# ELEMENT H6 PAK
# ELEMENT H6 PAK CHR

## User Manual

**⚠CAUTION**

**HIGH INTENSITY ULTRAVIOLET LIGHT**

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

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

## 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 Channels | Notes |
|------|------------------|------------------|--------------|-------|
| 01/09/2023 | 1 | 1.00 | 6 / 8 / 9 / 12 / 14 / 15 / 17 ch. | Initial Version |

Europe Energy Saving Notice
Energy Saving Matters (EuP 2009/125/EC)
Saving electric energy is a key to help protecting the enviroment. 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!

# TABLE OF CONTENTS

# GENERAL INFORMATION

**Introduction:** Package Includes: 6x Element H IP fixtures (Black) packaged in an Element H6 FC with IR remote, AC Cable and charging system

Please keep this manual with the device for future reference.

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

*Parts:* To purchase parts online visit:
http://parts.adj.com  **(US)**
http://www.adjparts.eu  **(EU)**

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**WARNING!** To prevent or reduce the risk of electrical shock or fire, do not expose the flight case to rain or moisture.

**CAUTION!** There are no user serviceable parts inside these units. Do not attempt any repairs yourself, as doing so will void your manufacturer's warranty. In the unlikely event your unit may require service, please contact ADJ Products, LLC.

Do not discard the shipping cartoon in the trash. Please recycle when ever possible.

# KEY FEATURES

**INCLUDED ITEMS:**
- Element H IP or Element H IP CHR fixtures (x6)
- Element H6 FC flight case (x1)
- UC IR24 Remote (x1)
- AC Cable and Charging System (x1)

**IP RATING:**

An IP rated lighting fixture is commonly installed in outdoor environments and has been designed with an enclosure that effectively protects the ingress (entry) of external foreign objects such as dust and water. The Ingress Protection (IP) rating system is commonly expressed as "IP" followed by two numbers (i.e. IP54), 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 IP54 rated lighting fixture, such as the ones included in this pack, has been designed such that ingress of dust is NOT entirely prevented, but will not enter in sufficient quantity to interfere with satisfactory operation of the device (5). The fixture is also protected against splashing water (4).**
- *CAUTION! The IP54 rating applies ONLY to the Element H IP fixtures! The flight case, IR remote, and charging system are NOT protected from dust or water intrusion of any kind, and therefore should be used only in dry, indoor applications.*

# WARRANTY RETURNS

All returned service items, whether under warranty or not, must be freight pre-paid and accompanied by 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 included in the shipping carton. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. You may obtain an R.A. number by contacting our customer support team. All packages returned to the service department not displaying an R.A. number on the outside of the package will be returned to the shipper.

# 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 the product back—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 prepaid. 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 and packaging material. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products, LLC shall incur no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.

C.  This warranty is void if the product serial number and/or labels are 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 serviced by anyone other than the ADJ Products, LLC factory unless prior written authorization was issued to purchaser by ADJ Products, LLC; if the product is damaged because it was not properly maintained as set forth in the product instructions, guidelines and/or user 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 all warranties, whether expressed or implied, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. 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 Product, LLC be liable for any loss and/or damage, direct and/or consequential arising out of the use of, and/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.

**MANUFACTURER'S LIMITED WARRANTY PERIODS:**

•  Non-LED Lighting Products = 1-Year (365 Days) (Including Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands, Power/Data Distribution, etc. excluding LED and lamps)
•  Laser Products = 1-Year (365 Days) (excluding laser diodes which have a 6-Month Limited Warranty)
•  LED Products = 2-Year (730 Days) (excluding batteries which have a 180 Day Limited Warranty)
•  NOTE: 2-Year (730 Days) Limited Warranty ONLY applies to product purchased within the United States. StarTec Series = 1-Year (365 Days) (excluding batteries which have a 180 Day Limited Warranty)
•  ADJ DMX Controllers = 2 Year (730 Days)
•  American Audio Products = 1 Year (365 Days)

# SAFETY GUIDELINES

### *For Your Own Personal Safety, Please Read and Understand This Manual Completely Before You Attempt To Install Or Operate This Unit!*

- Be sure to save the packing carton in the unlikely event the device has to be returned for service.
- Do not spill water or other liquids into or on to the charging system, flight case, or IR remote.
- Be sure that the voltage of the power source matches the required voltage for the device.
- Do not open up the device for any reason. There are no user serviceable parts inside.
- Disconnect the device's main power when left unused for long periods of time.
- Never connect this device to a dimmer pack.
- Do not attempt to operate this device if it has been damaged in any way.
- Never operate this device with the cover removed.
- To reduce the risk of electrical shock or fire, do not expose the charging system, flight case, or IR remote to rain or moisture.
- Do not attempt to operate this device if the power cord has been frayed or broken.
- Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in the event of an internal short.
- Disconnect from main power before making any type of connection.
- Never block the ventilation holes. Always be sure to mount this device in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- This flight case and charging system are intended for indoor use only. Use of these devices outdoors voids all warranties.
- Always mount this unit in a safe and stable matter.
- Please route your power cord out of the way of foot traffic. Power cords should be routed so they are not likely to be walked on, or pinched by items placed upon or against them

**Operating temperature range for this fixture is -4 to 113 degrees F (-20 to 45 degrees C). Do not operate this device when ambient temperature falls outside this range!**

**Keep flammable materials away from this fixture!**

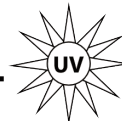**FLIGHT CASE AND CHARGING DEVICES ARE DESIGNED FOR INDOOR USE ONLY! DO NOT EXPOSE TO RAIN OR MOISTURE!**

The device should be serviced by qualified service personnel when:
A. The power-supply cord or the plug has been damaged.
B. Objects have fallen on, or liquid has been spilled into, the device.
C. The flight case or charging devices have been exposed to rain or water.
D. The appliance does not appear to operate normally or exhibits a marked change in performance.

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

**⚠ CAUTION**

**HIGH INTENSITY ULTRAVIOLET LIGHT**

UV

**AVOID DIRECT EYE & SKIN EXPOSURE.**
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**SEE MANUAL FOR SAFETY INSTRUCTIONS.**

# SAFETY GUIDELINES

This fixture is a sophisticated piece of electronic equipment. 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

**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!**

**IP54**
*APPLIES TO LIGHTING FIXTURE ONLY!*
**INGRESS OF DUST NOT ENTIRELY PREVENTED, BUT WILL NOT ENTER IN SUFFICIENT QUANTITY TO INTERFERE WITH OPERATION OF DEVICE. PROTECTED AGAINST WATER SPLASHES FROM ANY DIRECTION.**

# SAFETY GUIDELINES

**FLIGHT CASE LID**

When opening the flight case, the lid must be locked in place manually. The lid support prop is located on the right-hand side of the flight case, near the power cable storage compartment. The lower end of the prop is fixed to the flight case, and the free upper end contains a cut-out groove.

Once the lid has been opened, lift the upper end of the support bar and attach it to the recessed catch on the underside of the lid, along the right-hand side. Make sure that the catch is fully seated in the support bar's groove before reaching into the flight case.

***FAILURE TO PROPERLY FOLLOW THIS PROCEDURE CAN RESULT IN PERSONAL INJURY OR DAMAGE TO THE DEVICE, AS THE LID MAY SWING SHUT WITHOUT WARNING!***

See the illustration below for reference.

