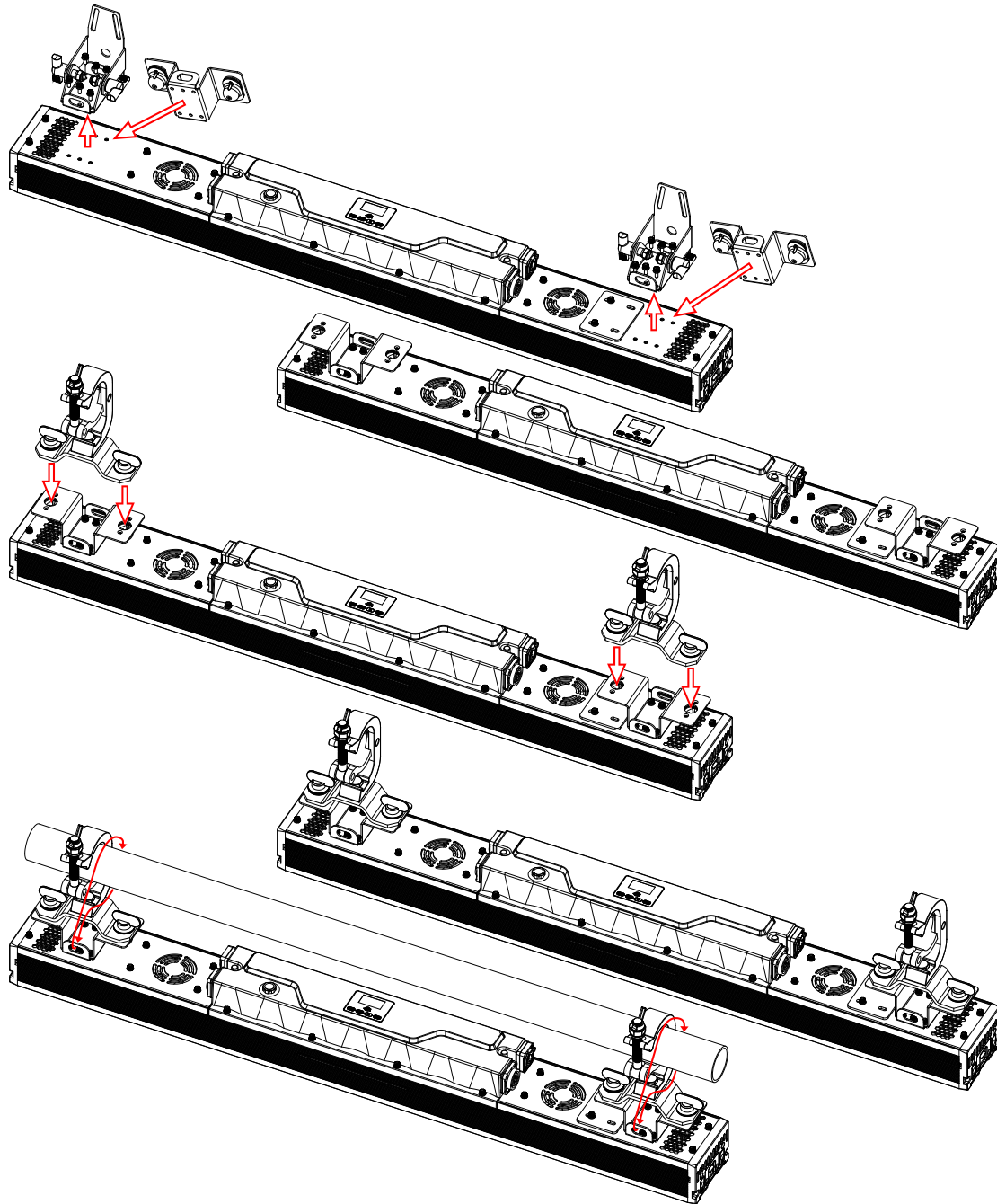


**ALWAYS ATTACH A SAFETY CABLE WHENEVER INSTALLING THIS FIXTURE IN A SUSPENDED ENVIRONMENT TO ENSURE THAT THE FIXTURE WILL NOT FALL IF THE CLAMPS FAIL.**

# INSTALLATION GUIDELINES

## OMEGA BRACKETS INSTALLATION

Remove adjustable brackets and replace them with Omega Receiver Brackets. Insert the Omega Brackets into the matching holes on the Omega Receiver Brackets. Secure the Omega Brackets by turning each quick-lock fastener ¼ turn clockwise; making sure the fastener is completely locked.



## 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**

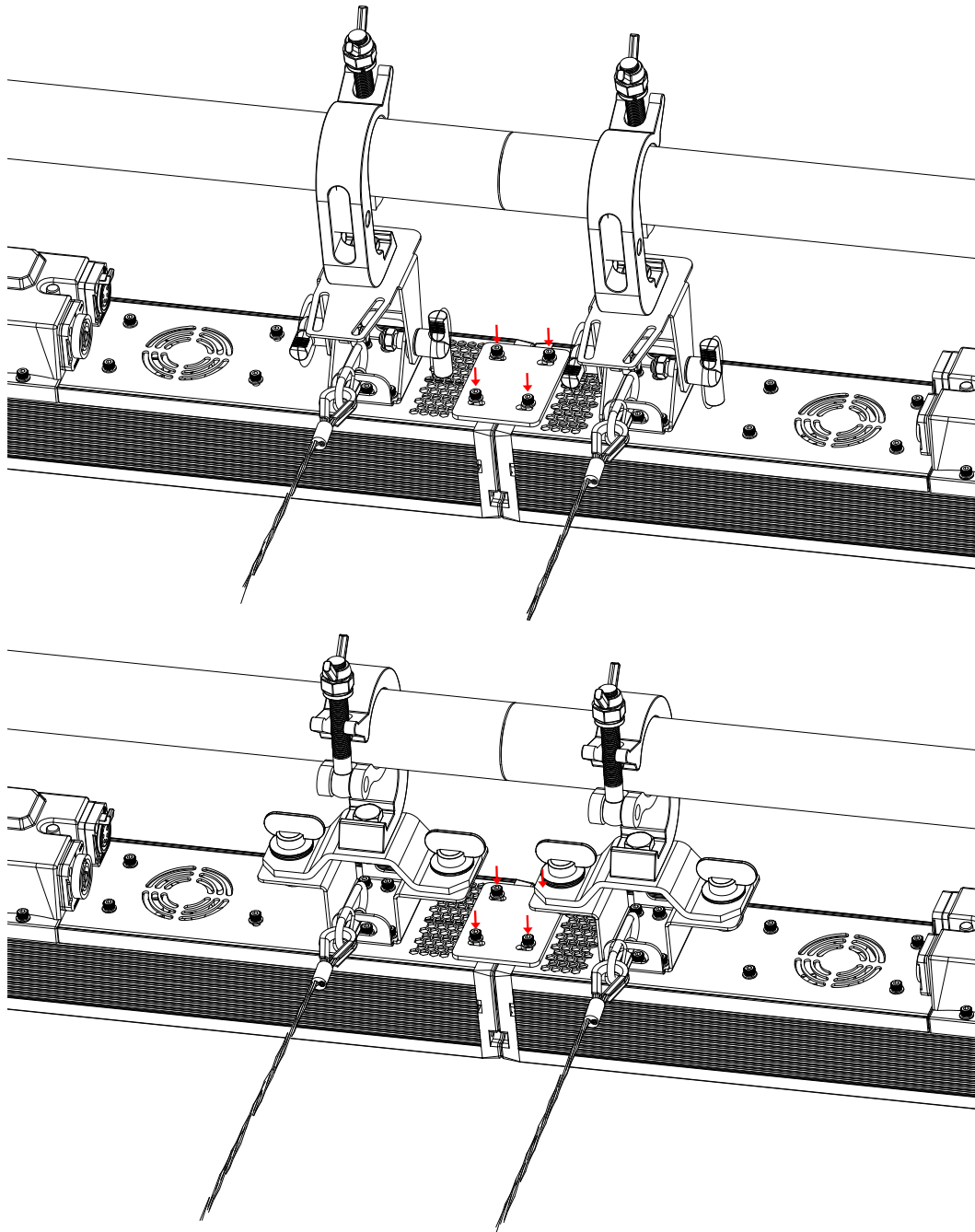
When mounting fixture to truss, be sure to secure an appropriately rated professional grade rigging clamp to the included **Omega Brackets** using an M10 screw fitted through the center hole of the **Omega Brackets**. The fixture provides built-in rigging points for a **SAFETY CABLE** (not included). 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

## CONNECTOR PLATE:

Each unit includes a connector plate that can be used to secure two adjacent mounted units together. To install the connector plate, follow the directions below:

Place the connector plate across the gap between the two units, making sure to align the plate with the four (4) screw holes. Reinstall the four (4) screws that secure the connector plate in place, as well as the two (2) additional screws that held the connector plate in its storage position. The installation is now complete.

