

PAR Z MOVE

User Instructions

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Europe Energy Saving Notice

Energy Saving Matters (EuP 2009/125/EC)

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

DOCUMENT VERSION



Due to additional product features and/or enhancements, an updated version of this document may be available online.

Please check www.adj.com for the latest revision/update of this manual before beginning installation and/or programming.

| Date | Document Version | Software Version > | DMX Channel Mode | Notes |
|----------|------------------|--------------------|------------------|--------------------|
| 02/29/19 | 1 | 1.0 | 7/9/11 | Initial Version |
| 06/01/21 | 1.5 | N/C | N/C | Updated Dimensions |

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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

The products in this kit have been thoroughly tested and have 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 each unit included for damage and be sure all accessories necessary to operate the units 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 kit 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.

WARRANTY RETURNS

All returned service items whether under warranty or not, must be freight pre-paid and accompany a return authorization (R.A.) number. The R.A. number must be clearly written on the outside of the return package. A brief description of the problem as well as the R.A. number must also be written down on a piece of paper and included in the shipping container. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. Items returned without a R.A. number clearly marked on the outside of the package will be refused and returned at customer's expense. You may obtain a R.A. number by contacting customer support.

LIMITED WARRANTY (USA ONLY)

- A. ADJ Products, LLC hereby warrants, to the original purchaser, ADJ Products, LLC products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.
- B. For warranty service, you must obtain a Return Authorization number (RA#) before sending back the product-please contact ADJ Products, LLC Service Department at 800-322-6337. Send the product only to the ADJ Products, LLC factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, ADJ Products, LLC will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products, LLC shall have no liability whatsoever for loss of or damage to any such accessories, or for the safe return thereof.
- C. This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which ADJ Products, LLC concludes, after inspection, affects the reliability of the product, if the product has been repaired or service by anyone other than ADJ Products, LLC factory unless prior written authorization was issued to purchaser by ADJ Products, LLC; if the product is damaged because not properly maintained as set forth in the instruction manual.
- D. This is not a service contract, and this warranty does not include maintenance, cleaning or periodic check up. During the period specified above, ADJ Products, LLC will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of ADJ Products, LLC under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of ADJ Products, LLC. All products covered by this warranty were manufactured after August 15, 2012, and bear identifying marks to that effect.
- E. ADJ Products, LLC reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.
- F. No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by ADJ Products, LLC in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and/or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall ADJ Products, LLC be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.
- G. This warranty is the only written warranty applicable to ADJ Products, LLC Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

LIMITED WARRANTY PERIODS

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

SAFETY GUIDELINES

To guarantee a smooth operation, it is important to follow all instructions and guidelines in this manual. ADJ Products, LLC is not responsible for injury and/or damages resulting from the misuse of this 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 manufactures warranty and increase the risk of damage and/or personal injury.



PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED



THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT. DO NOT ATTEMPT ANY REPAIRS YOURSELF; DOING SO WILL VOID YOUR MANUFACTURES WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS FIXTURE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURES WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/OR REPAIRS.



**DO NOT PLUG FIXTURE INTO A DIMMER PACK!
NEVER OPEN THIS FIXTURE WHILE IN USE!
UNPLUG POWER BEFORE SERVICING FIXTURE!
NEVER TOUCH FIXTURE DURING OPERATION AS IT MAY BE HOT!**

Maximum ambient temperature is T_a : 40°C. DO NOT operate it where the temperature is higher than this. Unit surface temperature may reach up to 75°C. DO NOT touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.

KEEP FLAMMABLE MATERIALS AWAY FROM FIXTURE!



ENSURE ALL CONNECTIONS AND END CAPS ARE PROPERLY SEALED WITH A DIELECTRIC GREASE (AVAILABLE AT MOST ELECTRICAL SUPPLIERS) TO PREVENT WATER CORROSION AND/OR ELECTRICAL SHORT CIRCUIT.



IF THE FIXTURE IS EXPOSED TO ENVIRONMENTAL TEMPERATURE CHANGES SUCH AS RELOCATION FROM AN OUTDOOR COLD TO AN INDOOR WARM ENVIRONMENT, DO NOT POWER THE FIXTURE ON IMMEDIATELY. INTERNAL CONDENSATION AS A RESULT OF ENVIRONMENTAL TEMPERATURE CHANGE CAN CAUSE INTERNAL FIXTURE DAMAGE. LEAVE THE FIXTURE POWERED OFF UNTIL IT HAS REACHED ROOM TEMPERATURE BEFORE POWERING ON.



**NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE! RETINA INJURY RISK - MAY INDUCE BLINDNESS! SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!
THIS IS A RISK GROUP 3 (HIGH RISK) PRODUCT ACCORDING TO EN 62471 AND IEC/TR 62778. THE LUMINAIRE SHOULD BE POSITIONED 63 METERS OR MORE FROM THE OUTPUT OF THE FIXTURE TO REDUCE OR ELIMINATE EXPOSURE.**

SAFETY GUIDELINES

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

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

DO NOT operate fixture if the power cord has become frayed, crimped, damaged and/or if any of the power cord connectors are damaged and do not insert into the fixture securely with ease.

NEVER force a power cord connector into the fixture. If the power cord or any of its connectors are damaged, replace it immediately with a new one of similar power rating.

DO NOT block any air ventilation slots; these must remain clean and never blocked. Allow approx. 7.9” (20cm) 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 attach 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 the original packaging and materials to transport the fixture in for service.