# OVERVIEW - FLIGHT CASE

**FLIGHT CASE**

Handles

Power In

Fuse

*Charging Indicator

Power out

Lid Latches

ADJ ELEMENT H6 PAK
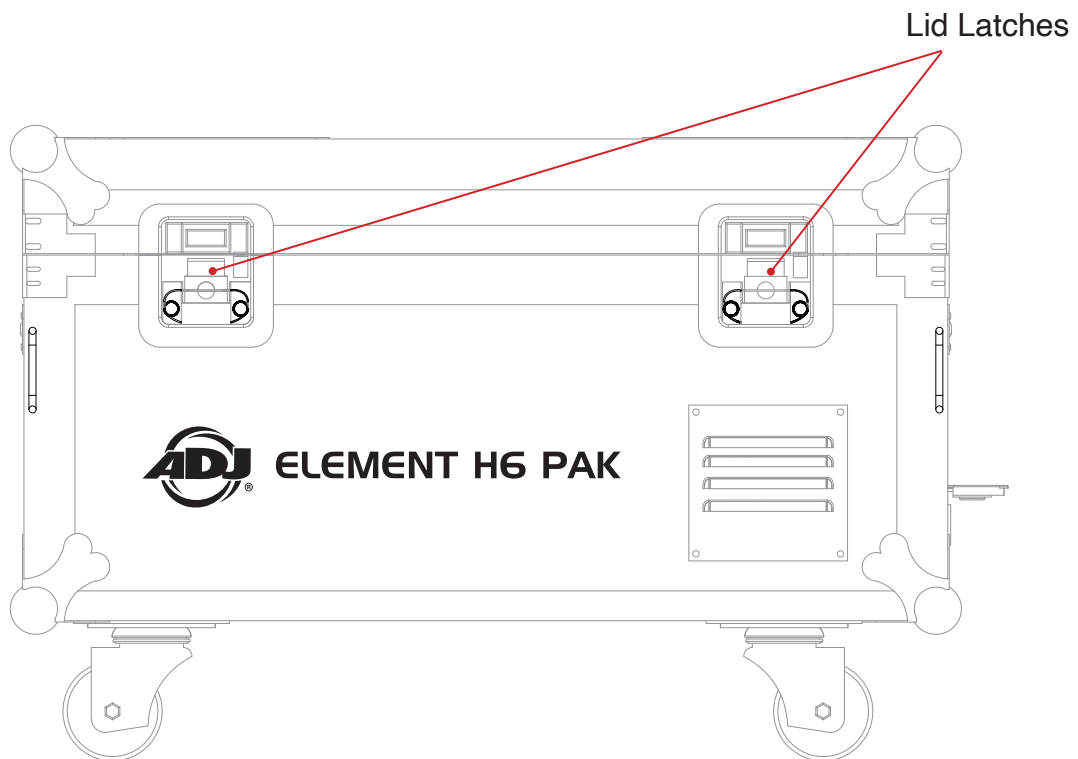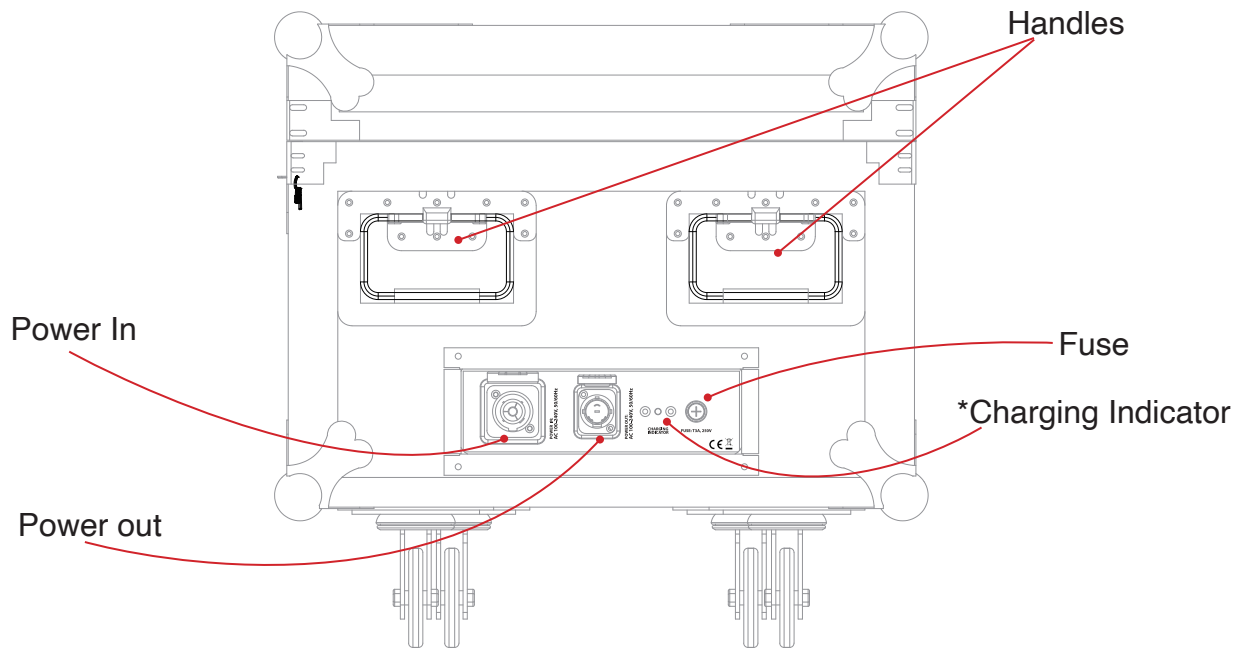
*Note: Charge indicator is red when charging, and green when complete. Charge indicator on the case displays charge status of the entire six-unit set. For individual charge status, please refer to the charge indicator on each individual unit.*

# OVERVIEW - LIGHTING FIXTURE

Display Screen

Safety Cable Eyelet

MODE  ENTER  UP  DOWN

Kensington Key Slot

Mode/Enter/Up/Down
Buttons

**ADJ**
www.adj.com
**POWER IN: DC 17V**

Charging Port

ON

Power Switch

OFF

CE

Kickstand Release

Kickstand
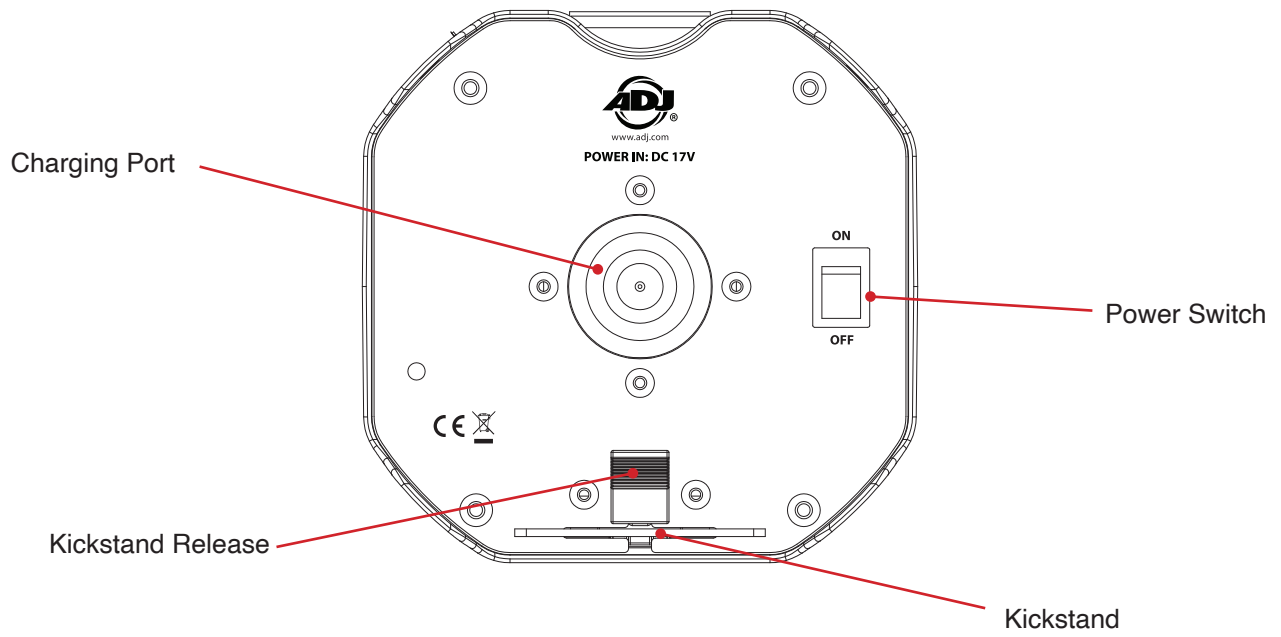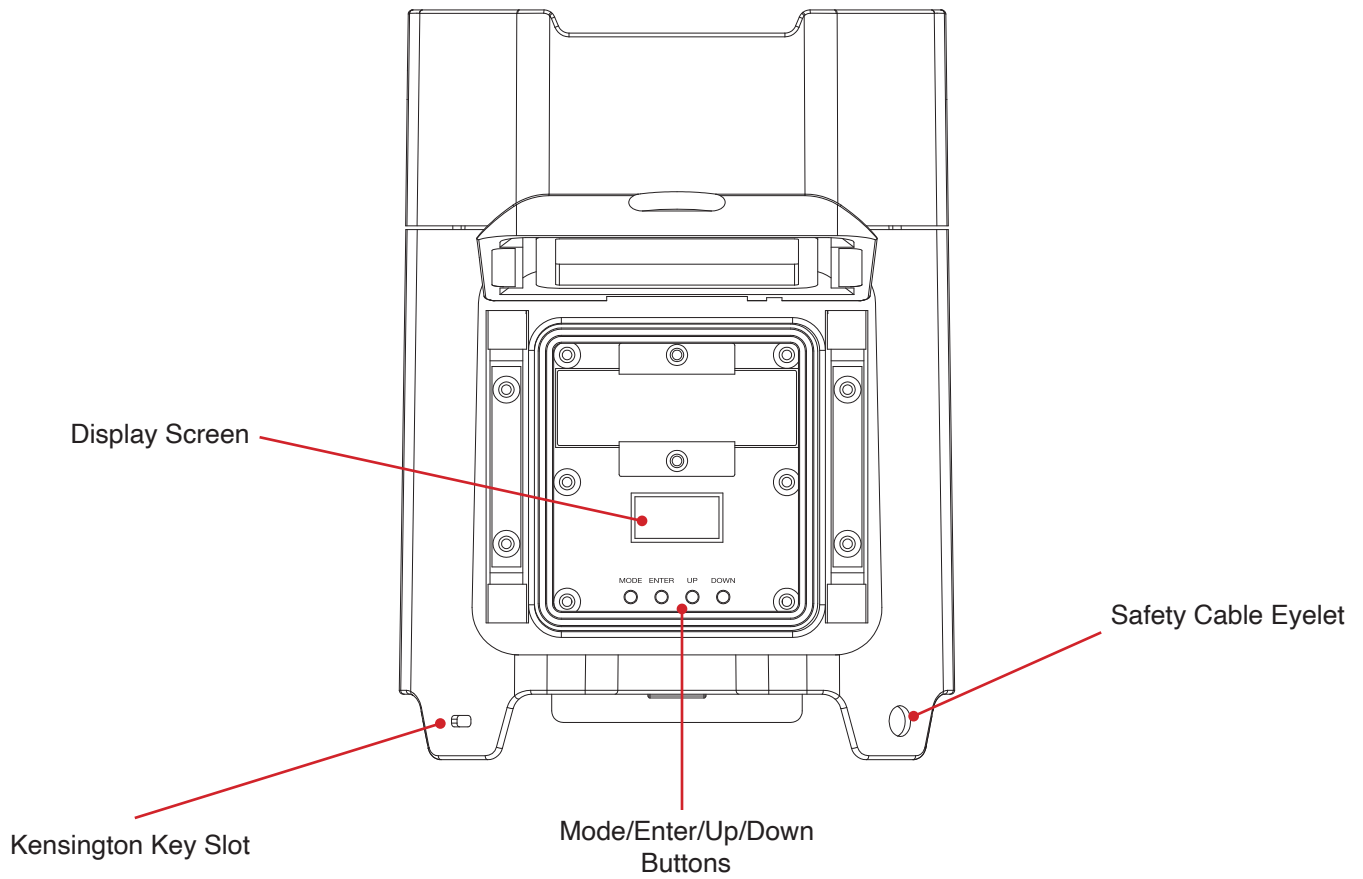
# WIFLY SETUP