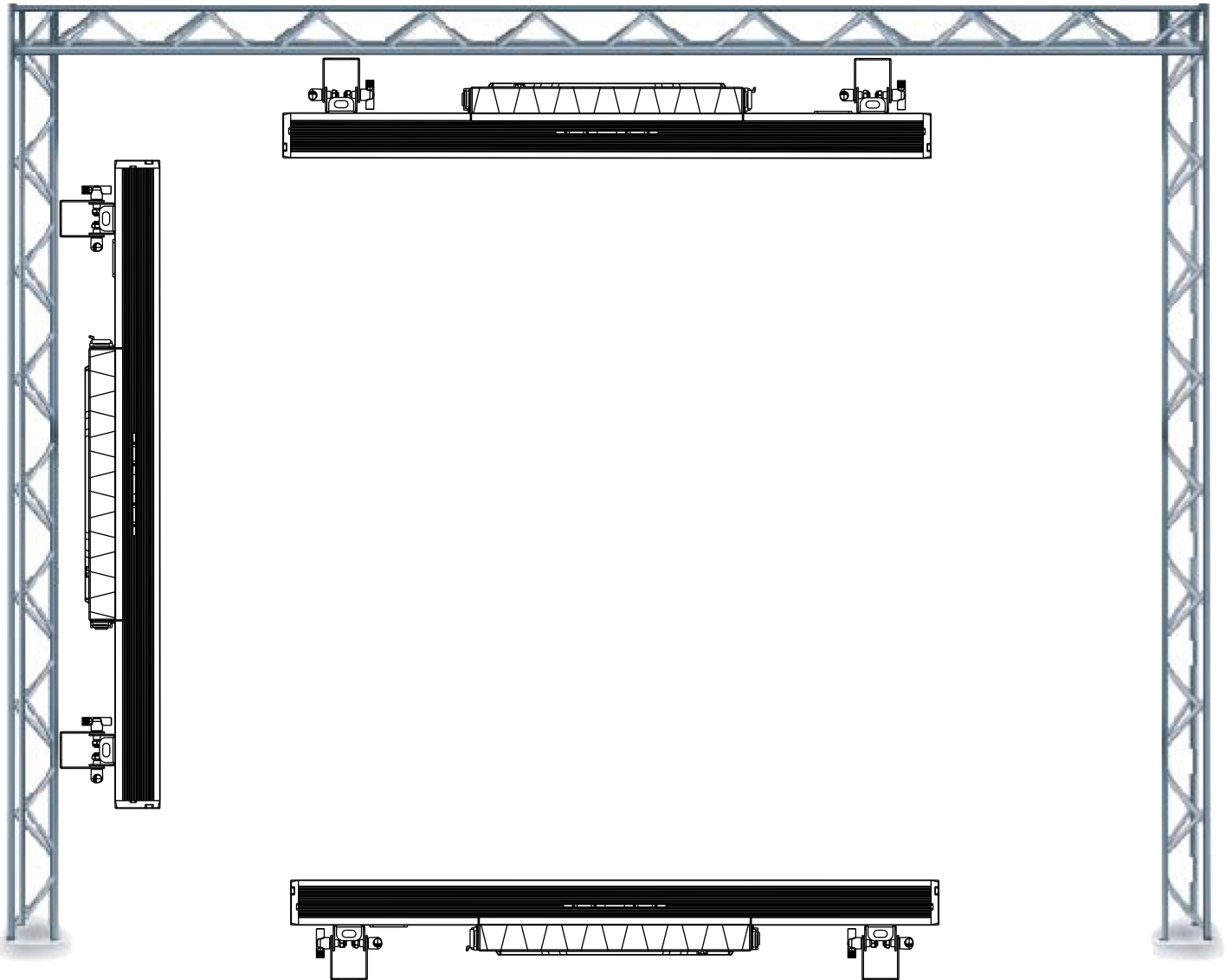


# INSTALLATION GUIDELINES

## 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.**

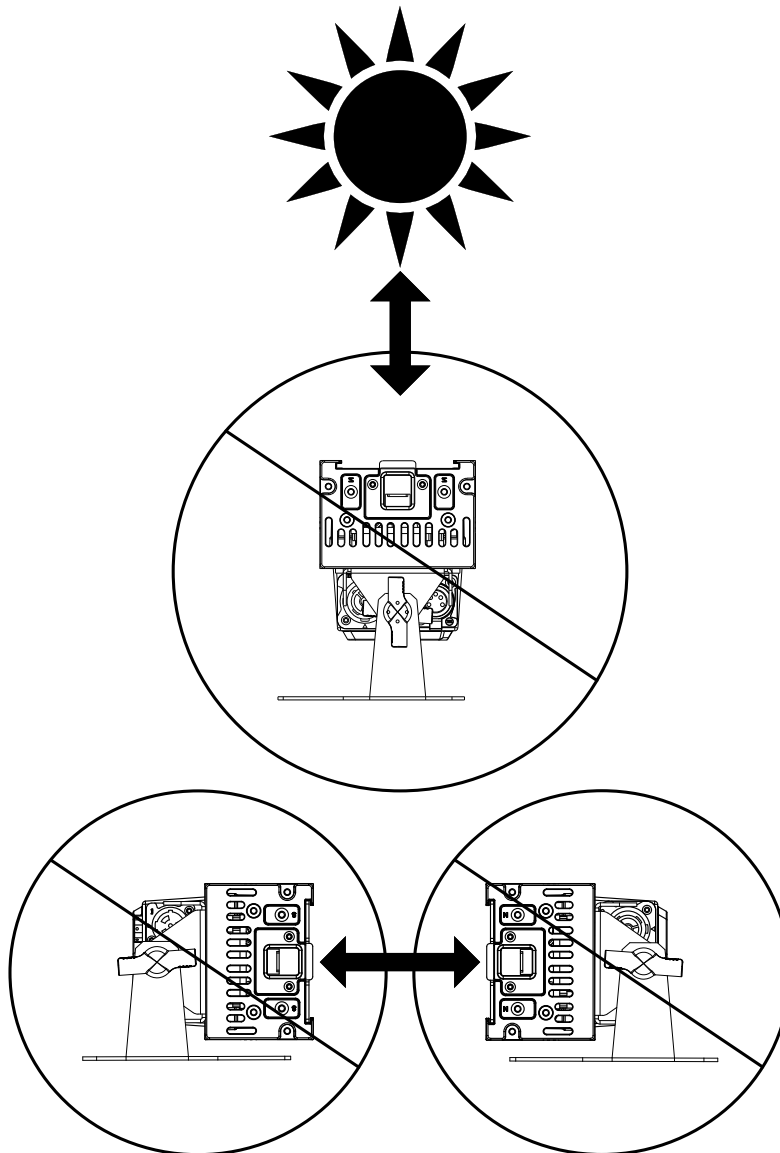
# INSTALLATION GUIDELINES

## 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.**



# FAN MODES and LOW NOISE OPERATION

The Jolt Bar FXIP is a high-performance fixture suited for multiple applications. For noise critical environments such as Theater, Opera or Orchestra Halls, it offers various fan operation modes which remove any distraction for the audience and performers. Fan Modes can be changed remotely via the DMX control channel, allowing the fixture to offer high output or whisper silent operation at a moment's notice. All Fan Modes smoothly transition over a brief time, preventing unwanted attraction to the fixture.

**Auto (Default)**—Fans only run at the speeds needed to keep the LED engine within a safe temperature range and ensures optimal performance of the fixture. If possible, they will turn-off, for example, when the fixture is dimmed to a low intensity. Fans sense the ambient and fixture temperature, and will always try to keep noise levels to a minimum. The fixture output will only reduce when the LED engine cannot be cooled down to its safe operating range due to high ambient temperature.

**NOTE: Recommended for daily operation.**

**High**—Fan speeds are increased throughout for the most efficient cooling of the fixture. This mode will increase wear on the fans and should only be utilized in exceptional circumstances. Fans will always run, even if the fixture is dimmed down. Fixture output is kept at 100% unless the LED engine temperature reaches an unsafe temperature at which point the fixture will reduce power carefully to ensure continued safe operation. This mode is only required in very high ambient temperatures when automatic fan speed adjustments are not desired.