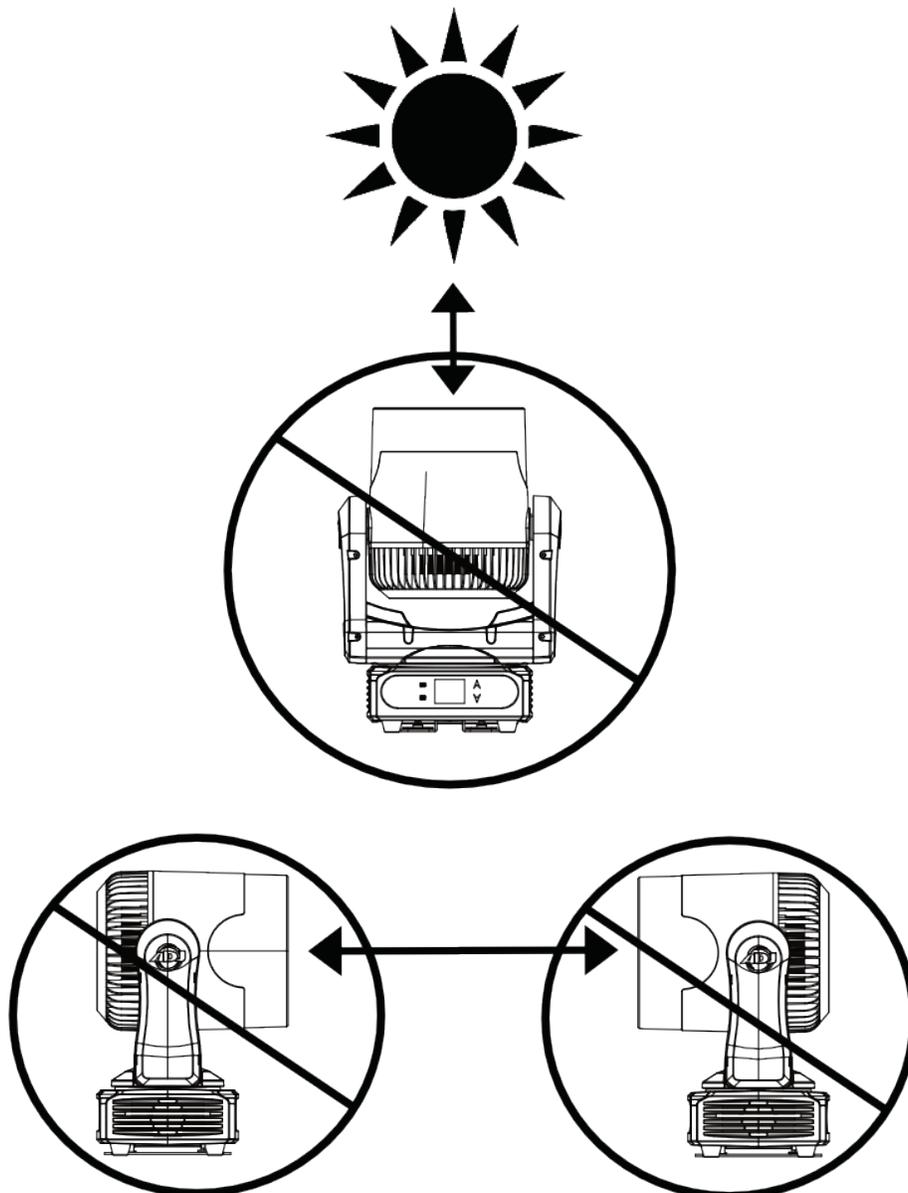
SAFETY GUIDELINES

POTENTIAL INTERNAL FIXTURE DAMAGE FROM EXTERNAL SOURCES OF LIGHT BEAMS

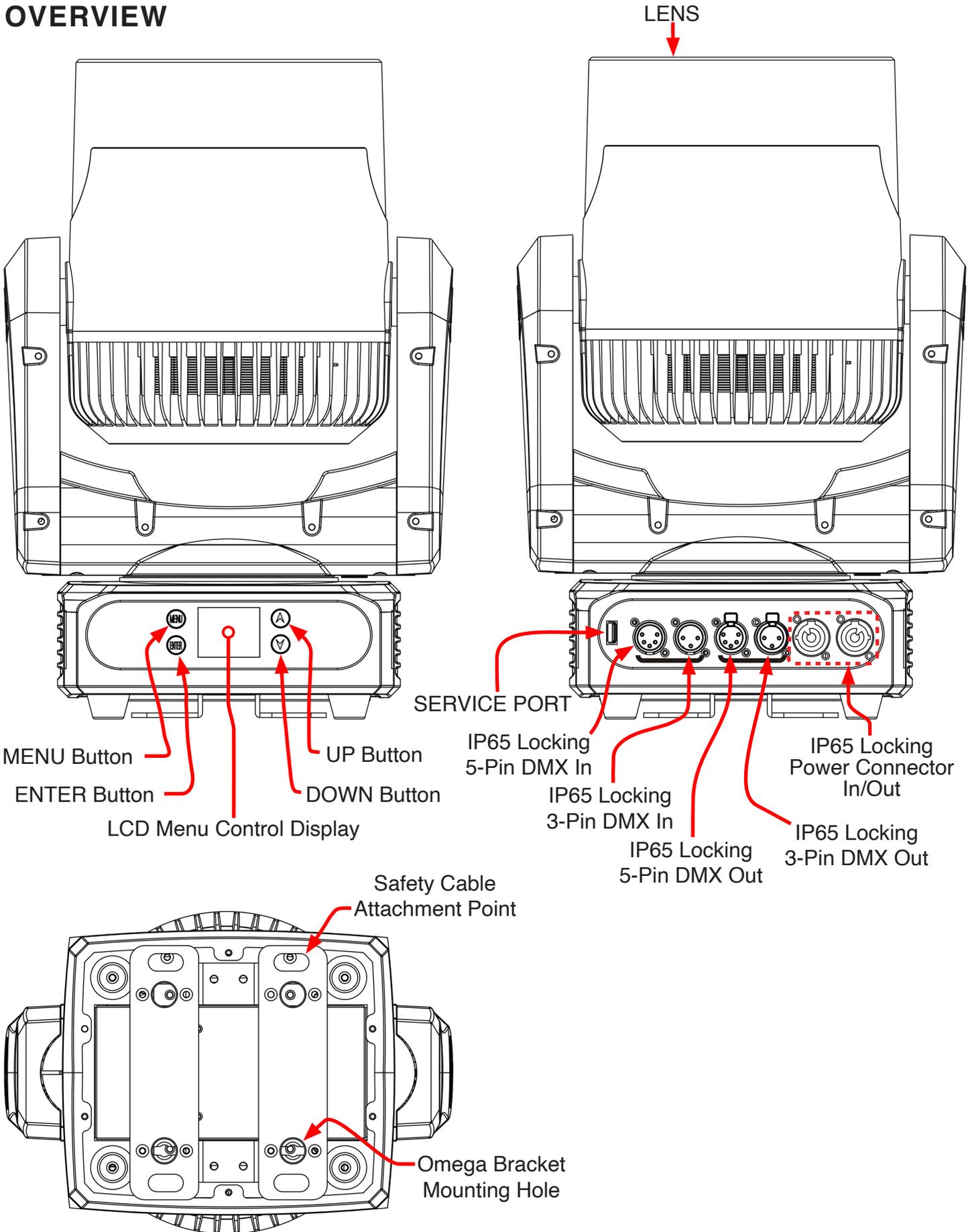
External sources of light beams from direct sunlight, lighting moving head fixtures, and lasers, which are focused directly towards the exterior housing and/or penetrate the front lens opening of ADJ lighting fixtures, can cause severe internal damage including burning to optics, dichroic color filters,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

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

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



OVERVIEW



FIXTURE INSTALLATION



FLAMMABLE MATERIAL WARNING

Keep fixture at least 7.9in. (0.2m) away from any flammable materials, decorations, pyrotechnics, etc.



ELECTRICAL CONNECTIONS

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



MINIMUM DISTANCE TO OBJECTS/SURFACES MUST BE 40 FEET (12 METERS)



MAXIMUM TEMPERATURE OF EXTERNAL SURFACE 167°F (75°C)

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

Fixture **MUST** be installed following all local, national, and country commercial electrical and construction codes and regulations. Before rigging/mounting the fixture to any metal truss/structure or placing the fixture 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, clamps, cables, and accessories.

Overhead fixture installation must always be secured with a secondary safety attachment, such as an appropriately rated safety cable that meets all local, national, and country codes and regulations.

Fixture ambient operating temperature range is **-4°F to 104°F. (-20°C to 40°C)** Do not use this fixture outside this temperature range.

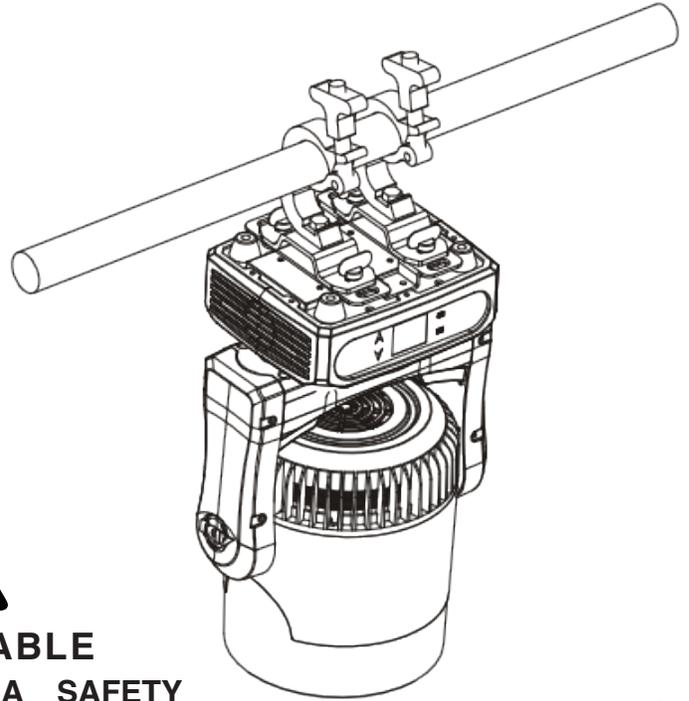
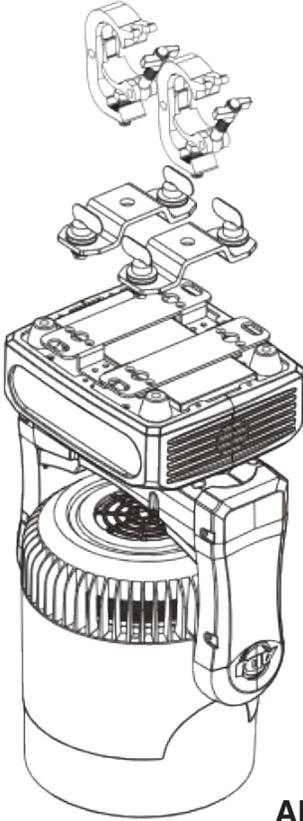
Fixture should be installed in areas outside walking paths, seating areas, or away from areas where unauthorized personnel might reach the fixture by hand.