**These devices do not feature physical DMX connector ports. Therefore, in order to utilize DMX control, the user must first set up the devices to run wireless DMX control. Follow the directions below to configure wireless DMX control:**

1. First, select the DMX Channel Mode for that you would like the device to operate in. Press MODE until the the "DMX Settings" menu is displayed on the screen. Use the UP or DOWN buttons to scroll to "DMX Channel Mode," then press the SETUP button.
2. Use UP or DOWN to scroll through the DMX Channel Mode options, then press SETUP to confirm your selection.
3. Next, enable the device's Wifly capability. Press MODE until the "Personality" menu is displayed on the screen, then use UP or DOWN to scroll to "Wifly Settings" and press SETUP.
4. Use UP or DOWN to scroll to "Enable Wifly," then press SETUP to select this option.
5. Use UP or DOWN once again to toggle this setting to "Yes," then confirm by pressing SETUP.
6. Next, select the Wifly channel. Press MODE until the "Personality" menu is displayed on the screen again, then use UP or DOWN to scroll to "Wifly Settings" and press SETUP.
7. Use UP or DOWN to scroll to "Set Wifly Channel," then press SETUP again.
8. Now use UP or DOWN to scroll to your desired Wifly channel. Selectable values range from 00 to 14.
9. Finally, set the DMX address. Press the MODE button until the "DMX Settings" menu is displayed on the screen, then use UP or DOWN to scroll to "DMX Address," then press SETUP.
10. Use the UP or DOWN buttons to scroll to your desired DMX address, then press SETUP to confirm your selection. Available values range from 001 to 512. Refer to the DMX Addressing section of this manual for detailed guidance. Repeat these steps for each individual unit that you wish to use.

# WIFLY SETUP

There are many factors that can affect and/or interrupt a wireless signal, including walls, glass, metal, objects, and people. Therefore, the following guidelines are recommended in order to maximize the chances of having a clear path for the wireless signal to reach the device:

- Install the device a minimum of 9.8 ft (3m) above audiences and/or ground level.
- Arrange the wireless antenna in an upright, vertical position.
- Position devices in direct line of sight of the transmitting controller.

Careful planning and testing of the selected installation location is critical to ensure optimum and reliable wireless operation.

9.8 ft (3m)
Above Ground

# IR REMOTE CONTROL

This unit can be operated using the ADJ UC IR24 remote control. **Please note that this unit can only be controlled when it has been set to Primary mode. The unit will NOT respond to commands when it has been set to Secondary mode.** When using the UC IR24 to control multiple units that are operating in primary/secondary mode, follow these steps to set up the units:

1. Power on the unit, and press MODE to scroll to the "Personality" menu, then press ENTER.
2. Use the UP and DOWN buttons to scroll to "Prim/Sec Mode". Press ENTER, then use the UP and DOWN buttons to toggle between "Primary" and "Secondary".
3. Press ENTER to confirm and return to the "Personality" menu.
4. Use UP and DOWN to scroll to "WiFly Settings" and press ENTER.
5. Use the UP and DOWN buttons select "Set WiFly Channel." Press ENTER and use UP and DOWN to set the unit to your desired WiFly channel. Repeat these steps for each unit. Please note that all units should be set to the same Wifly channel.

*NOTES:*
- Only one unit should be configured as the primary, while all the other units should be configured as secondaries.
- All units in the system should be set to the same WiFly channel. If all units are set to the same WiFly channel, and the units do not sync up and/or respond to commands, try using a different WiFly channel.
- All units should be set to the same DMX channel mode.
- If fixtures fail to sync, verify that all settings mentioned above are the same, then power all devices off, then switch them on again to re-establish the link.

## CONTROLS
- **ON and OFF:** When the ON button is pressed, the lighting fixture shall return to its last running state. When the OFF button is pressed, the unit shall go into stand by mode in a blackout state.
- **STROBE:** The unit shall strobe the selected color or program. The strobe rate can be adjusted with the + / - buttons. Buttons 0-15 are used to select the color.
- **SOUND:** Triggers the selected program steps based on sound input. The microphone sensitivity can then be adjusted with the +/- buttons.
- **COLOR:** When the color button is pressed, preset static colors can be selected using buttons 0-15. The intensity for the set color can be adjusted with the +/- buttons.
- **PROGRAM:** When the program button is pressed, internal programs can be selected by pressing buttons 0-15. The selected program's speed can be adjusted with the+/- buttons.
- **+ and - buttons:** These buttons are used to adjust strobe rate, mic sensitivity, brightness intensity, or program run speed, depending on which mode is active. Single-level adjustments can be made with individual buttons presses, while large adjustments can quickly be made by pressing and holding.
- **0-15 buttons:** These buttons are used to select preset static colors or internal programs, depending on which mode is active. Colors stored in buttons 0-15 can be edited from the units menu if desired.

# INSTALLATION

## IP RATING
The ELEMENT H IP is *IP54* rated. Ingress of dust is not entirely prevented, but it will not enter in sufficient quantity to interfere with satisfactory operation of the device. The ELEMENT H IP is also protected against splashing water from any direction. ***Please note that the charging devices and flight case are not IP-rated, and are intended for use in dry, indoor conditions only.***

## FLAMMABLE MATERIAL WARNING!
Keep device a minimum of 5.0 feet (1.5m) away from flammable material and/or pyrotechnics.

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

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

The unit **MUST** be installed following all local, national, and country commercial electrical and construction codes and regulations.

Before installing or mounting any device, a professional equipment installer **MUST** be consulted to determine whether the mounting structure or surface is properly certified to safely support the combined weight of the fixture, clamps, cables, and accessories.

Operating temperature range is **-4 to 113 degrees F (-20 to 45 degrees C)**. Do not operate the device if ambient temperatures fall outside of this range.

This fixture should be installed away from walking paths, seating areas, and areas where unauthorized personnel might be able to reach the device 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

## CLAMP INSTALLATION

The Element H6 IP features a mounting clamp attachment point on the side of the device, as well as an eyelet for safety cable at the bottom of one foot (see the illustration below). 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 clamp attachment point, as well as an appropriately rated safety clamp.

**SAFETY CABLE EYELET**

**MOUNTING CLAMP ATTACHMENT**

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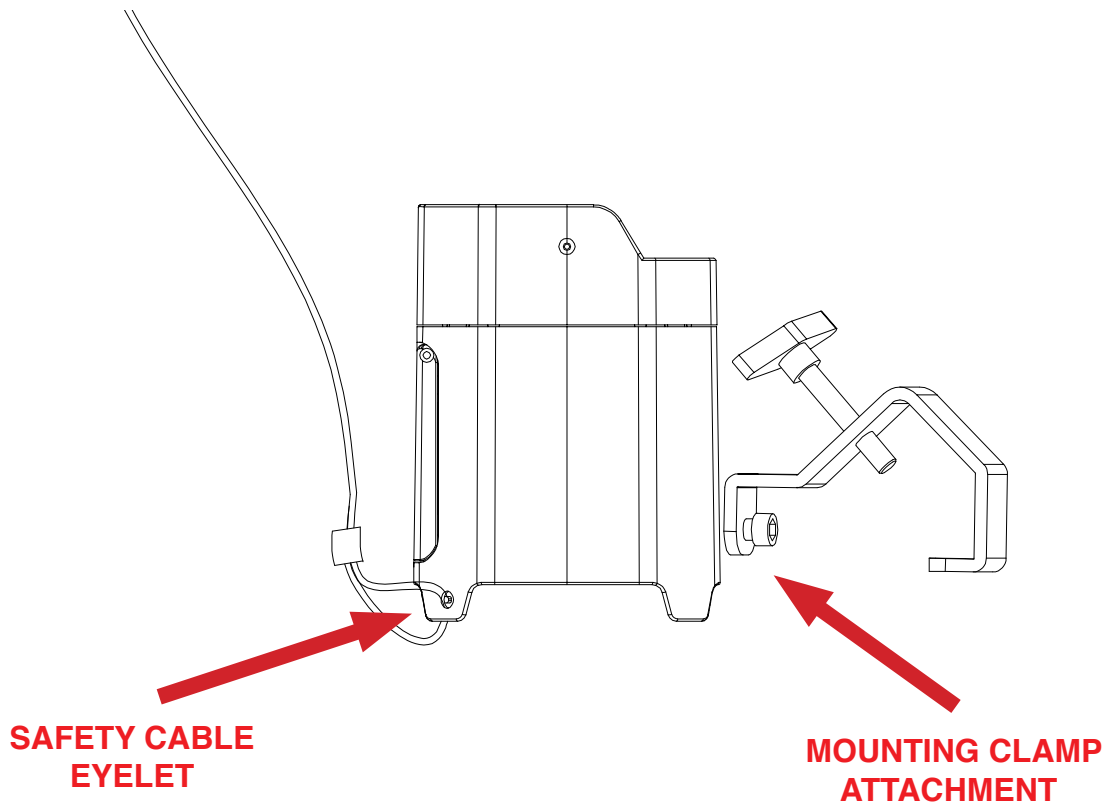
**SAFETY CABLE:**
**ALWAYS ATTACH A SAFETY CABLE WHENEVER INSTALLING THIS FIXTURE IN A SUSPENDED ENVIRONMENT TO ENSURE THAT THE FIXTURE WILL NOT FALL IF THE CLAMP FAILS.**