## **Low Noise Modes**

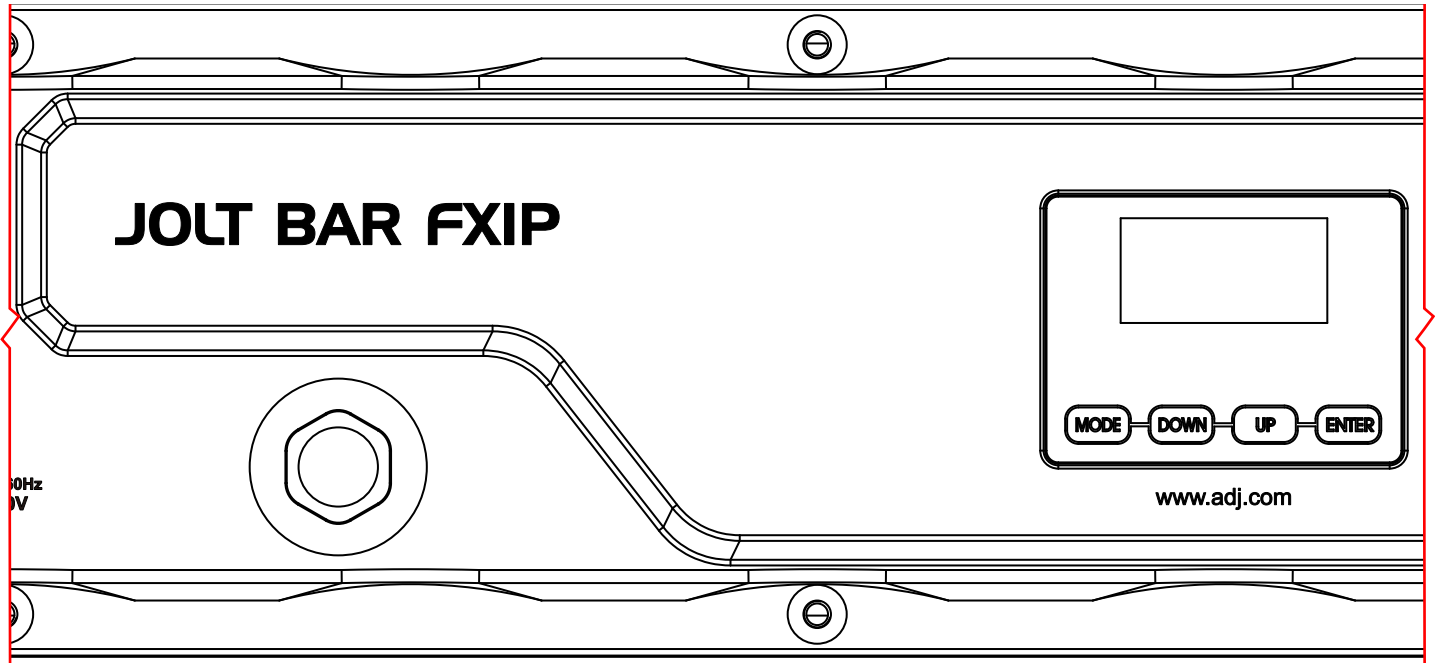
For very critical noise environments, the fixture offers two additional Low Noise Modes for silent operation. The fixture output will be reduced, yet due to the extremely high luminous flux, the fixture still offers outstanding performance. In Low Noise Modes, all parameters of the fixture operate more quietly with reduced fan speeds.

**Silent**—75-80% max output, fans run at low speed.

# SYSTEM MENU

The fixture includes an easy to navigate system menu control panel display where all necessary settings and adjustments are made.

- **MENU:** Leave current menu and return to previous menu level.
- **UP:** Scroll up in currently displayed menu.
- **DOWN:** Scroll down in currently displayed menu.
- **ENTER:** Select an option or confirm a selection.



This fixture includes a display lock feature which automatically shuts off the display screen after a certain period of inactivity. This feature is OFF by default, which means that the display will always remain on regardless of inactivity, but can be configured to kick in after up to 10 minutes of inactivity. See the **System Menu** section of this manual for details on how to configure this setting.

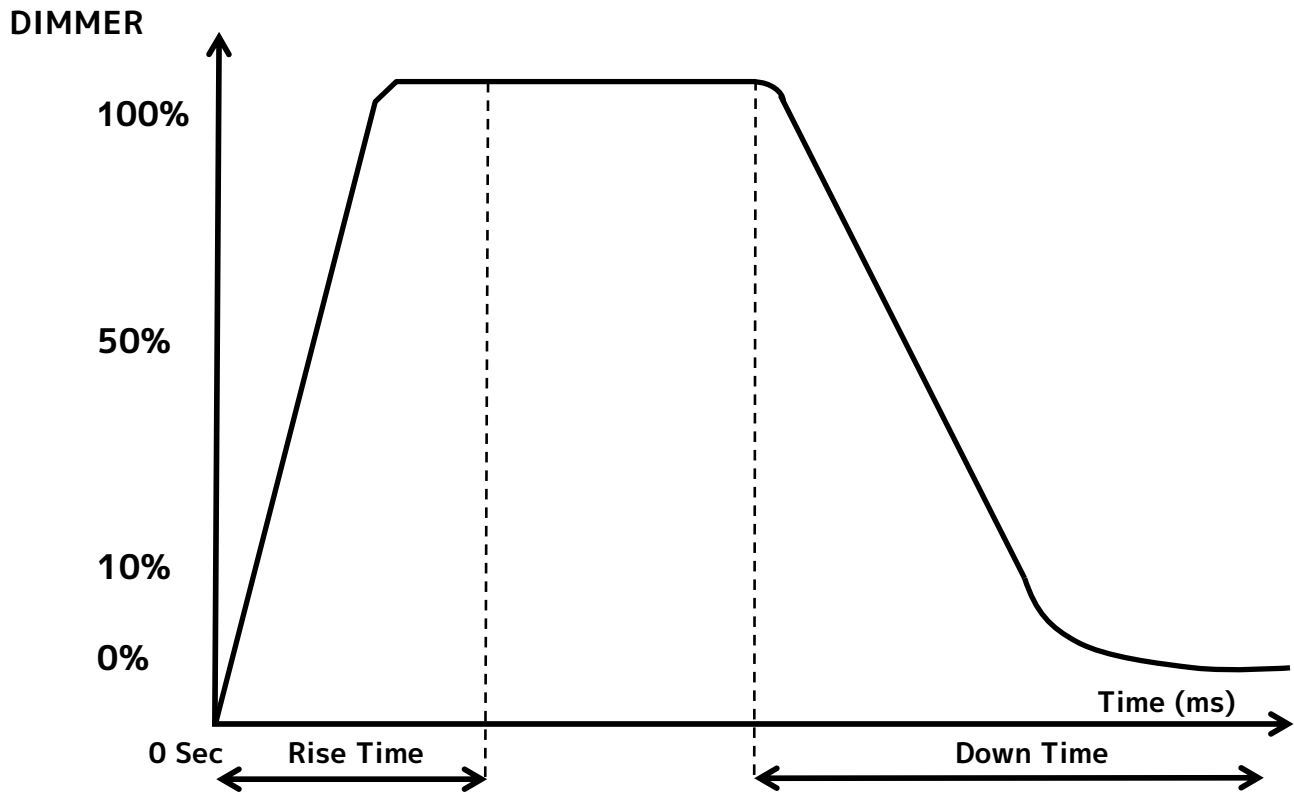
# SYSTEM MENU

| MAIN MENU        | OPTIONS / VALUES (Default Settings in BOLD) |   | DESCRIPTION                               |  |
|------------------|---|---|---|--|
| DMX Settings     | DMX Address                                 | 001 - 512   |   |  |
|                  | DMX Mode                                    | 6CH, 9CH, 13CH, 16CH, 18CH, <b>20CH</b> , 32CH, 34CH, 38CH, 43CH, 45CH, 64CH, 78CH, 80CH, 112CH, 127CH, 129CH |   |  |
|                  | No DMX Status                               | <b>Hold Last</b> , Blackout, Manual   |   |  |
| Personality      | Prim/Sec Mode                               | Primary, <b>Secondary</b>   |   |  |
|                  | Select Signal                               | <b>DMX</b> or Aria  |   |  |
|                  |   | Aria and DMX Out  |   |  |
|                  | Aria Settings                               | Aria Enable   | <b>ON/OFF</b>                             |  |
|                  |   | Set Aria Band   | <b>2.4 Ghz.</b>                           |  |
|                  |   |   | Subgig (US)                               |  |
|                  |   |   | Subgig (EU)                               |  |
|                  |   | Aria 2.4 Ghz Channel  | <b>00</b> - 15                            |  |
|                  |   | Aria Subgig Channel   | <b>00</b> - 09                            |  |
|                  |   | Mesh  | <b>ON</b> / OFF                           |  |
|                  | RDM   | <b>ON</b> / OFF   |   |  |
|                  | Bluetooth Enable                            | <b>ON</b> / OFF   |   |  |
|                  | Fan Settings                                | <b>Auto</b> , High, Silent  |   |  |
|                  | Pixel Flip                                  | On/ <b>Off</b>  |   |  |
|                  | Dim Modes                                   | <b>Standard</b>   |   |  |
|                  |   | Stage   |   |  |
|                  |   | TV  |   |  |
|                  |   | Architectural   |   |  |
|                  |   | Theatre   |   |  |
|                  |   | Stage 2   |   |  |
|                  |   | Dim Speed   | 0s-10s (Default = <b>0.1s</b> )           |  |
|                  | Dim Curves                                  | <b>Square</b> , Linear, Square Inverse, S-Curve   |   |  |
|                  | LED Refresh Rate                            | 900Hz - 1500Hz ( <b>1200Hz</b> ), 2500Hz, 4000Hz, 5000Hz, 6000Hz, 10KHz, 15KHz, 20KHz, 25KHz                  |   |  |
|                  | LED Power Limit                             | 50%, 60%, 70%, 80%, 90%, <b>100%</b>  |   |  |
|                  | Display                                     | Screen Delay  | Off, 10s - 5min (Default = <b>1 min</b> ) |  |
|                  |   | Screen Lock   | <b>Off</b> , 10s - 5 min                  |  |
|                  |   | Rotate Display  | Yes / <b>No</b> / Auto                    |  |
| Temperature Unit | <b>°C/°F</b>                                |   |   |  |
| Service          | White Balance (Passcode = <b>011</b> )      | Red1 000 - 255  |   |  |
|                  |   | Green1 000 - 255  |   |  |
|                  |   | Blue1 000 - 255   |   |  |
|                  |   | Red2 000 - 255  |   |  |
|                  |   | Green2 000 - 255  |   |  |
|                  |   | Blue2 000 - 255   |   |  |
|                  |   | ...   |   |  |
|                  | Blue32 000 - 255                            |   |   |  |
| Factory Restore  | Yes / <b>No</b>                             |   |   |  |