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

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

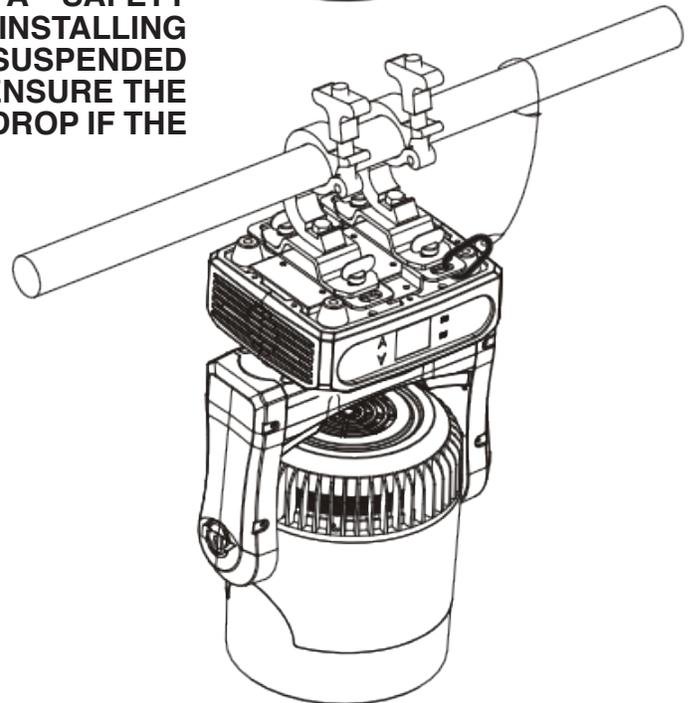
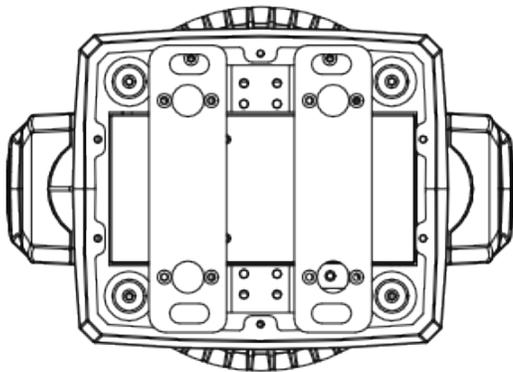
INSTALLATION

Screw one clamp each via a M12 screw and nut into the Omega brackets. Insert the quick-lock fasteners of the Omega brackets into the respective holes on the bottom of the Par Z Move. Tighten the quick-lock fasteners fully clockwise. Pull a safety cable through the safety cable attachment points located on the base plate and over the trussing system or a safe fixation spot. Insert the end in the carabiner and tighten the safety screw.



*SAFETY CABLE

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

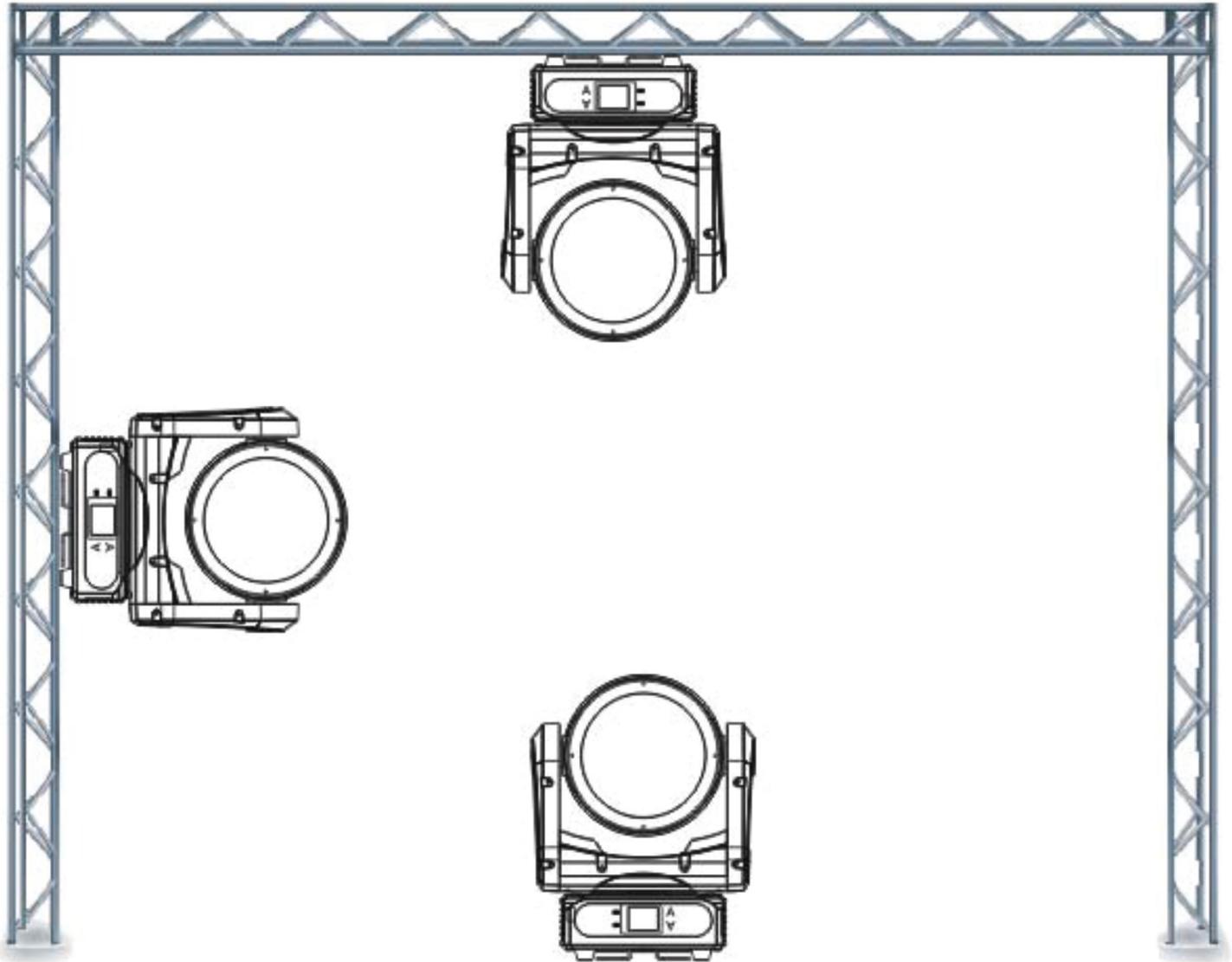


INSTALLATION

When installing the unit, the trussing or area of installation must be able to hold 10 times the weight without any deformation. When installing, the unit must be secured with a secondary safety attachment, e.g. and appropriate safety cable. Never stand directly below the unit when mounting, removing, or servicing the unit.

Overhead mounting requires extensive experience, including calculating working load limits, installation material being used, and periodic safety inspection of all installation material and unit. If you lack these qualifications, do not attempt the installation yourself. Installations should be checked by a skilled person once a year.

The Par Z Move is fully operational in three different mounting positions, hanging upside-down from a ceiling or trussing, sideways on trussing, or set on a flat level surface. Be sure this fixture is kept at least 12m (40ft) away from any flammable materials (decoration etc.). Always use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails. Never use the carrying handles for secondary attachment.