## RIGGING

Overhead rigging requires extensive experience, including but not limited to: calculating working load limits, understanding the installation material being used, and periodic safety inspection of all installation material and the fixture itself. If you lack these qualifications, do not attempt to perform the installation yourself. Improper installation can result in bodily injury.

# INSTALLATION

## KICKSTAND FOR FLOOR PLACEMENT

The Element H6 IP can also be placed on the floor to provide an uplighting display, and features a retractable kickstand that allows the device to be angled in the direction of the desired display.

To deploy the kickstand, simply toggle the switch on the underside of the device, near the power charging port (1). The kickstand can then be deployed from the underside (2) at various notched increments, allowing a maximum angle of 65-90 degrees from the vertical axis (3).

**1**

**2**

**3**

Angle Range:
65 deg to 90 deg
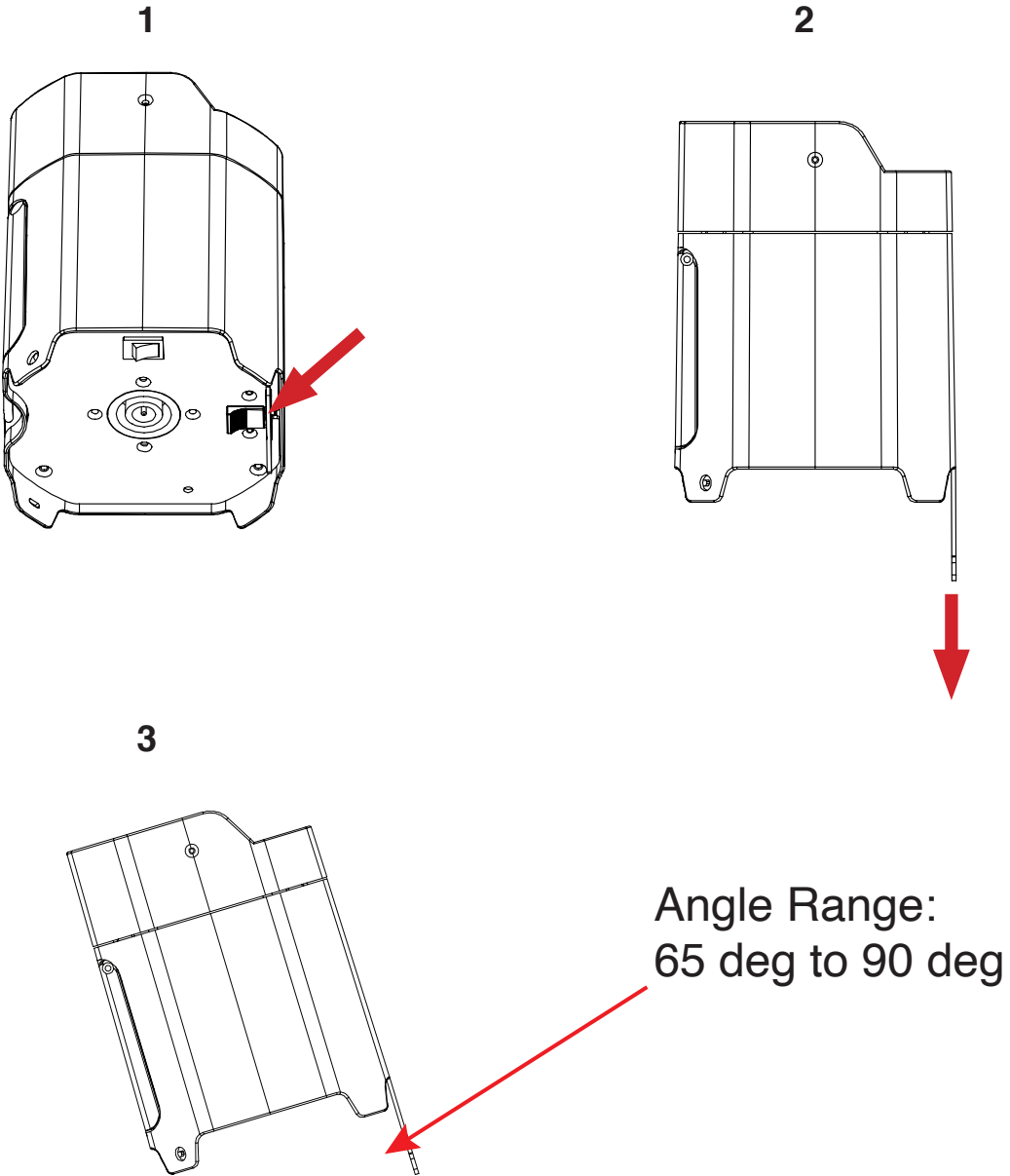
# INSTALLATION

**KENSINGTON KEY SLOT**

The device features a slot for a Kensington-type security device that can be used to prevent theft. The key slot is located near the bottom of one of the device's feet, as shown in the illustration below. Be sure to attach the security device to a sturdy, fixed anchor point.



**KENSINGTON
KEY SLOT**
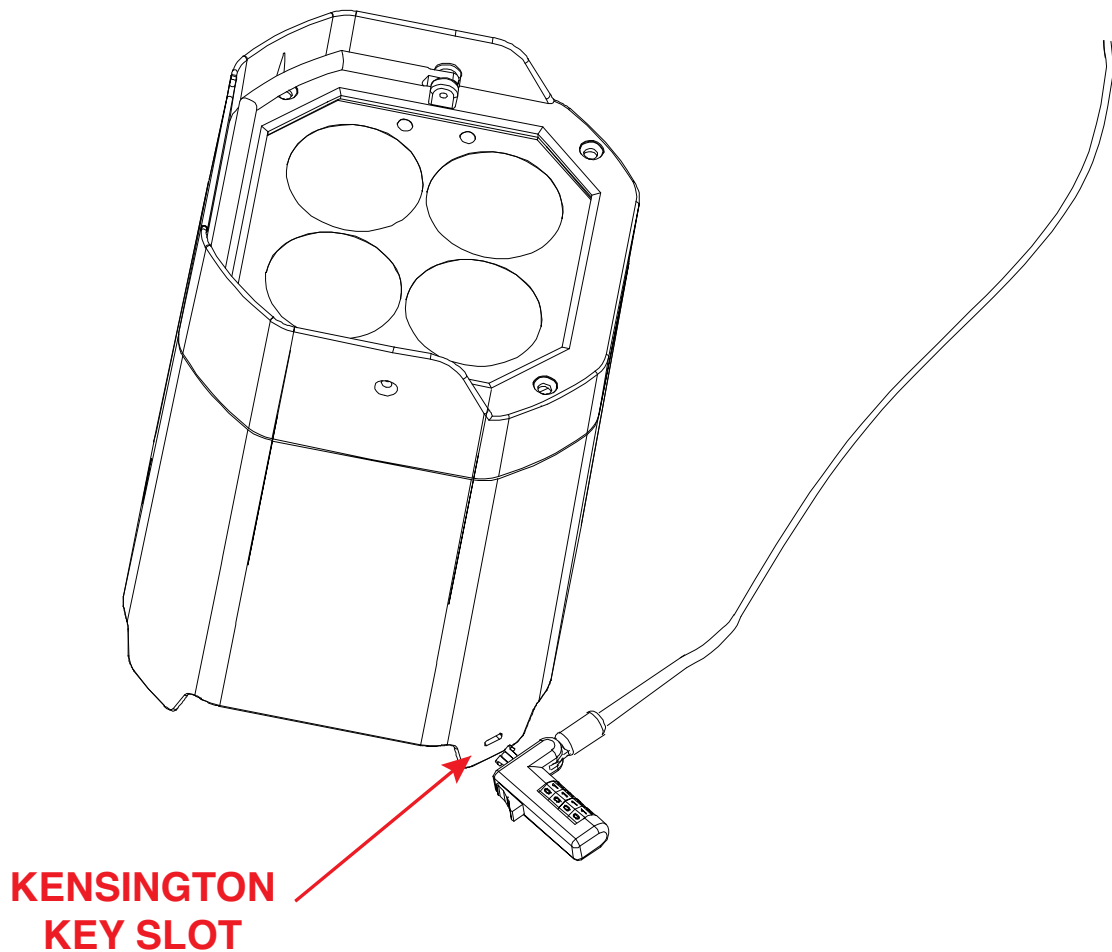
# IN-CASE CHARGING
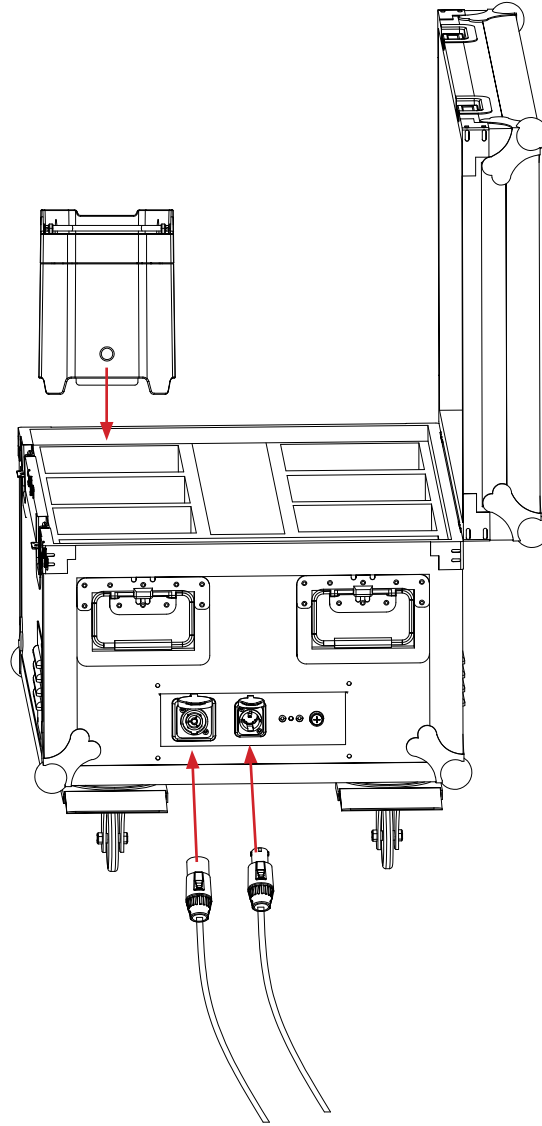