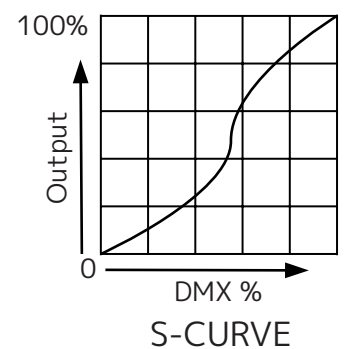
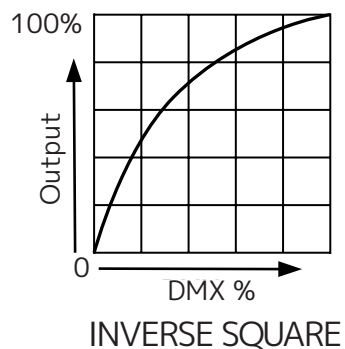
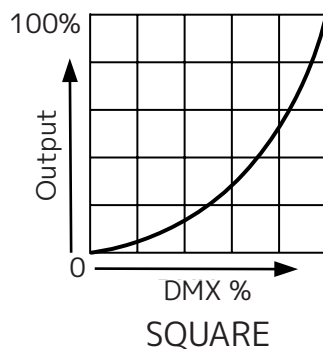
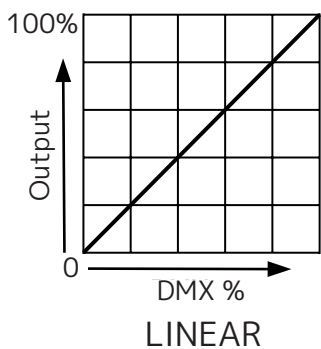
# SYSTEM MENU

| MAIN MENU          | OPTIONS / VALUES (Default Settings in BOLD) |                     | DESCRIPTION                                  |  |
|--------------------|---|---------------------|--|--|
| <b>Manual</b>      | Red   | 000-255             |  |  |
|                    | Green                                       | 000-255             |  |  |
|                    | Blue  | 000-255             |  |  |
|                    | White                                       | 000-255             |  |  |
|                    | CCT   | 000-255             |  |  |
|                    | Green Shift                                 | 000-255             |  |  |
|                    | RGB Shutter                                 | 000- <b>255</b>     |  |  |
|                    | RGBDimmer                                   | 000% - <b>100%</b>  |  |  |
|                    | White Shutter                               | 000- <b>255</b>     |  |  |
|                    | White Dimmer                                | 000% - <b>100%</b>  |  |  |
|                    | Self Test                                   | All, Dimmer, Color  |  |  |
| <b>Information</b> | On Time                                     | Current Run Time    |  |  |
|                    |   | Total Run Time      |  |  |
|                    |   | Last Run Time       |  |  |
|                    |   | Reset Last Run Time | Passcode = <b>050</b>                        |  |
|                    | Temperature                                 | Current Temp xxx°   |  |  |
|                    |   | Max Temp 1 xxx°     |  |  |
|                    |   | Max Temp 2 xxx°     |  |  |
|                    |   | TempRst.            | YES / <b>NO</b>                              |  |
|                    | Humidity                                    | xxx%                |  |  |
|                    | DMX Values                                  | Red                 |  |  |
|                    |   | Green               |  |  |
|                    |   | ...                 |  |  |
|                    | Product IDs                                 | RDM UID             |  |  |
|                    | Error Logs                                  | Fixture Errors      |  |  |
|                    |   | Xxxxx               | List Errors<br>(Reset Passcode= <b>050</b> ) |  |
|                    |   | xxxxx               |  |  |
|                    |   | Reset Error Log     | YES / <b>NO</b>                              |  |
|                    | Software Version                            | 1U : Vx.xx          |  |  |
|                    |   | 2U1 : Vx.xx         |  |  |
|                    |   | 2U2 : Vx.xx         |  |  |

# DIMMER MODES AND CURVES



| Dimming Curve<br>Ramp Effect | 0 sec Fade Time |                | 1 sec Fade Time |                |
|------------------------------|-----------------|----------------|-----------------|----------------|
|                              | Rise Time (ms)  | Down Time (ms) | Rise Time (ms)  | Down Time (ms) |
| Standard (default)           | 0               | 0              | 0               | 0              |
| Stage                        | 780             | 1100           | 1540            | 1660           |
| TV                           | 1180            | 1520           | 1860            | 1940           |
| Architectural                | 1380            | 1730           | 2040            | 2120           |
| Theatre                      | 1580            | 1940           | 2230            | 2280           |
| Stage 2                      | 0               | 1100           | 0               | 1660           |



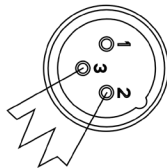
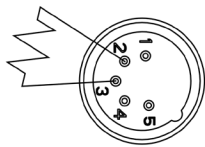
# DMX SETUP

**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 using 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):**The Jolt Panel FX can be controlled via DMX-512 protocol, and features multiple DMX channel modes. Your unit and your DMX controller require a 5-pin XLR connector for data input and data output. 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 on the other. Also remember that DMX cable must be daisy chained and cannot be split.

**Special Note:** Line Termination. When longer runs of cable are used, you 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 is connected between pins 2 and 3 of a male XLR connector (DATA + and DATA -). This unit is inserted in the female XLR connector of the last unit in your daisy chain to terminate the line. Using a cable terminator (ADJ part number Z-DMX/T) will decrease the chances 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.

# DMX SETUP

## DMX ADDRESSING

All fixtures should be given a DMX starting address when operating with a DMX controller, in order to ensure that 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 this case, please note that 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 “listen” starting at 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.

As an example, when operating this device in 6 channel mode, you should set the starting DMX address of the first unit to 1, the second unit to 7 (1 + 6), the third unit to 13 (1 + 6 + 6), and so on. (See the chart below for more details.)

| Channel Mode | Unit 1 Address | Unit 2 Address | Unit 3 Address | Unit 4 Address |
|--------------|----------------|----------------|----------------|----------------|
| 6 Channels   | 1              | 7              | 13             | 19             |
| 9 Channels   | 1              | 10             | 19             | 28             |
| 13 Channels  | 1              | 14             | 27             | 40             |
| 16 Channels  | 1              | 17             | 33             | 49             |
| 18 Channels  | 1              | 19             | 37             | 55             |
| 20 Channels  | 1              | 21             | 41             | 61             |
| 32 Channels  | 1              | 33             | 65             | 97             |
| 34 Channels  | 1              | 35             | 69             | 103            |
| 38 Channels  | 1              | 39             | 77             | 115            |
| 43 Channels  | 1              | 44             | 87             | 130            |
| 45 Channels  | 1              | 46             | 91             | 136            |
| 64 Channels  | 1              | 65             | 129            | 193            |
| 78 Channels  | 1              | 79             | 157            | 235            |
| 80 Channels  | 1              | 81             | 161            | 241            |
| 112 Channels | 1              | 113            | 225            | 337            |
| 127 Channels | 1              | 128            | 255            | 382            |
| 129 Channels | 1              | 130            | 259            | 388            |