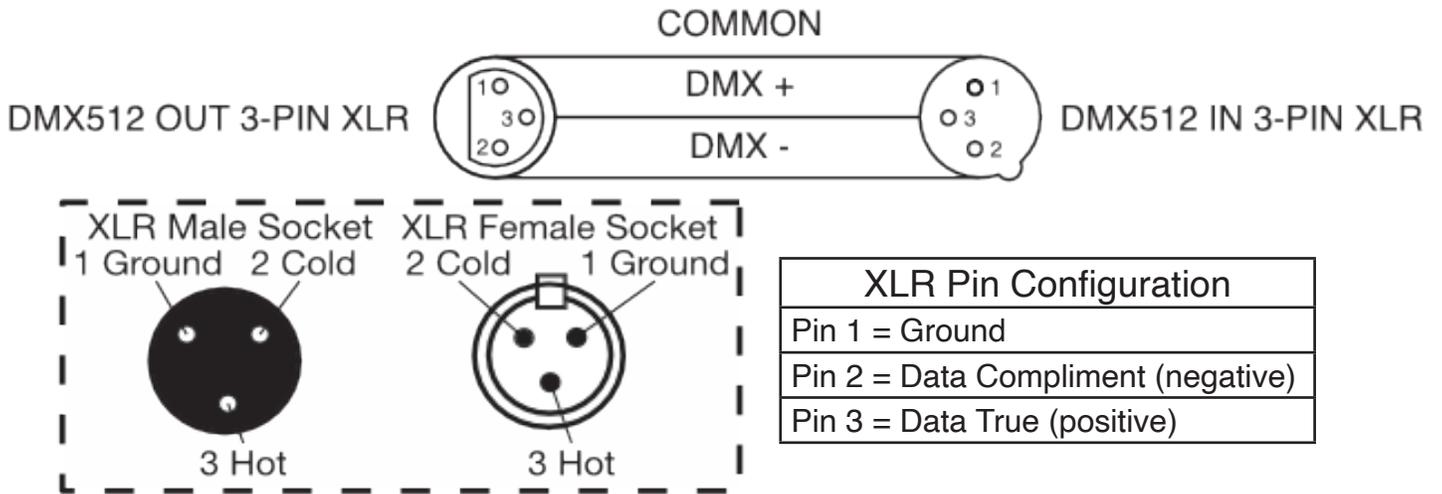
DMX SETUP

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 manufactures 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, when using several DMX fixtures try to use the shortest cable path possible. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example; a fixture assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. 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 PAR Z Move can be controlled via DMX-512 protocol. Your unit and your DMX controller requires a 5-pin XLR connector for data input and data output. We recommend Accu-Cable DMX cables. If you are making your own cables, be sure to use standard 110-120 Ohm shielded cable (This cable may be purchased at almost all pro lighting stores). Your cables should be made with a male and female XLR connector on either end of the cable. Also remember that DMX cable must be daisy chained and cannot be split.

Notice: Do not use the ground lug on the XLR connector. Do not connect the cable’s shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR’s outer casing. Grounding the shield could cause a short circuit and erratic behavior.



DMX SETUP

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 possibilities of erratic behavior.



Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal, (Resistance 120 Ohm 1/4 W) between PIN 2 (DMX-) and PIN 3 (DMX +) of the last fixture.

5-Pin XLR DMX Connectors. Some manufactures use 5-pin DMX-512 data cables for DATA transmission in place of 3-pin. 5-pin DMX fixtures may be implemented in a 3-pin DMX line. When inserting standard 5-pin data cables in to a 3-pin line a cable adapter must be used, these adapters are readily available at most electric stores. The chart below details a proper cable conversion.

| 3-Pin XLR to 5-Pin XLR Conversion | | |
|-----------------------------------|------------------------|---------------------|
| Conductor | 3-Pin XLR Female (Out) | 5-Pin XLR Male (In) |
| Ground/Shield | Pin 1 | Pin 1 |
| Data Compliant (- signal) | Pin 2 | Pin 2 |
| Data True (+ signal) | Pin 3 | Pin 3 |
| Not Used | | Do Not Use |
| Not Used | | Do Not Use |

DMX ADDRESSING

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

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

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

In the case of the Par Z Move, when in 7 channel mode you should set the starting DMX address of the first unit to 1, the second unit to 8 ($7 + 1$), the third unit to 15 ($8 + 7$), and so on.

| Channel Mode | Unit 1 Address | Unit 2 Address | Unit 3 Address | Unit 4 Address |
|--------------|----------------|----------------|----------------|----------------|
| 7 Channels | 1 | 8 | 15 | 22 |
| 9 Channels | 1 | 10 | 19 | 28 |
| 11 Channels | 1 | 12 | 23 | 34 |

SYSTEM MENU

The fixture includes an easy to navigate system menu control panel display where all necessary settings and adjustments are made. During normal operation, pressing the **MENU** button once will access the fixture's main menu. Once in the main menu, you can navigate through the different functions and access the sub-menus with the **UP** and **DOWN** buttons. When you reach a field that requires adjusting, press the **ENTER** button to access that field and use the **UP** and **DOWN** buttons to adjust the field. Pressing the **ENTER** button once more will confirm your setting. You may exit the main menu at any time without making any adjustments by pressing the **MENU** button.

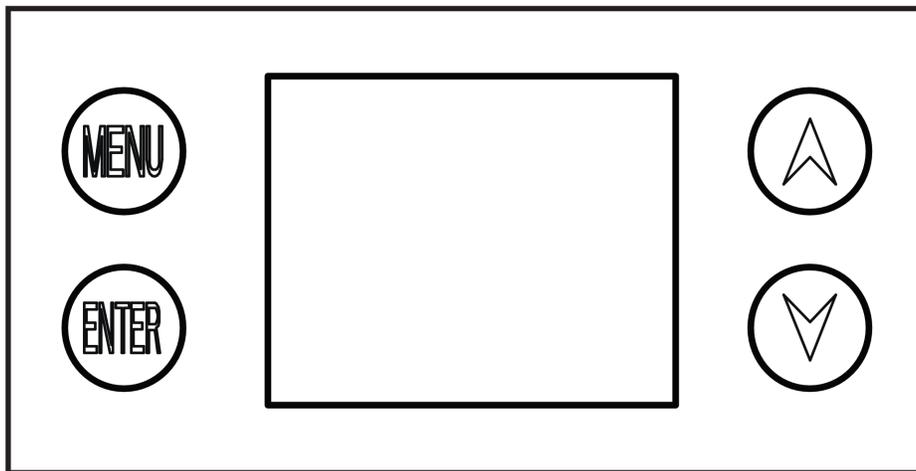
SYSTEM LOCK/UNLOCK: When the display lock function is activated, the display and system menu will lock after 10 seconds of no activity. To **UNLOCK** the display, press and **HOLD** the **MENU** button for 10+ seconds.

While pressing the **MENU** button, a timer will appear at the bottom of the display indicating the passing seconds from 0-9. Once the timer reaches 9 seconds, the display will unlock allowing access to the system menu.

DO NOT RELEASE THE MENU BUTTON UNTIL THE DISPLAY IS UNLOCKED.

If the **MENU** button is released before the timer reaches 9 seconds and/or is unlocked, the display will not unlock and the time will be reset.

NOTE: The timer will not appear in the display if the lock function is disabled.