1. Lock the wheel casters by pressing down on the levers located near each caster.

2. Disengage the two latches and raise the case lid.

3. Once the lid has been opened, lift the upper end of the support bar and attach it to the recessed catch on the underside of the lid, along the right-hand side. Make sure that the catch is fully seated in the support bar's groove before reaching into the flight case. Please refer to **Safety Guidelines** section of this manual for detailed information.

4. Connect the included power cable into the Power-In port. If power linking cases together, please refer to the **Daisy Chain Power Linkage** section of this manual for details.

5. Place an ADJ Element H6 fixture in any one of the charging compartments in the flight case. Up to (6) units can be charged at one time. The charging indicator located beside the power ports will illuminate to indicate that your device is charging. **It is strongly recommended to leave the case lid open during the charging process.**

# CONTROL PANEL

This fixture includes an easy to navigate control panel display, from which all necessary settings and adjustments can be made. Press the **MODE** button to scroll through the main menu options, then press **ENTER** to select the currently displayed option. Then use the **UP** and **DOWN** buttons to scroll through the sub-menu options until reaching the desired setting. Press the **MODE** button at any time to return to the main menu without making any adjustments.

MODE     ENTER     UP     DOWN
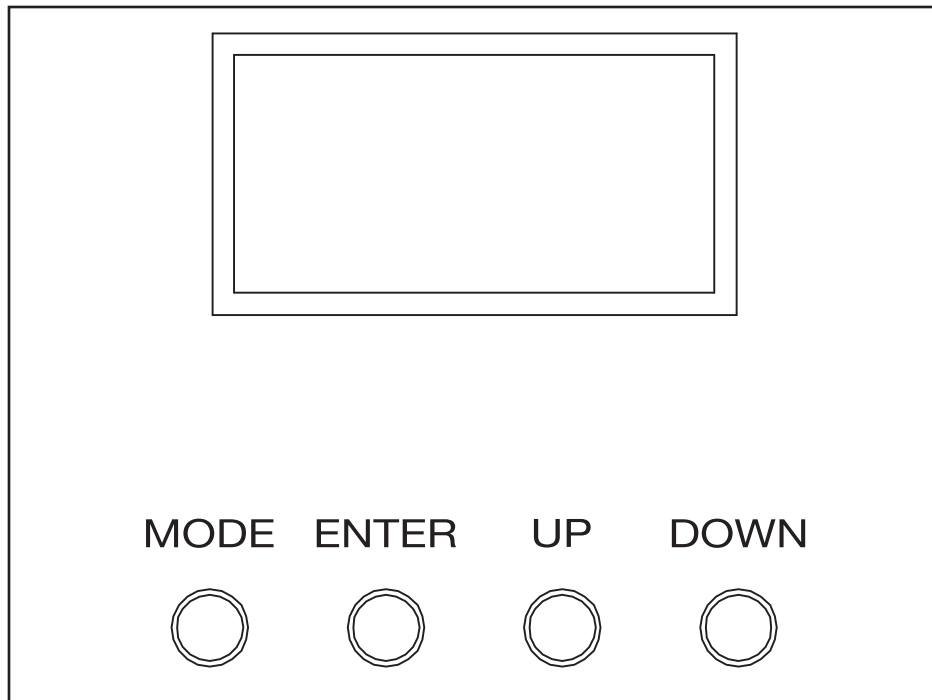
# SYSTEM MENU

| | | | | |
|---|---|---|---|---|
| **DMX SETTINGS** | DMX Address | *001* - 512 | | Set the starting DMX address of the device |
| | DMX Channel Mode | 6ch | | Set the DMX mode |
| | | 8ch | | |
| | | 9ch | | |
| | | 12ch | | |
| | | *14ch* | | |
| | | 15ch | | |
| | | 17ch | | |
| | No DMX Status | *Hold Last* | | Device holds last received channel values in the event that DMX signal is lost or interrupted |
| | | Blackout | | All channels go to 0 when DMX signal is lost or interrupted |
| | | Manual Settings | | All channels go to the last manual settings received when DMX signal is lost or interrupted |
| | | Internal Programs | | Unit default to the designated internal program when DMX signal is lost or interrupted |
| **PERSONALITY** | Prim/Sec Mode | Primary / *Secondary* | | |
| | Wifly Settings | Enable Wifly | *On* / Off | |
| | | Set Wifly Channel | 00 - 14 | |
| | IR Remote | *On* / Off | | |
| | Dim Modes | *Standard* | | |
| | | Stage | | |
| | | TV | | |
| | | Architectural | | |
| | | Theatre | | |
| | | Stage 2 | | |
| | | Dim Delay | 0 - 99 | |
| | Dim Curve | *Square* | | |
| | | Linear | | |
| | | Inv. Squa | | |
| | | S Curve | | |
| CONTINUED ON NEXT PAGE | | | | |

# SYSTEM MENU

| | | | | |
|---|---|---|---|---|
| **PERSONALITY (continued)** | Display | Screen Saver Delay | Off, 1sec - *10sec* | Time before display goes to sleep; "Off" keeps screen on at all times |
| | | Screen Lock | Off - *30sec,* 1 min | |
| | | Rotate Display 180 | Yes / *No* | |
| | Language | Passcode = 050 | *English* / Spanish | |
| | IR Button Colors | Button 0 | Red | 000 - 255 | Refer to **IR Default Values** section of this manual for detailed info |
| | | | Green | 000 - 255 | |
| | | | Blue | 000 - 255 | |
| | | | White | 000 - 255 | |
| | | | Amber | 000 - 255 | |
| | | | UV | 000 - 255 | |
| | | Button 1 | Red | 000 - 255 | |
| | | | Green | 000 - 255 | |
| | | | Blue | 000 - 255 | |
| | | | White | 000 - 255 | |
| | | | Amber | 000 - 255 | |
| | | | UV | 000 - 255 | |
| | | ... | ... | ... | |
| | | Button 15 | Red | 000 - 255 | |
| | | | Green | 000 - 255 | |
| | | | Blue | 000 - 255 | |
| | | | White | 000 - 255 | |
| | | | Amber | 000 - 255 | |
| | | | UV | 000 - 255 | |
| | Service | Passcode = 011 | Factory Restore | Yes / *No* | Returns unit to default factory settings |

CONTINUED ON NEXT PAGE

# SYSTEM MENU

| | | | | |
|---|---|---|---|---|
| **MANUAL CONTROL** | Red | 000 - 255 | | |
| | Green | 000 - 255 | | |
| | Blue | 000 - 255 | | |
| | White | 000 - 255 | | |
| | Amber | 000 - 255 | | |
| | UV | 000 - 255 | | |
| | Color Macros | 000 - 255 | | |
| | Color Temp Linear | 000 - 255 | | |
| | Color Temp Presets | 000 - 255 | | |
| | Internal Programs | 000 - 255 | | |
| | Program Speed | 000 - 255 | | |
| | Program Fade | 000 - 255 | | |
| | Strobe | 000 - *255* | | |
| | Master Dimmer | 000 - *255* | | |
| **INTERNAL PROGRAMS** | Program 0 | Speed | 1 - 255 | 1 is slowest, 255 is fastest |
| | | Fade | 0 - 255 | 0 disables fade, 255 is fastest |
| | Program 1 | Speed | 1 - 255 | 1 is slowest, 255 is fastest |
| | | Fade | 0 - 255 | 0 disables fade, 255 is fastest |
| | ... | ... | ... | ... |
| | Program 13 | Speed | 1 - 255 | 1 is slowest, 255 is fastest |
| | | Fade | 0 - 255 | 0 disables fade, 255 is fastest |
| **INFORMATION** | LED Temperature | xxx F / xxx C | | Displays current device temperature |
| | Software Version | x.xx | | Displays current software version |
| **BATTERY** | Charging Time | xx hours | | Time remaining until fully charged |
| | Current Life | xxx % | | Battery life remaining (% of full charge) |
| | Operation Mode | Standard 6 | | 6 hour battery life (approximate) |
| | | *Saver 12* | | 12 hour battery life (approximate) |

# 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. This starting DMX address is assigned 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 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.