# DMX TRAITS

| CHANNEL |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        | DMX VALUES | FUNCTION |  |                                      |
|---------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|------------|----------|--|--------------------------------------|
| 6 CH    | 9 CH | 13 CH | 16 CH | 18 CH | 20 CH | 32 CH | 34 CH | 38 CH | 43 CH | 45 CH | 64 CH | 78 CH | 80 CH | 112 CH | 127 CH |            |          | 129 CH                                     |                                      |
| 1       | 1    | 1     |       | 1     | 1     |       |       |       |       |       |       |       |       |        |        |            | 000-255  | Outer Red , 0% - 100%                      |                                      |
| 2       | 2    | 2     |       | 2     | 2     |       |       |       |       |       |       |       |       |        |        |            | 000-255  | Outer Green , 0% - 100%                    |                                      |
| 3       | 3    | 3     |       | 3     | 3     |       |       |       |       |       |       |       |       |        |        |            | 000-255  | Outer Blue , 0% - 100%                     |                                      |
| 4       | 3    | 4     |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 000-255  | Inner White, 0% - 100%                     |                                      |
|         |      |       |       |       |       |       |       | 30    | 33    | 35    |       | 70    | 72    |        |        |            | 000-255  | Inner White Group 1                        |                                      |
|         |      |       |       |       |       |       |       | 31    | 34    | 36    |       | 71    | 73    |        |        |            | 000-255  | Inner White Group 2                        |                                      |
|         |      |       |       |       |       |       |       | 32    | 35    | 37    |       | 72    | 74    |        |        |            | 000-255  | Inner White Group 3                        |                                      |
|         |      |       |       |       |       |       |       | 33    | 36    | 38    |       | 73    | 75    |        |        |            | 000-255  | Inner White Group 4                        |                                      |
| 5       | 5    | 6     |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 000-255  | Dimmer, 0% - 100%                          |                                      |
| 6       | 6    | 7     |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 000-255  | Dimmer Fine, 0% - 100%                     |                                      |
|         |      |       |       | 5     | 7     |       |       | 25    | 26    | 28    |       | 65    | 67    |        | 98     | 100        | 000-255  | Outer Dimmer, 0% - 100%                    |                                      |
|         |      |       |       | 6     | 8     |       |       | 26    | 27    | 29    |       | 66    | 68    |        | 99     | 101        | 000-255  | Outer Dimmer Fine, 0% - 100%               |                                      |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            |          | <b>Strobe Effect</b>                       |                                      |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 000-002  | Open                                       |                                      |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 003-005  | Strobe                                     |                                      |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 006-050  | Ramp up                                    |                                      |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 051-100  | Ramp down                                  |                                      |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 101-150  | Ramp up-down                               |                                      |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 151-200  | Lightning                                  |                                      |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 201-255  | Random                                     |                                      |
|         | 7    | 8     |       |       |       |       |       |       |       |       |       |       |       |        |        |            |          | 000-255                                    | <b>Strobe Rate</b> ,slow to fast     |
|         | 8    | 9     |       |       |       |       |       |       |       |       |       |       |       |        |        |            |          | 000-255                                    | <b>Strobe Duration</b> ,slow to fast |
|         | 9    | 10    |       |       |       |       |       |       |       |       |       |       |       |        |        |            |          | 000-255                                    | <b>Outer Color Macros</b>            |
|         |      | 5     |       | 4     | 6     |       |       | 25    | 27    |       |       |       |       |        | 97     | 99         | 000-255  | <b>Outer Strobe Effect</b>                 |                                      |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            |          | 000-002                                    | Open                                 |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            |          | 003-005                                    | Strobe                               |
|         |      |       |       | 7     | 9     |       |       | 27    | 28    | 30    |       | 67    | 69    |        | 100    | 102        | 006-050  | Ramp up                                    |                                      |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 051-100  | Ramp down                                  |                                      |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 101-150  | Ramp up-down                               |                                      |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 151-200  | Lightning                                  |                                      |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 201-255  | Random                                     |                                      |
|         |      |       |       | 8     | 10    |       |       | 28    | 29    | 31    |       | 68    | 70    |        | 101    | 103        | 000-255  | <b>Outer Strobe Rate</b> ,slow to fast     |                                      |
|         |      |       |       | 9     | 11    |       |       | 29    | 30    | 32    |       | 69    | 71    |        | 102    | 104        | 000-255  | <b>Outer Strobe Duration</b> ,slow to fast |                                      |



# DMX TRAITS

| CHANNEL |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        | DMX VALUES | FUNCTION |   |                            |
|---------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|------------|----------|---|----------------------------|
| 6 CH    | 9 CH | 13 CH | 16 CH | 18 CH | 20 CH | 32 CH | 34 CH | 38 CH | 43 CH | 45 CH | 64 CH | 78 CH | 80 CH | 112 CH | 127 CH |            |          | 129 CH  |                            |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            |          |   | <b>Inner Strobe Effect</b> |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            |          | 000-002   | Open                       |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            |          | 003-005   | Strobe                     |
|         |      |       |       | 14    | 16    |       |       | 36    | 39    | 41    |       | 76    | 78    |        |        |            | 006-050  | Ramp up   |                            |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 051-100  | Ramp down                                       |                            |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 101-150  | Ramp up-down                                    |                            |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 151-200  | lightning                                       |                            |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 201-255  | Random  |                            |
|         |      |       |       | 15    | 17    |       |       | 37    | 40    | 42    |       | 77    | 79    |        |        |            | 000-255  | <b>Inner Strobe Rate, slow to fast</b>          |                            |
|         |      |       |       | 16    | 18    |       |       | 38    | 41    | 43    |       | 78    | 80    |        |        |            | 000-255  | <b>Inner Strobe Duration, slow to fast</b>      |                            |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            |          | <b>Inner Program Macro</b>                      |                            |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 000-005  | No function                                     |                            |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 006-033  | Macro 1   |                            |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 034-060  | Macro 2   |                            |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 061-088  | Macro 3   |                            |
|         |      | 12    |       | 17    | 19    |       |       |       | 42    | 44    |       |       |       |        |        |            | 089-116  | Macro 4   |                            |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 117-144  | Macro 5   |                            |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 145-172  | Macro 6   |                            |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 173-200  | Macro 7   |                            |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 201-228  | Macro 8   |                            |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 229-255  | Macro 9   |                            |
|         |      |       |       | 18    | 20    |       |       |       | 43    | 45    |       |       |       |        |        |            | 000-255  | <b>Inner Program Macro Speed</b>                |                            |
|         |      | 13    |       |       |       |       |       |       |       |       |       |       |       |        |        |            | 000-255  | <b>In/Out Program Macro Speed, slow to fast</b> |                            |

# DMX TRAITS

| CHANNEL |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        | DMX VALUES | FUNCTION |          |
|---------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|------------|----------|----------|
| 6 CH    | 9 CH | 13 CH | 16 CH | 18 CH | 20 CH | 32 CH | 34 CH | 38 CH | 43 CH | 45 CH | 64 CH | 78 CH | 80 CH | 112 CH | 127 CH |            |          | 129 CH   |
|         |      |       | 1     |       |       | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1      | 1      | 1          | 000-255  | Red 1    |
|         |      |       | 2     |       |       | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2      | 2      | 2          | 000-255  | Green 1  |
|         |      |       | 3     |       |       | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3      | 3      | 3          | 000-255  | Blue 1   |
|         |      |       | 4     |       |       | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4      | 4      | 4          | 000-255  | Red 2    |
|         |      |       | 5     |       |       | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5      | 5      | 5          | 000-255  | Green 2  |
|         |      |       | 6     |       |       | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6      | 6      | 6          | 000-255  | Blue 2   |
|         |      |       | 7     |       |       | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7      | 7      | 7          | 000-255  | Red 3    |
|         |      |       | 8     |       |       | 8     | 8     | 8     | 8     | 8     | 8     | 8     | 8     | 8      | 8      | 8          | 000-255  | Green 3  |
|         |      |       | 9     |       |       | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 9      | 9      | 9          | 000-255  | Blue 3   |
|         |      |       | 10    |       |       | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10     | 10     | 10         | 000-255  | Red 4    |
|         |      |       | 11    |       |       | 11    | 11    | 11    | 11    | 11    | 11    | 11    | 11    | 11     | 11     | 11         | 000-255  | Green 4  |
|         |      |       | 12    |       |       | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 12     | 12     | 12         | 000-255  | Blue 4   |
|         |      |       |       |       |       | 13    | 13    | 13    | 13    | 13    | 13    | 13    | 13    | 13     | 13     | 13         | 000-255  | Red 5    |
|         |      |       |       |       |       | 14    | 14    | 14    | 14    | 14    | 14    | 14    | 14    | 14     | 14     | 14         | 000-255  | Green 5  |
|         |      |       |       |       |       | 15    | 15    | 15    | 15    | 15    | 15    | 15    | 15    | 15     | 15     | 15         | 000-255  | Blue 5   |
|         |      |       |       |       |       | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16     | 16     | 16         | 000-255  | Red 6    |
|         |      |       |       |       |       | 17    | 17    | 17    | 17    | 17    | 17    | 17    | 17    | 17     | 17     | 17         | 000-255  | Green 6  |
|         |      |       |       |       |       | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18     | 18     | 18         | 000-255  | Blue 6   |
|         |      |       |       |       |       | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19         | 000-255  | Red 7    |
|         |      |       |       |       |       | 20    | 20    | 20    | 20    | 20    | 20    | 20    | 20    | 20     | 20     | 20         | 000-255  | Green 7  |
|         |      |       |       |       |       | 21    | 21    | 21    | 21    | 21    | 21    | 21    | 21    | 21     | 21     | 21         | 000-255  | Blue 7   |
|         |      |       |       |       |       | 22    | 22    | 22    | 22    | 22    | 22    | 22    | 22    | 22     | 22     | 22         | 000-255  | Red 8    |
|         |      |       |       |       |       | 23    | 23    | 23    | 23    | 23    | 23    | 23    | 23    | 23     | 23     | 23         | 000-255  | Green 8  |
|         |      |       |       |       |       | 24    | 24    | 24    | 24    | 24    | 24    | 24    | 24    | 24     | 24     | 24         | 000-255  | Blue 8   |
|         |      |       |       |       |       |       |       |       |       |       | 25    | 25    | 25    | 25     | 25     | 25         | 000-255  | Red 9    |
|         |      |       |       |       |       |       |       |       |       |       | 26    | 26    | 26    | 26     | 26     | 26         | 000-255  | Green 9  |
|         |      |       |       |       |       |       |       |       |       |       | 27    | 27    | 27    | 27     | 27     | 27         | 000-255  | Blue 9   |
|         |      |       |       |       |       |       |       |       |       |       | 28    | 28    | 28    | 28     | 28     | 28         | 000-255  | Red 10   |
|         |      |       |       |       |       |       |       |       |       |       | 29    | 29    | 29    | 29     | 29     | 29         | 000-255  | Green 10 |
|         |      |       |       |       |       |       |       |       |       |       | 30    | 30    | 30    | 30     | 30     | 30         | 000-255  | Blue 10  |
|         |      |       |       |       |       |       |       |       |       |       | 31    | 31    | 31    | 31     | 31     | 31         | 000-255  | Red 11   |
|         |      |       |       |       |       |       |       |       |       |       | 32    | 32    | 32    | 32     | 32     | 32         | 000-255  | Green 11 |
|         |      |       |       |       |       |       |       |       |       |       | 33    | 33    | 33    | 33     | 33     | 33         | 000-255  | Blue 11  |
|         |      |       |       |       |       |       |       |       |       |       | 34    | 34    | 34    | 34     | 34     | 34         | 000-255  | Red 12   |
|         |      |       |       |       |       |       |       |       |       |       | 35    | 35    | 35    | 35     | 35     | 35         | 000-255  | Green 12 |
|         |      |       |       |       |       |       |       |       |       |       | 36    | 36    | 36    | 36     | 36     | 36         | 000-255  | Blue 12  |
|         |      |       |       |       |       |       |       |       |       |       | 37    | 37    | 37    | 37     | 37     | 37         | 000-255  | Red 13   |
|         |      |       |       |       |       |       |       |       |       |       | 38    | 38    | 38    | 38     | 38     | 38         | 000-255  | Green 13 |
|         |      |       |       |       |       |       |       |       |       |       | 39    | 39    | 39    | 39     | 39     | 39         | 000-255  | Blue 13  |