SYSTEM MENU

| Menu | Submenu | Options | Description |
|----------------|-----------------------------|--|--------------------------------------|
| DMX | DMX Address | 001-512 | DMX Addressing |
| | DMX CH Mode | 7CH / 9CH / 11CH | DMX Channel Mode Selection |
| | No DMX Status | Hold Last / Blackout / Manual | DMX Lost Status |
| Personality | Status Settings | Pan Invert: ON / OFF | Reverse Pan Motion |
| | | Tilt Invert: ON / OFF | Reverse Tilt Motion |
| | | P/T Feedback: ON / OFF | Pan/Tilt Movement Feedback |
| | | P/T Speed: Speed 1 / Speed 2 | Pan/Tilt Movement Speed |
| | | Hibernation: Off / 01M ~ 99M / 15M | Sleep Setting (No Activity) |
| | Fan Settings | Head: Auto / High / Silent (Low) | Fan Speed Setting |
| | Dim Modes | Standard /Stage/TV/Architectural/Theatre/Stage2 Dim Speed 0.1S~10S | Dimming Curve Modes Dimming Speed |
| | LED Refresh Rate | 900Hz/1000Hz/1100Hz/ 1200Hz /1300Hz/1400Hz /1500Hz | LED Refresh Setting |
| | Gamma | 1.0/ 2.0 /2.2/2.4/2.6/2.8 | Gamma Brightness |
| | Reset Motors | Reset All Motors: YES / NO | Reset All Motors |
| | | Pan/Tilt Reset: YES / NO | Reset the Pan & Tilt Motors |
| | | Zoom Reset: YES / NO | Reset the Zoom Motor |
| | Display | Intensity: 1~ 10 (Dimmest-Brightest) | Display Inversion |
| | | Display Invert: YES / NO | Display Inversion |
| | | Screen Savor Delay: OFF~10M | Display Shutoff Time |
| | | Display Lock: ON / OFF | Display Control Lock |
| | Service (Pass Code = 50) | Effect Adjust: Pan/Tilt/Zoom (-128~127) | Calibration |
| | | USB Port Power: ON / OFF | USB Port Activation |
| | | Update Software: YES / NO | Software Update |
| | | Factory Restore: YES / NO | Restore Factory Settings |
| Manual Control | Pan | 000~255 | Manual Control Settings |
| | Pan Fine | 000~255 | |
| | Tilt | 000~255 | |
| | Tilt Fine | 000~255 | |
| | Shutter | 000~255 | |
| | Dimmer | 000~255 | |
| | Zoom | 000~255 | |
| | Special Functions | 000~255 | |

SYSTEM MENU

| Menu | Submenu | Options | Description |
|----------------------------------|--|--|---|
| Information | Fixture Life Time | Power On Time - XXXXXX Hours | Total Running Time (Not Resettable) |
| | | P-On Time-R - XXXXXX Hours | Total Running Time (Resettable) |
| | | P-On Time Reset - YES/ON (Pass Code = 50) | Reset Total Running Time |
| | Total LED Time | LED On Time - XXXXXX Hours | Total LED On Running Time (Not Ressetable) |
| | | LED On Time-R - XXXXXX Hours | LED On Running Time (Resettable) |
| | | LED Time Reset - YES/NO (Pass Code = 50) | Reset LED Running Time |
| | Fixture Temps | Current - XXX° | Current Temperature |
| | | Max. Resettable - XXX° | Maximum Temperature* Reached (Resettable) |
| | | Max. Not Resettable - XXX° | Maximum Temperature** Reached (Not Resettable) |
| | | Rst Temp History (Pass Code = 50) | Reset Temperature |
| | Fan Info. (RPM) | Base_Fan - XXX | Base Fan Speed |
| | | LED_Fan - XXX | LED Fan Speed |
| | DMX Values | Pan | Current DMX Values |
| | | Tilt | |
| | | Zoom | |
| | Error Logs | Fixture Errors | List of Errors (One by One) |
| Reset Error Log - Pass Code = 50 | | Clear the Error Log | |
| Max. Temp LED ON | 32~167°F, 113°F*** , 0~75°C, 45°C*** | Fixture Temp. (LED On) | |
| High Temp LED OFF | 169~194°F, 169°F*** , 76~90°C, 76°C*** | Fixture Temp. (LED Off) | |
| Software Version | X.XX | Current Software Version | |

NOTES:

*Current Maximum Temperature - Maximum fixture temperature that has been recorded, before reset and after reset.

**Maximum Temperature - Overall maximum fixture temperature that has been recorded. (Not Resettable)

***Normal Operating Temperature

SYSTEM MENU

ACCESS THE MAIN MENU BY PRESSING THE MENU BUTTON FOR AT LEAST 5 SECONDS.

DMX Address - DMX Address Setting.

1. Access the main menu and press the UP or DOWN buttons so that “**DMX Settings**” is highlighted and press **ENTER**.
2. Press the UP or DOWN buttons until “**DMX Address**” is highlighted and press **ENTER**.
3. The current DMX address will now be displayed. Press the **UP** or **DOWN** buttons to find your desired DMX address and press **ENTER** to confirm your setting. Press the **MENU** button to exit without any changes.

DMX CH Mode - This will let you select your desired DMX channel mode.

1. Access the main menu and press the UP or DOWN buttons so that “**DMX Settings**” is highlighted and press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**DMX CH Mode**” is highlighted and press **ENTER**.
3. The current DMX channel mode will now be displayed. Press the **UP** or **DOWN** buttons to find your desired DMX channel mode and press **ENTER** to confirm your setting. Press the **MENU** button to exit without any changes.

No DMX Status - This mode is used as a precaution mode. In case the DMX signal is lost or interrupted, the operating mode chosen in this setup is the running mode the fixture will revert to when the DMX signal is lost.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**DMX Settings**” is highlighted and press **ENTER**.
2. Press either the **MENU**, **UP**, or **DOWN** buttons until “**No DMX Status**” is highlighted and press **ENTER**.
3. Press the **UP** or **DOWN** buttons to find the operating mode you would like the unit to automatically revert to if the DMX signal is lost or interrupted.
 - **Hold Last** - If the DMX signal is lost or interrupted, the unit will stay in the last DMX setting.
 - **Blackout** - If the DMX signal is lost or interrupted, the unit will automatically go into standby mode.
 - **Manual** - If the DMX signal is lost or interrupted, the unit will default to the settings made under the
 - “Manual Control” function.
4. Once you have found your desired setting press **ENTER** to confirm. Press the **MENU** button to exit.

Pan Invert - With this function, you can reverse the Pan movement.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Personality**” is highlighted and press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Pan Invert**” is highlighted and press **ENTER**.
3. Use the **UP** or **DOWN** buttons to switch between “**YES**” and “**NO**”. Selecting “**YES**” will activate pan inverse, “**NO**” will deactivate the function.
4. Press the **ENTER** button to confirm your setting or press the **MENU** button to exit.

Tilt Invert - With this function, you can reverse the Tilt movement.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Personality**” is highlighted and press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Tilt Invert**” is highlighted and press **ENTER**.
3. Use the **UP** or **DOWN** buttons to switch between “**YES**” and “**NO**”. Selecting “**YES**” will activate tilt inverse, “**NO**” will deactivate the function.
4. Press the **ENTER** button to confirm your setting or press the **MENU** button to exit.

SYSTEM MENU

P./T. Feedback - With this function, you have the pan and tilts position feedback while out of step or not feedback while out of step.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Personality**” is highlighted and press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**P/T Feedback**” is highlighted and press **ENTER**.
3. Use the **UP** or **DOWN** buttons to switch between “**YES**” and “**NO**”. Selecting “**YES**” will activate feedback, “**NO**” will deactivate the function.
4. Press the **ENTER** button to confirm your setting or press the **MENU** button to exit.

P./T. Speed- With this function, you are able adjust the speed of the pan and tilt movement.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Personality**” is highlighted and press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**P/T Speed**” is highlighted and press **ENTER**.
3. Use the **UP** or **DOWN** buttons to adjust pan/tilt movement speed.
4. Press the **ENTER** button to confirm your setting or press the **MENU** button to exit.

Hibernation - With this function the LEDs and step motors will power off if there is no DMX signal within 15 mins (factory default). Once it receives a DMX signal, the fixture will reset itself.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Personality**” is highlighted and press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Hibernation**” is highlighted then press **ENTER**.
3. The current stand by setting will be displayed, use the **LEFT** or **RIGHT** buttons to adjust the hibernation period between “**01M-99M**” or “**Off**”.
4. Press the **ENTER** button to confirm your setting or press the **MENU** button to exit.

Fan Settings - With this function, you can select your desired fan speed.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Personality**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Fan Speed**” is highlighted and press **ENTER**.
3. Use the **UP** or **DOWN** buttons to scroll through the settings.
4. Press the **ENTER** button to confirm your setting or press the **MENU** button to exit.