As an example, when operating this fixture model 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. Refer to the chart below for more details.

| Channel Mode | Unit 1 Addr | Unit 2 Addr | Unit 3 Addr | Unit 4 Addr |
|---|---|---|---|---|
| 6-Ch | 1 | 7 | 13 | 19 |
| 8-Ch | 1 | 9 | 17 | 25 |
| 9-Ch | 1 | 10 | 19 | 28 |
| 12-Ch | 1 | 13 | 25 | 37 |
| 14-Ch | 1 | 15 | 29 | 43 |
| 15-Ch | 1 | 16 | 31 | 46 |
| 17-Ch | 1 | 18 | 35 | 52 |

# DMX TRAITS

| CHANNEL | | | | | | | DMX VALUES | FUNCTION |
|---|---|---|---|---|---|---|---|---|
| 6CH | 8CH | 9CH | 12CH | 14CH | 15CH | 17CH | | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 000 - 255 | *All Red,* 0% - 100% |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 000 - 255 | *All Green,* 0% - 100% |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 000 - 255 | *All Blue,* 0% - 100% |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 000 - 255 | *All White,* 0% - 100% |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 000 - 255 | *All Amber,* 0% - 100% |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 000 - 255 | *All UV,* 0% - 100% |
| | | | 7 | | 7 | 7 | 000 - 255 | *Color Macros,* see **Color Macros Chart** section of this manual |
| | | | 8 | | 8 | 8 | 000 - 255 | *Color Temperature,* 2300K - 9900K Linear |
| | | | | | | | | *White Color Temperature Presets* |
| | | | | | | | 000 - 022 | Open |
| | | | 9 | | 9 | 9 | 023 - 099 | Presets, see **White Color Temperature Preset Chart** section of this manual |
| | | | | | | | 100 - 255 | No Function |
| | | | | | | | | *Shutter, Strobe* |
| | | | | | | | 000 - 031 | LEDs Off |
| | | | | | | | 032 - 063 | LEDs On |
| | | | | | | | 064 - 095 | Strobe Effect, slow to fast |
| | 7 | 7 | 10 | 7 | 10 | 10 | 096 - 127 | LEDs On |
| | | | | | | | 128 - 159 | Pulse Effect in Sequences |
| | | | | | | | 160 - 191 | LEDs On |
| | | | | | | | 192 - 223 | Random Strobe Effect, slow to fast |
| | | | | | | | 224 - 255 | LEDs On |
| | 8 | 8 | 11 | 8 | 11 | 11 | 000 - 255 | *Dimmer Intensity,* 0% to 100% |
| | | 9 | 12 | 9 | 12 | 12 | 000 - 255 | *Dimmer Fine* |
| | | | | | | | | *Auto Programs* |
| | | | | | | | 000 - 010 | Off |
| | | | | | | | 011 - 026 | Auto Program 1 |
| | | | | | | | 026 - 043 | Auto Program 2 |
| | | | | | | | 044 - 060 | Auto Program 3 |
| | | | | | | | 061 - 076 | Auto Program 4 |
| | | | | 10 | 13 | 13 | 077 - 093 | Auto Program 5 |
| | | | | | | | 094 - 110 | Auto Program 6 |
| | | | | | | | 111 - 126 | Auto Program 7 |
| | | | | | | | 127 - 143 | Auto Program 8 |
| | | | | | | | 144 - 160 | Auto Program 9 |
| | | | | | | | 161 - 176 | Auto Program 10 |
| | | | | | | | 177 - 193 | Auto Program 11 |

CONTINUED ON NEXT PAGE

# DMX TRAITS

| CHANNEL | | | | | | | DMX VALUES | FUNCTION |
|---|---|---|---|---|---|---|---|---|
| 6CH | 8CH | 9CH | 12CH | 14CH | 15CH | 17CH | | |
| | | | | | | | | *Auto Programs (continued)* |
| | | | | | | | 194 - 210 | Auto Program 12 |
| | | | | 10 | 13 | 13 | 211 - 226 | Auto Program 13 |
| | | | | | | | 227 - 255 | No Function |
| | | | | 11 | 14 | 14 | 000 - 255 | *Auto Programs Speed,* slow to fast |
| | | | | 12 | 15 | 15 | 000 - 255 | *Auto Programs Fade,* least to most |
| | | | | | | | | *Dim Mode* |
| | | | | | | | 000 - 020 | Default to Unit Setting |
| | | | | | | | 021 - 040 | Standard |
| | | | | | | | 041 - 060 | Stage |
| | | | | | | | 061 - 080 | TV |
| | | | | | | | 081 - 100 | Architectural |
| | | | | | | | 101 - 120 | Theatre |
| | | | | | | | 121 - 140 | Stage 2 |
| | | | | | | | | *Dim Speed* |
| | | | | | | | 141 | 0.1s |
| | | | | | | | 142 | 0.2s |
| | | | | | | | 143 | 0.3s |
| | | | | | | | 144 | 0.4s |
| | | | | | | | 145 | 0.5s |
| | | | | | | | 146 | 0.6s |
| | | | | 13 | | 16 | 147 | 0.7s |
| | | | | | | | 148 | 0.8s |
| | | | | | | | 149 | 0.9s |
| | | | | | | | 150 | 1.0s |
| | | | | | | | 151 | 1.5s |
| | | | | | | | 152 | 2.0s |
| | | | | | | | 153 | 3.0s |
| | | | | | | | 154 | 4.0s |
| | | | | | | | 155 | 5.0s |
| | | | | | | | 156 | 6.0s |
| | | | | | | | 157 | 7.0s |
| | | | | | | | 158 | 8.0s |
| | | | | | | | 159 | 9.0s |
| | | | | | | | 160 | 10.0s |
| | | | | | | | 161 - 255 | Default to Unit Setting |
| | | | | | | | | *Dim Curves* |
| | | | | | | | 000 - 020 | Square |
| | | | | | | | 021 - 040 | Linear |
| | | | | 14 | | 17 | 041 - 060 | Inv. Squa. |
| | | | | | | | 061 - 080 | S. Curve |
| | | | | | | | 081 - 255 | No Function |

# IR DEFAULT VALUES

| BUTTON | RED | GREEN | BLUE | WHITE | AMBER | UV |
|--------|-----|-------|------|-------|-------|-----|
| 0 | 0 | 0 | 0 | 255 | 0 | 0 |
| 1 | 255 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 255 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 255 | 0 | 0 | 0 |
| 4 | 231 | 68 | 0 | 0 | 0 | 0 |
| 5 | 0 | 117 | 58 | 0 | 0 | 0 |
| 6 | 17 | 0 | 75 | 0 | 0 | 44 |
| 7 | 255 | 83 | 0 | 0 | 63 | 0 |
| 8 | 0 | 109 | 70 | 0 | 0 | 0 |
| 9 | 32 | 0 | 75 | 0 | 22 | 35 |
| 10 | 0 | 0 | 0 | 0 | 255 | 0 |
| 11 | 0 | 114 | 160 | 0 | 0 | 0 |
| 12 | 82 | 0 | 35 | 0 | 0 | 74 |
| 13 | 255 | 255 | 0 | 0 | 255 | 0 |
| 14 | 0 | 75 | 136 | 0 | 0 | 0 |
| 15 | 81 | 0 | 35 | 0 | 0 | 115 |

# EDITING RGBA IR BUTTON VALUES

These fixtures allow the user to create custom RGBA values and assign them to the numbered keys (0-15) on the remote control. Follow the steps below:

1. In the main system menu, press MODE to navigate to "Personality," then press ENTER. Use the UP and DOWN buttons to scroll to "IR Button Colors," then press ENTER again.
2. Use the UP and DOWN buttons to scroll to the number of the remote button that you would like to use. Options range from "Button 0" to "Button 15." Press ENTER to select the button shown on the display screen.
3. Create a custom color for the button you have selected by using the UP and DOWN buttons to scroll through the color component options (Red, Green, Blue, or Amber). Press ENTER to select a color component option, then use the UP and DOWN buttons to adjust the intensity of that color component option. Selectable values range from 000 to 255. Repeat this process until you have set the desired Red, Green, Blue, and Amber intensities to create your custom color.