# DMX TRAITS

| CHANNEL |         |          |          |          |          |          |          |          |          |          |          |          |          |           |           |           | DMX<br>VALUES | FUNCTION |
|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|---------------|----------|
| 6<br>CH | 9<br>CH | 13<br>CH | 16<br>CH | 18<br>CH | 20<br>CH | 32<br>CH | 34<br>CH | 38<br>CH | 43<br>CH | 45<br>CH | 64<br>CH | 78<br>CH | 80<br>CH | 112<br>CH | 127<br>CH | 129<br>CH |               |          |
|         |         |          |          |          |          |          |          |          |          |          | 40       | 40       | 40       | 40        | 40        | 40        | 000-255       | Red 14   |
|         |         |          |          |          |          |          |          |          |          |          | 41       | 41       | 41       | 41        | 41        | 41        | 000-255       | Green 14 |
|         |         |          |          |          |          |          |          |          |          |          | 42       | 42       | 42       | 42        | 42        | 42        | 000-255       | Blue 14  |
|         |         |          |          |          |          |          |          |          |          |          | 43       | 43       | 43       | 43        | 43        | 43        | 000-255       | Red 15   |
|         |         |          |          |          |          |          |          |          |          |          | 44       | 44       | 44       | 44        | 44        | 44        | 000-255       | Green 15 |
|         |         |          |          |          |          |          |          |          |          |          | 45       | 45       | 45       | 45        | 45        | 45        | 000-255       | Blue 15  |
|         |         |          |          |          |          |          |          |          |          |          | 46       | 46       | 46       | 46        | 46        | 46        | 000-255       | Red 16   |
|         |         |          |          |          |          |          |          |          |          |          | 47       | 47       | 47       | 47        | 47        | 47        | 000-255       | Green 16 |
|         |         |          |          |          |          |          |          |          |          |          | 48       | 48       | 48       | 48        | 48        | 48        | 000-255       | Blue 16  |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 49        | 49        | 49        | 000-255       | Red 17   |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 50        | 50        | 50        | 000-255       | Green 17 |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 51        | 51        | 51        | 000-255       | Blue 17  |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 52        | 52        | 52        | 000-255       | Red 18   |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 53        | 53        | 53        | 000-255       | Green 18 |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 54        | 54        | 54        | 000-255       | Blue 18  |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 55        | 55        | 55        | 000-255       | Red 19   |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 56        | 56        | 56        | 000-255       | Green 19 |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 57        | 57        | 57        | 000-255       | Blue 19  |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 58        | 58        | 58        | 000-255       | Red 20   |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 59        | 59        | 59        | 000-255       | Green 20 |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 60        | 60        | 60        | 000-255       | Blue 20  |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 61        | 61        | 61        | 000-255       | Red 21   |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 62        | 62        | 62        | 000-255       | Green 21 |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 63        | 63        | 63        | 000-255       | Blue 21  |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 64        | 64        | 64        | 000-255       | Red 22   |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 65        | 65        | 65        | 000-255       | Green 22 |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 66        | 66        | 66        | 000-255       | Blue 22  |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 67        | 67        | 67        | 000-255       | Red 23   |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 68        | 68        | 68        | 000-255       | Green 23 |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 69        | 69        | 69        | 000-255       | Blue 23  |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 70        | 70        | 70        | 000-255       | Red 24   |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 71        | 71        | 71        | 000-255       | Green 24 |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 72        | 72        | 72        | 000-255       | Blue 24  |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 73        | 73        | 73        | 000-255       | Red 25   |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 74        | 74        | 74        | 000-255       | Green 25 |
|         |         |          |          |          |          |          |          |          |          |          |          |          |          | 75        | 75        | 75        | 000-255       | Blue 25  |

# DMX TRAITS

| CHANNEL |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        | DMX VALUES | FUNCTION |           |   |
|---------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|------------|----------|-----------|---|
| 6 CH    | 9 CH | 13 CH | 16 CH | 18 CH | 20 CH | 32 CH | 34 CH | 38 CH | 43 CH | 45 CH | 64 CH | 78 CH | 80 CH | 112 CH | 127 CH |            |          | 129 CH    |   |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 76     | 76         | 76       | 000-255   | Red 26  |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 77     | 77         | 77       | 000-255   | Green 26  |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 78     | 78         | 78       | 000-255   | Blue26  |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 79     | 79         | 79       | 000-255   | Red 27  |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 80     | 80         | 80       | 000-255   | Green 27  |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 81     | 81         | 81       | 000-255   | Blue 27   |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 82     | 82         | 82       | 000-255   | Red 28  |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 83     | 83         | 83       | 000-255   | Green 28  |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 84     | 84         | 84       | 000-255   | Blue 28   |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 85     | 85         | 85       | 000-255   | Red 29  |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 86     | 86         | 86       | 000-255   | Green 29  |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 87     | 87         | 87       | 000-255   | Blue 29   |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 88     | 88         | 88       | 000-255   | Red 30  |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 89     | 89         | 89       | 000-255   | Green 30  |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 90     | 90         | 90       | 000-255   | Blue 30   |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 91     | 91         | 91       | 000-255   | Red 31  |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 92     | 92         | 92       | 000-255   | Green 31  |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 93     | 93         | 93       | 000-255   | Blue 31   |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 94     | 94         | 94       | 000-255   | Red 32  |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 95     | 95         | 95       | 000-255   | Green 32  |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        | 96     | 96         | 96       | 000-255   | Blue 32   |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            |          |           | CT Presets                                      |
|         |      |       |       |       | 4     |       | 25    |       |       | 25    |       |       | 49    |        |        |            | 97       | 000 - 023 | Open  |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            |          | 023 - 089 | CTO 2300K - 8900K (see Color Temperature Table) |
|         |      |       |       |       |       |       |       |       |       |       |       |       |       |        |        |            |          | 090 - 255 | 9000K   |
|         |      |       |       |       | 5     |       | 26    |       |       | 26    |       |       | 50    |        |        |            | 98       | 000 - 255 | Green Shift                                     |
|         |      |       | 13    |       |       |       | 25    | 27    |       |       |       | 49    | 49    | 51     | 97     | 105        | 107      | 000-255   | White 1   |
|         |      |       | 14    |       |       |       | 26    | 28    |       |       |       | 50    | 50    | 52     | 98     | 106        | 108      | 000-255   | White 2   |
|         |      |       | 15    |       |       |       | 27    | 29    |       |       |       | 51    | 51    | 53     | 99     | 107        | 109      | 000-255   | White 3   |
|         |      |       | 16    |       |       |       | 28    | 30    |       |       |       | 52    | 52    | 54     | 100    | 108        | 110      | 000-255   | White 4   |
|         |      |       |       |       |       |       | 29    | 31    |       |       |       | 53    | 53    | 55     | 101    | 109        | 111      | 000-255   | White 5   |
|         |      |       |       |       |       |       | 30    | 32    |       |       |       | 54    | 54    | 56     | 102    | 110        | 112      | 000-255   | White 6   |
|         |      |       |       |       |       |       | 31    | 33    |       |       |       | 55    | 55    | 57     | 103    | 111        | 113      | 000-255   | White 7   |
|         |      |       |       |       |       |       | 32    | 34    |       |       |       | 56    | 56    | 58     | 104    | 112        | 114      | 000-255   | White 8   |
|         |      |       |       |       |       |       |       |       |       |       |       | 57    | 57    | 59     | 105    | 113        | 115      | 000-255   | White 9   |
|         |      |       |       |       |       |       |       |       |       |       |       | 58    | 58    | 60     | 106    | 114        | 116      | 000-255   | White 10  |
|         |      |       |       |       |       |       |       |       |       |       |       | 59    | 59    | 61     | 107    | 115        | 117      | 000-255   | White 11  |
|         |      |       |       |       |       |       |       |       |       |       |       | 60    | 60    | 62     | 108    | 116        | 118      | 000-255   | White 12  |
|         |      |       |       |       |       |       |       |       |       |       |       | 61    | 61    | 63     | 109    | 117        | 119      | 000-255   | White 13  |
|         |      |       |       |       |       |       |       |       |       |       |       | 62    | 62    | 64     | 110    | 118        | 120      | 000-255   | White 14  |
|         |      |       |       |       |       |       |       |       |       |       |       | 63    | 63    | 65     | 111    | 119        | 121      | 000-255   | White 15  |
|         |      |       |       |       |       |       |       |       |       |       |       | 64    | 64    | 66     | 112    | 120        | 122      | 000-255   | White 16  |