Dim Modes - This will let select your desired dimmer mode. In this mode the dimmer speed can also be adjusted. The dimmer speed adjustment will affect all dimmer modes.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Personality**” is highlighted then press **ENTER**.
2. 1 of 6 dimmer curves or dim speed will be displayed. “**Standard**”, “**Stage**”, “**TV**”, “**Architectural**”, “**Theatre**”, or “**Stage 2**”. See the dimmer mode chart on page 25 for more info.
3. Press the **UP** or **DOWN** buttons to find your desired dimmer curve.
4. Press the **ENTER** button to confirm your setting or press the **MENU** button to exit.

LED Refresh Rate - With this function you can adjust the dimming frequency.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Personality**” is highlighted then press **ENTER**.
2. Use the **UP** or **DOWN** buttons to adjust the dimming frequency between 900hz, 1000hz, 1100hz, 1200hz, 1300hz, 1400hz, 1500hz, 6000hz, or 25000hz.
3. Press the **ENTER** button to confirm your setting or press the **MENU** button to exit.

SYSTEM MENU

Gamma - In this menu you are able to make gamma corrections.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Personality**” is highlighted then press **ENTER**.
2. Use the **UP** or **DOWN** buttons to adjust the gamma brightness.
3. Once you have found your desired setting press **ENTER** to confirm.

Reset Motors - This will allow you to reset the pan/tilt motor, zoom motor, or all motors.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Personality**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Reset.Motor**” is highlighted, then press **ENTER**.
3. Press the **UP** or **DOWN** buttons to find the motors you would like to reset.
4. Press the **ENTER** button to reset or press the **MENU** button to exit.

Display - This submenu has four functions: (1). Adjust the display intensity (2). Invert the display (3). Activate and adjust the display screen blackout time (4). Activate and deactivate the display control panel lock.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Personality**” is highlighted then press **ENTER**.
2. Use the **UP** or **DOWN** buttons to switch between “**Intensity**”, “**Display Invert**”, and “**Screen Saver Delay**”. Press the **ENTER** button to select the setting you would like to adjust.
3. Use the **UP** or **DOWN** buttons to toggle between “**ON**” and “**OFF**” for each function.
 - **Intensity** - Use the **UP** or **DOWN** buttons to adjust the display intensity between “**1**” being the dimmest and “**10**” being the brightest. Press the **ENTER** button to confirm your adjustment.
 - **Display Invert** - “**YES**” will invert the display, and “**NO**” will keep the display the same . Press the **ENTER** button to confirm your adjustment.
 - **Screen Saver Delay** - Use the **UP** or **DOWN** buttons to adjust the display intensity between “**1**” being the dimmest and “**10**” being the brightest. Press the **ENTER** button to confirm your adjustment.
 - **Display Lock** - “**ON**” will lock the display control after 30 seconds, and “**OFF**” will leave the display control unlocked. To unlock the display press the **MENU** button for at least 5 seconds.
4. Once you have found your desired settings press the **ENTER** button to confirm.

Service - This submenu has four functions: (1). Unit calibration (2). Activate the USB port power (3). Update the unit software (4). Reset the unit to default settings.

NOTE: ONLY QUALIFIED TECHNICIANS SHOULD PERFORM THE CALIBRATION FUNCTION.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Personality**” is highlighted then press **ENTER**.
2. Use the **UP** or **DOWN** buttons to switch between “**Effect Adjust**”, “**USB Port Power**”, “**Update Software**”, and “**Factory Restore**”. Press the **ENTER** button to select the function you would like to adjust.
 - **Effect Adjust** - This is the calibration adjustment function. The calibration for Pan, Tilt, and Zoom can be adjusted. **NOTE: ONLY QUALIFIED TECHNICIANS SHOULD PERFORM THE CALIBRATION FUNCTION.**
 - **USB Port Power** - This is the power activation for the USB port. This function needs to be activated to use the **UPDATE SOFTWARE** function.
 - **Update Software** - This function is used for any future software updates. Check www.adj.com and this units webpage for any software updates. Download the software update to a flash stick and plug the flash stick into the Flash Drive slot located on the front of the unit. Contact ADJ customer service for help when updating software.
 - **Factory Restore** - This function will allow you to return the unit to its factory settings. Use the **UP** or **DOWN** buttons to switch between “**YES**” or “**NO**”. Selecting “**YES**” and pressing **ENTER** will reset the unit to its factory settings.
3. Press the **MENU** button to exit.

SYSTEM MENU

Manual Control - This function will allow you to manually adjust the pan, tilt, shutter, dimmer, zoom, and special functions. **NOTE:** The “No DMX Status” setting **MUST** be set to “Manual” for this operational mode to work. Please see “No DMX Status” on page 16 for more information.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Personality**” is highlighted then press **ENTER**.
2. Use the **UP** and **DOWN** buttons to switch between the available adjustable functions. Press the **ENTER** button to select the function you would like to adjust.
3. Use the **UP** and **DOWN** buttons to adjust the values of the selected function. Press the **ENTER** button after you have made your desired adjustments.
4. Repeat steps 2 & 3 to continue to make adjustments. Press the **MENU** button to exit.

Power On Time - With this function you are able to check the total power **ON** running time of the unit. This time can **NOT** be reset.

NOTE: The displayed time represents the total power **ON** running time.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Fixture Life Time**” is highlighted and press **ENTER**.
3. Press the **UP** or **DOWN** buttons until “**Power On Time**” is highlighted and press **ENTER**.
4. The total power **ON** running time of the fixture will now be displayed. Press the **MENU** button to exit.

P-On Time-R - With this function you are able to check current power **ON** running time of the unit. This running time may not be the same as the total power **ON** running time displayed under “**POWER ON TIME**”. This time **CAN** be reset.

NOTE: The displayed time represents the current power **ON** running time since the last reset.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Fixture Life Time**” is highlighted and press **ENTER**.
3. Press the **UP** or **DOWN** buttons until “**P-On Time-R**” is highlighted and press **ENTER**.
4. The power **ON** running time of the fixture will now be displayed. Press the **MENU** button to exit.

P-On Time Reset - With this function you can reset the current power **ON** running time that is displayed under “**P-ON TIME-R**”.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Fixture Life Time**” is highlighted and press **ENTER**.
3. Press the **UP** or **DOWN** buttons until “**P-On Time Reset**” is highlighted and press **ENTER**.
4. Use the **UP** or **DOWN** buttons to set the pass code to “**50**” and press **ENTER**. The **P-ON TIME-R** will now be reset to “**0**”

LED On Time - With this function you are able to check the total **LED ON** time. This total **LED On** time can **NOT** be reset.

NOTE: The displayed time represents the total **LED ON** time.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Fixture Life Time**” is highlighted and press **ENTER**.
3. Press the **UP** or **DOWN** buttons until “**LED On Time**” is highlighted and press **ENTER**.
4. The total power **ON** running time of the fixture will now be displayed. Press the **MENU** button to exit.

SYSTEM MENU

LED On Time-R - With this function you are able to check current LED ON running time of the unit. This running time may not be the same as the total LED ON time displayed under “LED ON TIME”. This total LED ON time CAN be reset.

NOTE: The displayed time represents the current LED ON time since the last reset.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Fixture Life Time**” is highlighted and press **ENTER**.
3. Press the **UP** or **DOWN** buttons until “**LED On Time-R**” is highlighted and press **ENTER**.
4. The power **ON** running time of the fixture will now be displayed. Press the **MENU** button to exit.

LED Time Reset - With this function you can reset the current LED ON time that is displayed under “LED ON TIME-R”.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Fixture Life Time**” is highlighted and press **ENTER**.
3. Press the **UP** or **DOWN** buttons until “**LED Time Reset**” is highlighted and press **ENTER**.
4. Use the **UP** or **DOWN** buttons to set the pass code to “**50**” and press **ENTER**. The **LED ON TIME-R** will now be reset to “**0**”.

Current - With this function you can check the current temperature of the LED.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Fixture Temps**” is highlighted and press **ENTER**.
3. Press the **UP** or **DOWN** buttons until “**Current**” is highlighted and press **ENTER**.
4. The current temperature of the **LED** will now be displayed. Press the **UP** or **DOWN** buttons to switch between Fahrenheit and Celsius. Press the **MENU** button to exit.