*NOTE: Once you have created and assigned a custom RGBA value to a remote button, the default color for the remote button will be overridden. This means that the output color of the fixture may no longer resemble the color shown on the remote button. The only way to return to the default RGBA value is to reset the unit to the default factory settings by navigating to Personality > Service > Factory Restore.*

*NOTE: If multiple units have been linked in a primary-secondary set up, the custom RGBA values only need to be set up on the primary unit. The custom RGBA settings will carry over automatically to any secondary units in the system.*

# COLOR MACROS

| DMX VALUES | COLOR MACRO | DMX VALUES | COLOR MACRO |
|---|---|---|---|
| 0-3 | Off | 144-147 | G+W+UV |
| 4-7 | Red | 148-151 | G+A+UV |
| 8-11 | Green | 152-155 | B+W+A |
| 12-15 | Blue | 156-159 | B+W+UV |
| 16-19 | White | 160-163 | B+A+UV |
| 20-23 | Amber | 164-167 | W+A+UV |
| 24-27 | UV | 168-171 | R+G+B+W |
| 28-31 | R+G | 172-175 | R+G+B+A |
| 32-35 | R+B | 176-179 | R+G+B+UV |
| 36-39 | R+W | 180-183 | R+G+W+A |
| 40-43 | R+A | 184-187 | R+G+W+UV |
| 44-47 | R+UV | 188-191 | R+G+A+UV |
| 48-51 | G+B | 192-195 | R+B+W+A |
| 52-55 | G+W | 196-199 | R+B+W+UV |
| 56-59 | G+A | 200-203 | R+B+A+UV |
| 60-63 | G+UV | 204-207 | R+W+A+UV |
| 64-67 | B+W | 208-211 | G+B+W+A |
| 68-71 | B+A | 212-215 | G+B+W+UV |
| 72-75 | B+UV | 216-219 | G+B+A+UV |
| 76-79 | W+A | 220-223 | G+W+A+UV |
| 80-83 | W+UV | 224-227 | B+W+A+UV |
| 84-87 | A+UV | 228-231 | R+G+B+W+A |
| 88-91 | R+G+B | 232-235 | R+G+B+W+UV |
| 92-95 | R+G+W | 236-239 | R+G+B+A+UV |
| 96-99 | R+G+A | 240-243 | R+G+W+A+UV |
| 100-103 | R+G+UV | 244-247 | R+B+W+A+UV |
| 104-107 | R+B+W | 248-251 | G+B+W+A+UV |
| 108-111 | R+B+A | 252-255 | R+G+B+W+A+UV |
| 112-115 | R+B+UV | | |
| 116-119 | R+W+A | | |
| 120-123 | R+W+UV | | |
| 124-127 | R+A+UV | | |
| 128-131 | G+B+W | | |
| 132-135 | G+B+A | | |
| 136-139 | G+B+UV | | |
| 140-143 | G+W+A | | |

# WHITE COLOR TEMPERATURE PRESETS

| Color Temp | DMX Value | Color Temp | DMX Value | Color Temp | DMX Value |
|---|---|---|---|---|---|
| No Function | 000 - 022 | 5300 | 53 | 8400 | 84 |
| 2300 | 23 | 5400 | 54 | 8500 | 85 |
| 2400 | 24 | 5500 | 55 | 8600 | 86 |
| 2500 | 25 | 5600 | 56 | 8700 | 87 |
| 2600 | 26 | 5700 | 57 | 8800 | 88 |
| 2700 | 27 | 5800 | 58 | 8900 | 89 |
| 2800 | 28 | 5900 | 59 | 9000 | 90 |
| 2900 | 29 | 6000 | 60 | 9100 | 91 |
| 3000 | 30 | 6100 | 61 | 9200 | 92 |
| 3100 | 31 | 6200 | 62 | 9300 | 93 |
| 3200 | 32 | 6300 | 63 | 9400 | 94 |
| 3300 | 33 | 6400 | 64 | 9500 | 95 |
| 3400 | 34 | 6500 | 65 | 9600 | 96 |
| 3500 | 35 | 6600 | 66 | 9700 | 97 |
| 3600 | 36 | 6700 | 67 | 9800 | 98 |
| 3700 | 37 | 6800 | 68 | 9900 | 99 |
| 3800 | 38 | 6900 | 69 | | |
| 3900 | 39 | 7000 | 70 | | |
| 4000 | 40 | 7100 | 71 | | |
| 4100 | 41 | 7200 | 72 | | |
| 4200 | 42 | 7300 | 73 | | |
| 4300 | 43 | 7400 | 74 | | |
| 4400 | 44 | 7500 | 75 | | |
| 4500 | 45 | 7600 | 76 | | |
| 4600 | 46 | 7700 | 77 | | |
| 4700 | 47 | 7800 | 78 | | |
| 4800 | 48 | 7900 | 79 | | |
| 4900 | 49 | 8000 | 80 | | |
| 5000 | 50 | 8100 | 81 | | |
| 5100 | 51 | 8200 | 82 | | |
| 5200 | 52 | 8300 | 83 | | |

# DIMMER CURVES AND DIMMER MODES
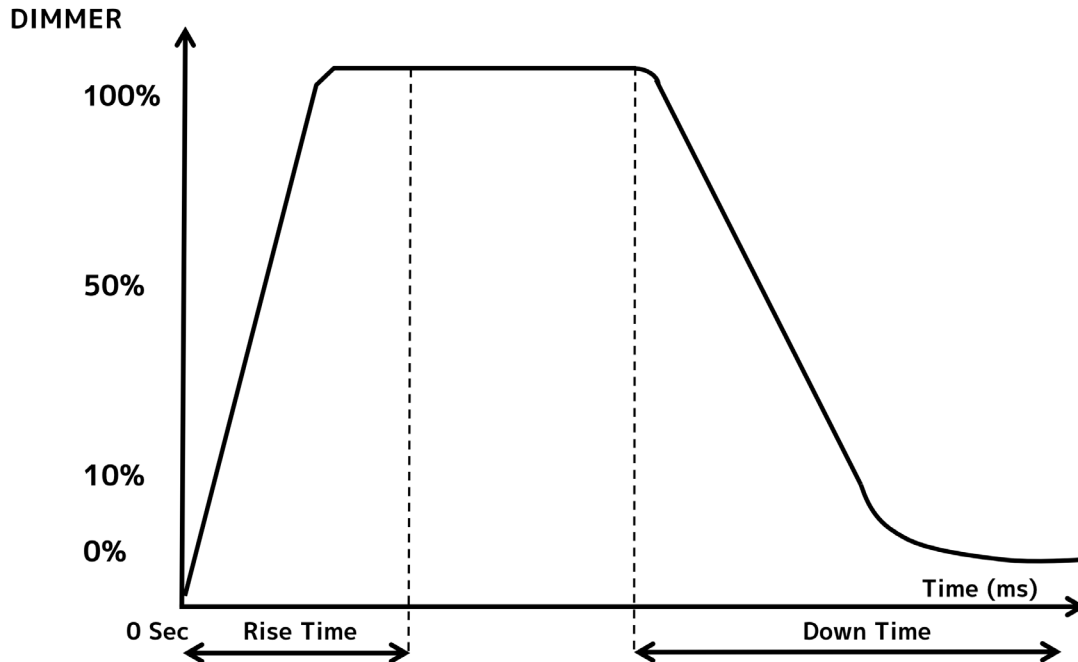


| | 0 sec Fade Time | | 1 sec Fade Time | |
|---|---|---|---|---|
| Dimming Curve Ramp Effect | | | | |
| | Rise Time (ms) | Down Time (ms) | Rise Time (ms) | Down Time (ms) |
| Standard (default) | 0 | 0 | 0 | 0 |
| Stage | 780 | 1100 | 1540 | 1660 |
| TV | 1180 | 1520 | 1860 | 1940 |
| Architectural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



LINEAR          SQUARE          INVERSE SQUARE          S-CURVE
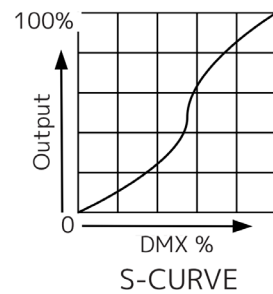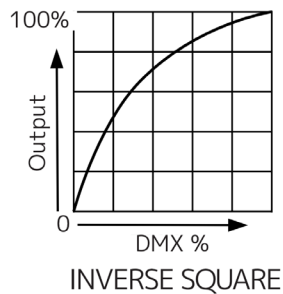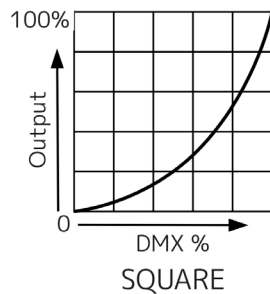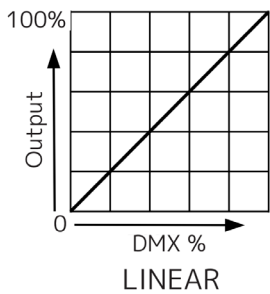
# CLEANING & MAINTENANCE

## *WARNING! DISCONNECT UNIT FROM POWER BEFORE PERFORMING ANY CLEANING OR MAINTENANCE PROCEDURES!*

## *ALWAYS ALLOW THE FIXTURE TO COOL FOR AT LEAST 15 MINUTES BEFORE PERFORMING ANY CLEANING OR MAINTENANCE!*

### CLEANING

Frequent cleaning is recommended to ensure proper function, optimized light output, and an extended life. The frequency of cleaning depends on the environment in which the fixture operates: damp, smoky, or particularly dirty environments can cause greater accumulation of dirt on the fixture's optics. Clean periodically with a soft cloth to avoid dirt/debris accumulation.