# COLOR TEMPERATURE

| DMX VALUE | COLOR TEMPERATURE (K) | DMX VALUE | COLOR TEMPERATURE (K) |
|-----------|-----------------------|-----------|-----------------------|
| 23        | 2300                  | 62        | 6200                  |
| 24        | 2400                  | 63        | 6300                  |
| 25        | 2500                  | 64        | 6400                  |
| 26        | 2600                  | 65        | 6500                  |
| 27        | 2700                  | 66        | 6600                  |
| 28        | 2800                  | 67        | 6700                  |
| 29        | 2900                  | 68        | 6800                  |
| 30        | 3000                  | 69        | 6900                  |
| 31        | 3100                  | 70        | 7000                  |
| 32        | 3200                  | 71        | 7100                  |
| 33        | 3300                  | 72        | 7200                  |
| 34        | 3400                  | 73        | 7300                  |
| 35        | 3500                  | 74        | 7400                  |
| 36        | 3600                  | 75        | 7500                  |
| 37        | 3700                  | 76        | 7600                  |
| 38        | 3800                  | 77        | 7700                  |
| 39        | 3900                  | 78        | 7800                  |
| 40        | 4000                  | 79        | 7900                  |
| 41        | 4100                  | 80        | 8000                  |
| 42        | 4200                  | 81        | 8100                  |
| 43        | 4300                  | 82        | 8200                  |
| 44        | 4400                  | 83        | 8300                  |
| 45        | 4500                  | 84        | 8400                  |
| 46        | 4600                  | 85        | 8500                  |
| 47        | 4700                  | 86        | 8600                  |
| 48        | 4800                  | 87        | 8700                  |
| 49        | 4900                  | 88        | 8800                  |
| 50        | 5000                  | 89        | 8900                  |
| 51        | 5100                  | 90        | 9000                  |
| 52        | 5200                  |           |                       |
| 53        | 5300                  |           |                       |
| 54        | 5400                  |           |                       |
| 55        | 5500                  |           |                       |
| 56        | 5600                  |           |                       |
| 57        | 5700                  |           |                       |
| 58        | 5800                  |           |                       |
| 59        | 5900                  |           |                       |
| 60        | 6000                  |           |                       |
| 61        | 6100                  |           |                       |

# COLOR MACRO CHART

| Macro Nmnber | DMX VALUE |
|--------------|-----------|
| No Function  | 000-009   |
| Color1       | 010-017   |
| Color2       | 018-024   |
| Color3       | 025-032   |
| Color4       | 033-039   |
| Color5       | 040-047   |
| Color6       | 048-054   |
| Color7       | 055-061   |
| Color8       | 062-069   |
| Color9       | 070-076   |
| Color10      | 077-084   |
| Color11      | 085-091   |
| Color12      | 092-099   |
| Color13      | 100-106   |
| Color14      | 107-113   |
| Color15      | 114-121   |
| Color16      | 122-128   |
| Color17      | 129-136   |
| Color18      | 137-143   |
| Color19      | 144-151   |
| Color20      | 152-158   |
| Color21      | 159-165   |
| Color22      | 166-173   |
| Color23      | 174-180   |
| Color24      | 181-188   |
| Color25      | 189-195   |
| Color26      | 196-203   |
| Color27      | 204-210   |
| Color28      | 211-217   |
| Color29      | 218-225   |
| Color30      | 226-232   |
| Color31      | 233-240   |
| Color32      | 241-247   |
| Color33      | 248-255   |

# 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   |
|----------|-----------|-----------------|--|
| 1900     | 0000-FFFF | 40              | 6CH, 9CH, 13CH, 16CH, 18CH, 32CH, 38CH, 43CH, 64CH, 78CH, 112CH, 127CHLK |

**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     |
|-----------------------------|----------|
| Sensor Definition           | [0x0200] |
| Sensor Value                | [0x0201] |
| Device Model Description    | [0x0080] |
| Manufacturer Label          | [0x0081] |
| Device Label                | [0x0082] |
| DMX Personality             | [0x00E0] |
| DMX Personality Description | [0x00E1] |
| Device Hours                | [0x0400] |
| Comms Status                | [0x0015] |
| Status ID Description       | [0x0031] |
| Clear Status ID             | [0x0032] |
| Device Power Cycles         | [0x0405] |
| Display Invert              | [0x0500] |
| Display Level               | [0x0501] |
| Realtime Clock              | [0x0603] |
| Power State                 | [0x1010] |
| Preset Playback             | [0x1031] |
| Default Slot Value          | [0x0122] |
| Language                    | [0x00B0] |
| Language Capabilities       | [0x00A0] |
| Boot Software Version Label | [0x00C2] |
| Boot Software Version ID    | [0x00C1] |
| Product Detail ID List      | [0x0070] |
| Status Messages             | [0x0030] |
| Proxied Devices             | [0x0010] |

# ERROR CODES

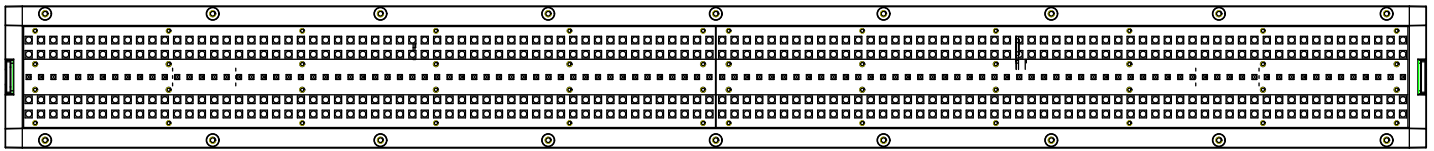
Note: Error Codes are subject to change without any prior written notice.

| <b>ERROR CODES</b> | <b>DESCRIPTION</b>  |
|--------------------|---|
| Temp Error         | This message will appear after a fixture reset if there is a Temperature Error or Fan Error |
| Fan Error          |   |

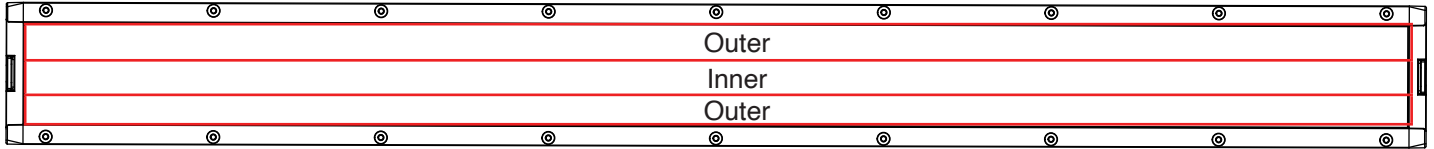
# OPTIONAL ACCESSORIES

| <b>SKU (US)</b> | <b>SKU (EU)</b> | <b>DESCRIPTION</b>                      |
|-----------------|-----------------|---|
| JPF014          | 1226100509      | JPFX1X60LF - 1x60° Linear Effect Filter |
| JPF027          | 1226100510      | JPFX60X1LF - 60x1° Linear Effect Filter |
| JPF001          | 1226100508      | JPFXBLKF - Black Filter                 |