Max Resettable - With this function you are able to check the current highest temperature the LED has reached. This LED temperature may not be the same as the temperature displayed under “**CURRENT**” or “**MAX NOT RESETTABLE**”. This LED temperature CAN be reset.

NOTE: The displayed temperature represents the highest temperature the LED has reached since the last reset.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Fixture Temps**” is highlighted and press **ENTER**.
3. Press the **UP** or **DOWN** buttons until “**Max Resettable**” is highlighted and press **ENTER**.
4. The highest LED temperature will now be displayed. Press the **UP** or **DOWN** buttons to switch between Fahrenheit and Celsius. Press the **MENU** button to exit.

Max Not Resettable - With this function you are able to check the highest temperature the LED has reached. This LED temperature can NOT be reset, and could continue rise.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Fixture Temps**” is highlighted and press **ENTER**.
3. Press the **UP** or **DOWN** buttons until “**Max Not Resettable**” is highlighted and press **ENTER**.
4. The fixtures highest temperature will now be displayed. Press the **UP** or **DOWN** buttons to switch between Fahrenheit and Celsius. Press the **MENU** button to exit.

SYSTEM MENU

LED On Time-R - With this function you are able to check current LED ON running time of the unit. This running time may not be the same as the total LED ON time displayed under “LED ON TIME”. This total LED ON time CAN be reset.

NOTE: The displayed time represents the current LED ON time since the last reset.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Fixture Life Time**” is highlighted and press **ENTER**.
3. Press the **UP** or **DOWN** buttons until “**LED On Time-R**” is highlighted and press **ENTER**.
4. The power **ON** running time of the fixture will now be displayed. Press the **MENU** button to exit.

Reset LED Temps - With this function you can reset the **MAX RESETTABLE LED** temperature.

NOTE: When the temperature is reset, the temperature will revert to the **CURRENT LED** temperature.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Fixture Temps**” is highlighted and press **ENTER**.
3. Press the **UP** or **DOWN** buttons until “**Reset LED Temps**” is highlighted and press **ENTER**.
4. Use the **UP** or **DOWN** buttons to set the pass code to “**50**” and press **ENTER**. The **MAX RESETTABLE LED** temperature will now reset to the **CURRENT LED** temperature.

Fan Info. (RPM) - With this function you can check the speed of the base fan and LED fan.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Fan Info.**” is highlighted and press **ENTER**.
3. Use the **UP** or **DOWN** buttons to switch between “**Base_fan**” and “**LED_fan**”. Press the **ENTER** button to select the fan speed you would like check.
4. The current speed of the select fan will now be displayed. Press the **MENU** button to exit.

DMX Values - With this function you can check the **DMX values** of each **DMX channel** that is **currently in use**.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**DMX Values**” is highlighted and press **ENTER**.
3. Use the **UP** or **DOWN** buttons to find the **DMX channel** you would like check and press **ENTER**. The current **DMX value** of that channel will now be displayed. Press the **MENU** button to exit.

Error Logs - With this function you can check any errors that might be affecting the unit and reset the error logTurn.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Error Logs**” is highlighted and press **ENTER**.
3. Use the **UP** or **DOWN** buttons to switch between “**Fixture Errors**” and “**Reset Error Log**”. Press the **ENTER** button to make your selection.
 - **Fixture Errors** - This will give you a rundown of any errors that the fixture might have encountered.
 - **Reset Error Log** - This will allow you to reset the **Error Log**. The pass code is “**50**”.
4. Press the **MENU** button to exit the menu.

SYSTEM MENU

Max Temp LED ON - With this function you can check the current temperature of the fixture.

Note: This reflects the temperature of the fixture when the LED is On.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Max Temp LED ON**” is highlighted and press **ENTER**.
3. The fixtures current LED On temperature will now be displayed. Press the **UP** or **DOWN** buttons to switch between Fahrenheit and Celsius. Press the **MENU** button to exit.

Max Temp LED OFF - With this function you can check the current temperature of the fixture.

Note: This reflects the temperature of the fixture when the LED is Off.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Max Temp LED OFF**” is highlighted and press **ENTER**.
3. The fixtures current LED Off temperature will now be displayed. Press the **UP** or **DOWN** buttons to switch between Fahrenheit and Celsius. Press the **MENU** button to exit.

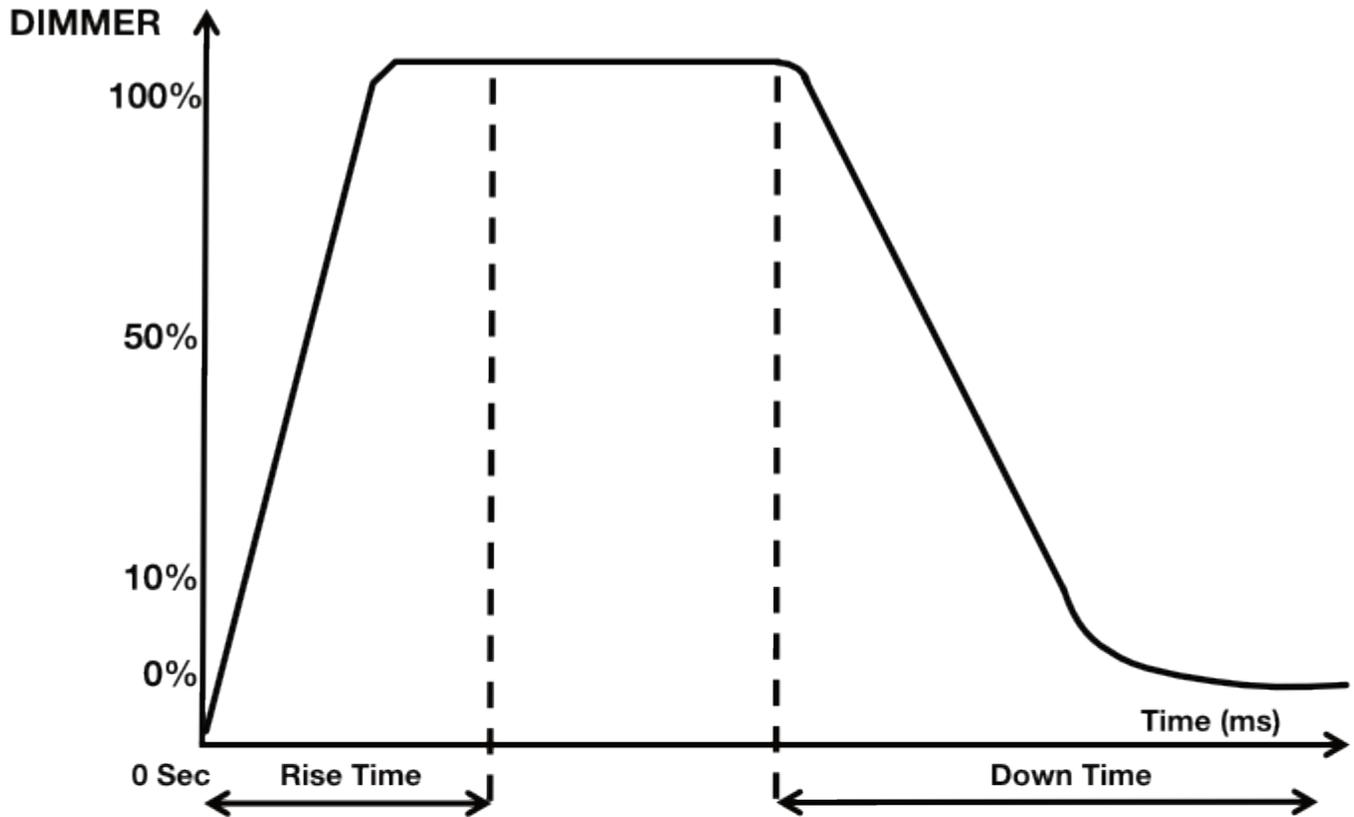
Software Version - Use this function to display the Software version of the unit.

1. Access the main menu and press the **UP** or **DOWN** buttons so that “**Information**” is highlighted then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Software Version**” is highlighted and press **ENTER**.
3. The current software version will now be displayed.

DMX TRAITS: CHANNEL FUNCTIONS & VALUES (7/9/11 DMX Channels)

| 7 CH | 9 CH | 11 CH | Values | Functions |
|------|------|-------|---------|--|
| 1 | 1 | 1 | 000-255 | PAN MOVEMENT 8-BIT: 0-100% (0° - 540°) |
| | 2 | 2 | 000-255 | PAN FINE 16-BIT |
| 2 | 3 | 3 | 000-255 | TILT MOVEMENT 8-BIT: 0-100% (0° - 200°) |
| | 4 | 4 | 000-255 | TILT FINE |
| | | | | SHUTTER & STROBING |
| | | 5 | 000-031 | LED OFF |
| | | | 032-063 | LED ON |
| | | | 064-095 | STROBING SLOW FAST |
| | | | 096-127 | LED ON |
| | | | 128-159 | PULSE STROBING |
| | | | 160-191 | LED ON |
| | | | 192-223 | RANDOM STROBING SLOW-FAST |
| | | | 224-255 | LED ON |
| 3 | 5 | 6 | 000-255 | MASTER DIMMER: 0-100% |
| 4 | 6 | 7 | 000-255 | MASTER DIMMER FINE: 0-100% |
| 5 | 7 | 8 | 000-255 | ZOOM: 10° - 40° |
| | | | | DIMMER MODES |
| | | 9 | 000-020 | STANDARD |
| | | | 021-040 | STAGE |
| | | | 041-060 | TV |
| | | | 061-080 | ARCHITECTURAL |
| | | | 081-100 | THEATRE |
| | | | 101-120 | STAGE 2 |
| | | | 121-140 | DIMMER SPEED FAST-SLOW (0.1-10S) |
| | | | 141-255 | DEFAULT TO UNIT SETTING |
| 6 | 8 | 10 | 000-255 | PAN/TILT MOVEMENT SPEED: SLOW-FAST |
| | | | | SPECIAL FUNCTIONS |
| | | 11 | 000-069 | NO FUNCTION |
| | | | 070-079 | BLACKOUT WITH PAN/TILT MOVEMENT ENABLED |
| | | | 080-089 | BLACKOUT WITH PAN/TILT MOVEMENT DISABLED |
| | | | 090-099 | RESET ALL |
| | | | 100-109 | RESET ZOOM |
| | | | 110-119 | RESET PAN/TILT |
| | | | 120-255 | NO FUNCTION |

DIMMER MODE CHART



| Dimming Curve 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 |

MULTIPLE POWER LINKING

With this feature you can connect the fixtures to one another using the power cable input and output sockets.

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

CLEANING

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all parts completely before plugging the unit back in.

Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew).

SPECIFICATIONS

Optical:

- 200W Warm White COB (Chip On Board) LED engine (3000K)
- Motorized Zoom: 9 ~ 43-degrees
- CRI: 96
- 15391 LUX @ 1M; 616 LUX @ 5M (zoomed out)
- 234685 LUX @ 1M; 9387 LUX @ 5M (zoomed in)

Connections:

- Locking power In/Out to daisy chain power
- 3-pin & 5-pin XLR, In/Out DMX Connections
- Built-in USB software upgrade port
- With Wired Digital Communication Network

Control:

- 3 DMX Channel Modes: 7, 9, & 11-channels
- Color display with touch button
- DMX-512 & RDM (Remote Device Management)
- Pan: 540-degrees (plus 16-bit Fine Pan)
- Tilt: 200-degrees (plus 16-bit Fine Tilt)
- 6 Dimmer Curve Modes + 16-bit Fine Dimming
- Strobe & Shutter Control

Electrical:

- Multi-voltage operation: 100-240V, 50/60Hz
- Power Consumption: 233W max

Dimensions / Weight:

- Dimensions (LxWxH): 12.05"x8.7"x17.63" / 306.7x221x448mm
- Weight: 25 lbs. / 11.3 kg.

What's In The Box:

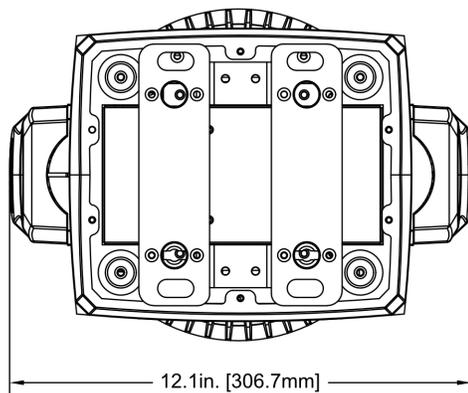
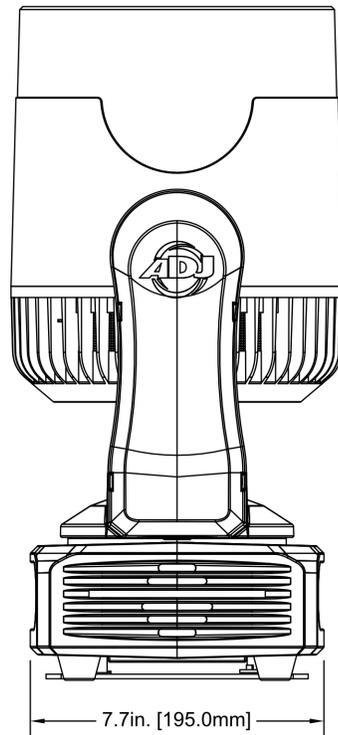
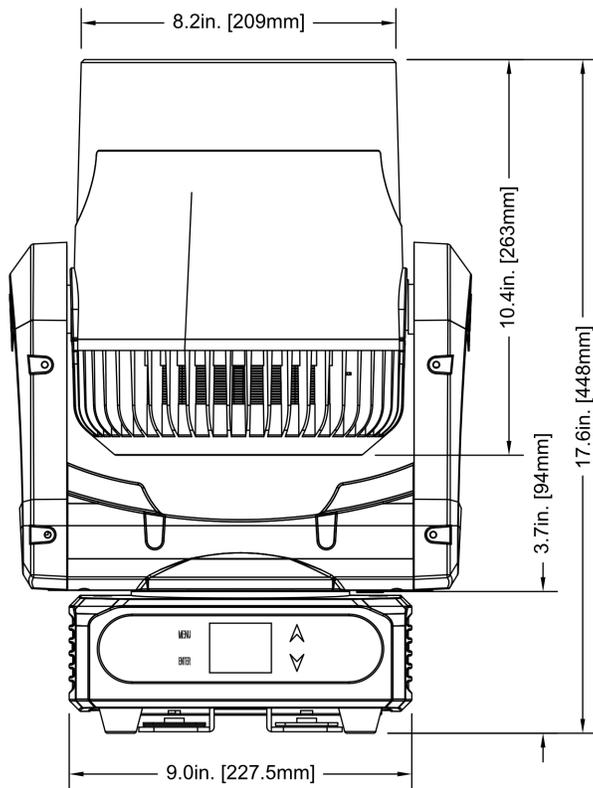
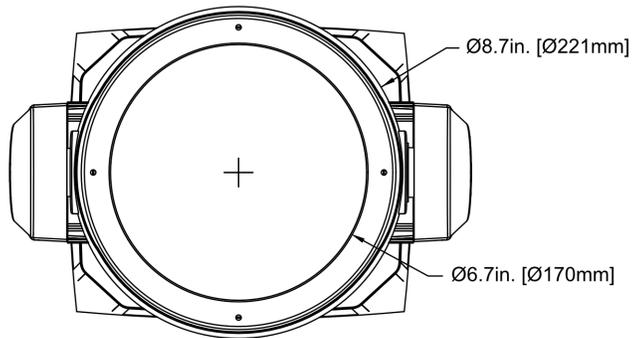
- Two Omega Brackets
- Locking power cable

Approvals:

- cETLus Approved (Control #4000358)



DIMENSIONS



FCC STATEMENT

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

FCC RADIO FREQUENCY INTERFERENCE WARNINGS & INSTRUCTIONS

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

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

Europe Energy Saving Notice

Energy Saving Matters (EuP 2009/125/EC)

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