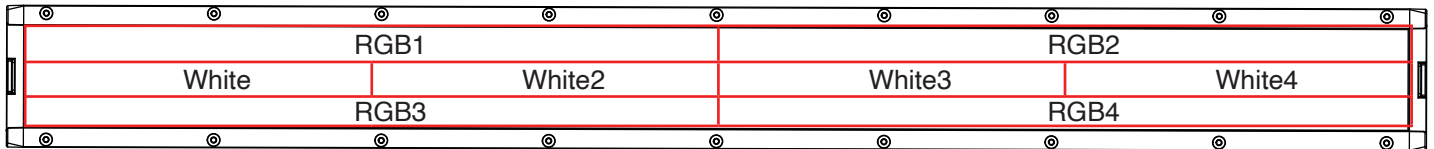
# LED PIXEL ZONES



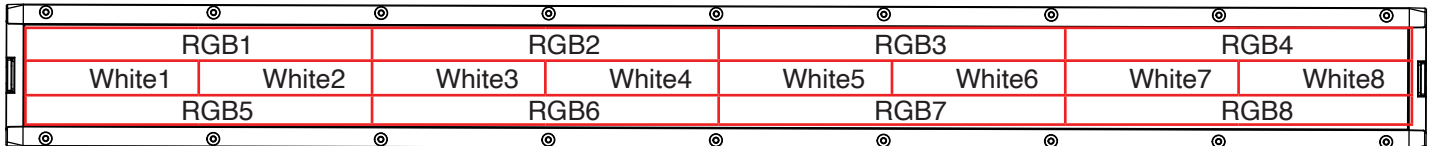
## 6CH, 9CH, 13CH, 18CH, AND 20CH MODES



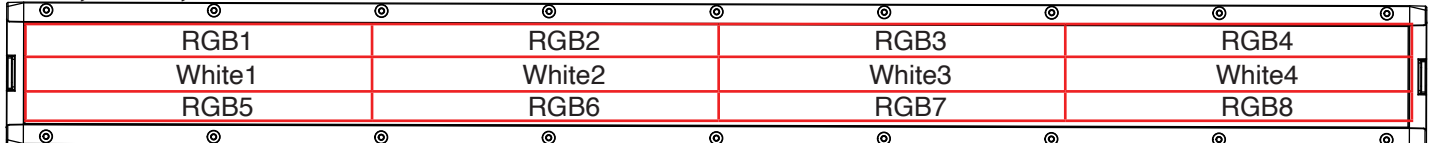
## 16CH MODE



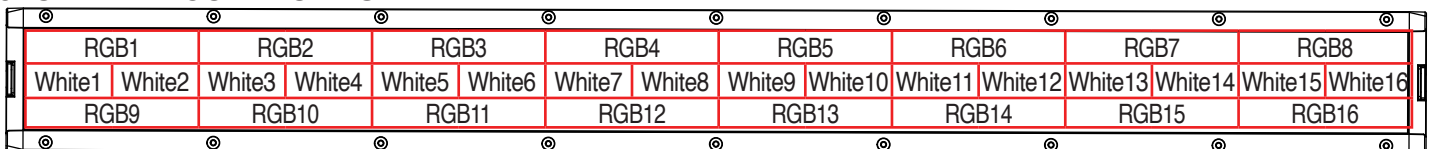
## 32CH AND 34CH MODES



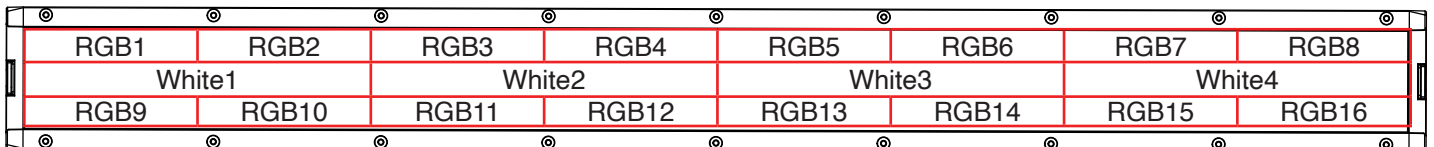
## 38CH, 43CH, AND 45CH MODES



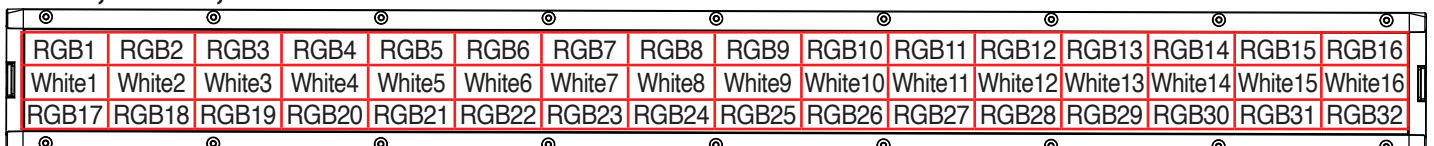
## 64CH AND 78CH MODES



## 78CH AND 80CH MODES



## 112CH, 127CH, AND 129CH MODES



## MULTI UNIT POWER LINKING

These units have the capability to be daisy chained together via the power in/out ports. **The maximum number of units that can be linked together in this manner is as follows:**

- 7 units maximum when running on 120V power.
- 12 units maximum when running on 230V power.

**DO NOT EXCEED THE NUMBER OF UNITS LISTED ABOVE.**

**DO NOT MIX MAKE AND MODEL TYPES WHEN DAISY CHAINING!** All units that are connected in this manner must be of the same make and model type.

## CLEANING AND MAINTENANCE



**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 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 and prevent overheating.
- Be sure all screws and fasteners are securely tightened at all times. Loose screws may fall out during normal operation, resulting in damage or injury as larger parts could fall.
- Check for any deformations on the housing, color lenses, rigging hardware, and rigging points (ceiling, suspension, trussing). Deformations in the housing could allow for dust 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:

- 448 x 0.5-Watt RGB SMD LEDs + 112 x 5-Watt Cool White SMD LEDs
- 76.6° Beam Angle (Full On)
- 92° Field Angle (Full On)
- RGB LEDs: Red: 620-630nm; Green: 515-530nm; Blue: 460-470nm
- White LEDs CCT: Typical 7400K (Min 6900 - Max 8000), 472nm
- CRI: 86
- 50,000 Hour Average LED Life

## Features:

- 32 x RGB LED Zones (112, 127, and 129Ch Modes)
- 16 x Cool White LED Zones (64, 78, 80, 112, 127, and 129Ch Modes)
- 67 Built-in Color Temperature Presets (2300K - 8900K)
- 25 Built-in RGB LED Program Macros
- 9 Built-in Cool White LED Program Macros
- 180 degree mounting bracket system
- IP65-rated (for temporary outdoor use)
- Integrated Aria X2 Management Suite
- Includes Frost Lens Assembly
- Includes Alignment Bracket to attach units together side by side

## Control:

- Control Protocols: DMX, Aria X2 and RDM
- 17 DMX Channel Modes: 6, 9, 13, 16, 18, 20, 32, 34, 38, 43, 45, 64, 78, 80, 112, 127, & 129-ch modes
- Dim Modes: 6 Presets (Standard, Stage, TV, Architectural, Theatre & Stage 2)
- Dim Curves: 4 Presets (Linear, Square Law, Inv Square Law and S Curve)
- 0-100% Smooth Dimming
- Strobe: Ramp Up / Down, Lighting, and Random
- Max Strobe Rate 25Hz; Min Strobe Rate: 0.35Hz
- Selectable LED Refresh Rate: 900Hz - 25kHz
- With Wired Digital Communication Network
- Display: OLED Displays with 4-Button Touch Menu

## Connections:

- Data: IP65-rated locking 5-pin DMX In/Out
- Power: IP65-rated Locking Power In/Out

## Electrical:

- 100-240V 50Hz/60Hz (Auto Sensing)
- Max Power Consumption: 214W @120V; 208W @230V
- Max Power Link: 7pcs @120V; 12pcs @230V
- Fuse Protected: T5A/250V Glass Fuse (5\*20MM)

## Dimensions / Weight:

- Length: 39.4" (1000mm)
- Width: 3.9" (100mm)
- Height: 6.1" (154mm)
- Weight: 19.2 lbs. (8.7kg)

## What's Included:

- 1 x IP65 Locking Power Cable
- 1 x Frost Filter
- 2x Omega Receiver Brackets (Omega Clamps sold separately)

## Approvals and Ratings:

- CE, cETLus, IP65



Specifications and documentation subject to change without notice.

# DIMENSIONS

Dimensions are not drawn to scale.