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

### MAINTENANCE

Regular inspections are recommended to ensure proper function and extended life. There are no user serviceable parts inside this fixture. Please refer all other service issues to an authorized ADJ service technician. Should you need any spare parts, please order genuine parts from an authorized 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 to enter into the fixture. Damaged rigging points or unsecured rigging could cause the fixture to fall and seriously injure a person(s).
- Electric power supply cables must not show any damage, material fatigue or sediments.

# DAISY CHAIN POWER LINKAGE

This feature allows multiple flight cases to be linked together by way of the power input and output sockets. The maximum number of devices that can be connected in this manner is as follows:
- 4 flight cases using a 15-Amp plug.
- 5 flight cases using a 20-Amp plug.

After this quantity has been reached, a new power outlet must be used to accommodate additional charging cases.

It is recommended to leave the case lids open when charging in order to avoid the accumulation of excess heat inside the cases.

Linked devices must be of the same make and model type. DO NOT mix devices!

# TORQUE SETTINGS FOR SCREWS

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

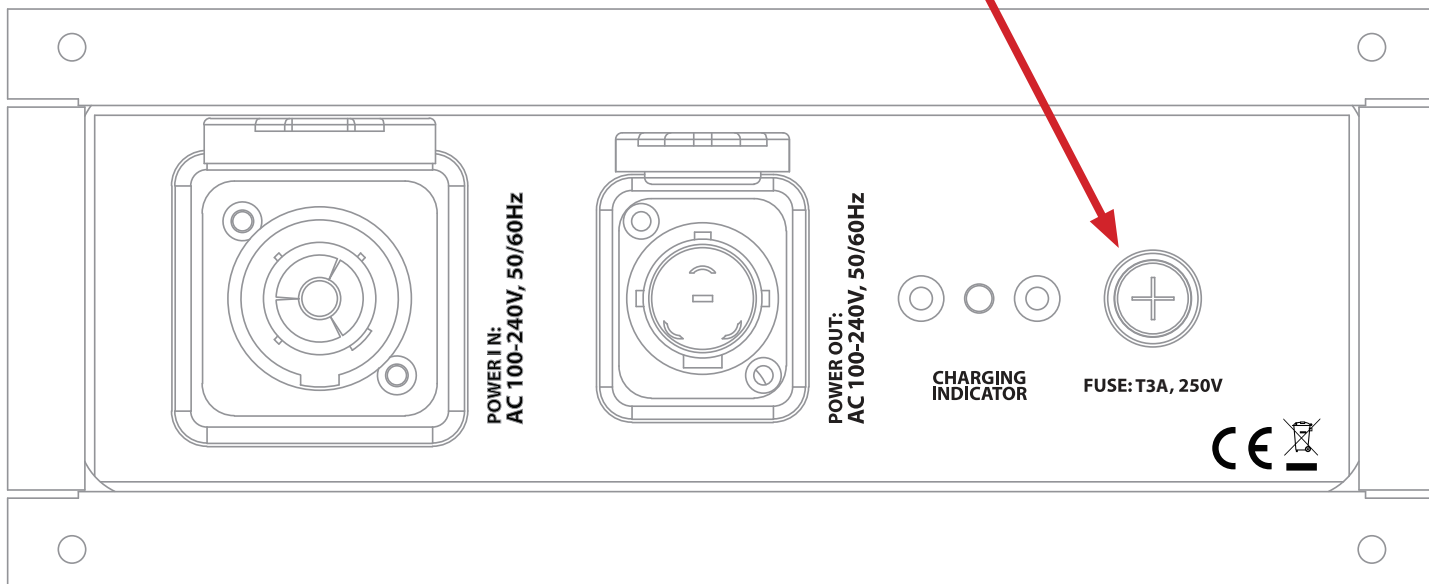**TORQUE DRIVER (Alternate):**
- **Proto J6107A**
- **Wiha 28887**

**The recommended torque setting for the Element H IP / Element H IP CHR is 13kgf-cm.**

**CAUTION! DO NOT OVER TORQUE SCREWS AS THIS CAN CAUSE LEAKAGE ISSUES!**
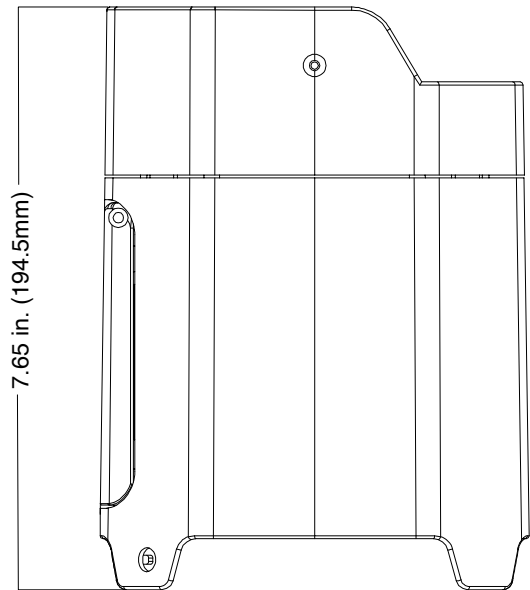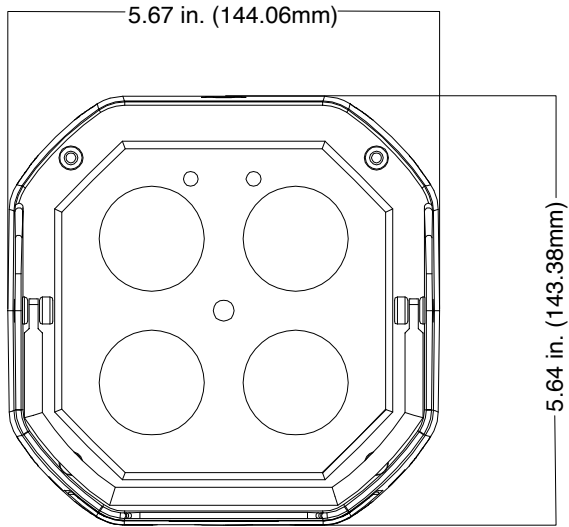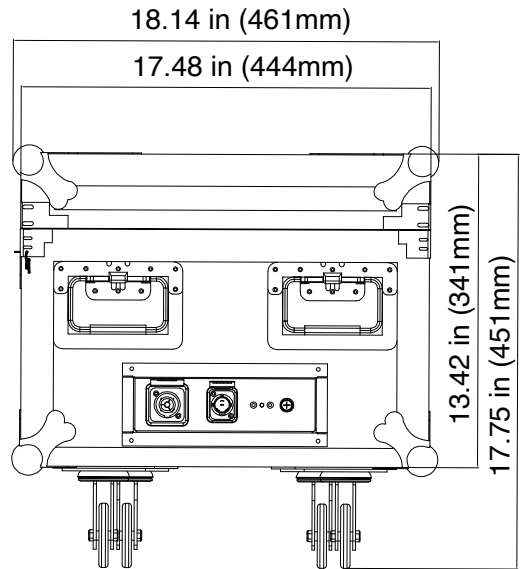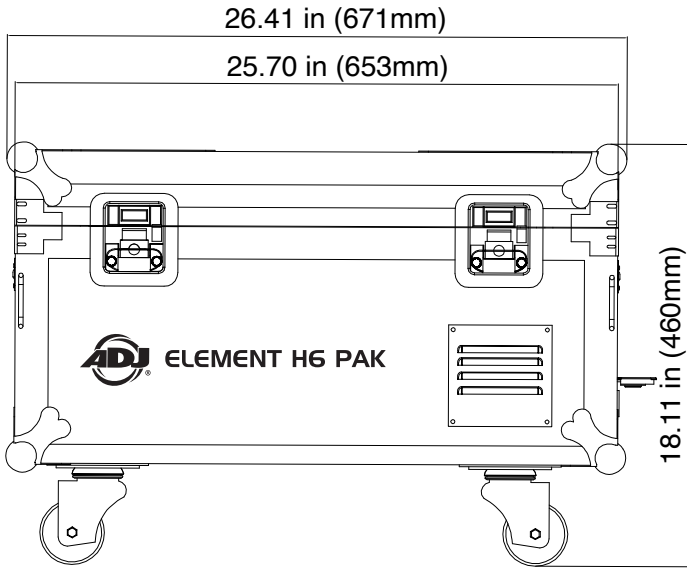
# FUSE REPLACEMENT

The flight case features a replaceable fuse. To replace, disconnect the flight case from the power source, then use a screw driver to unscrew the fuse holder located beside the power ports. Remove the bad fuse and replace with a new one, then screw the fuse holder back in. Replace only with a new fuse of the same type and rating.

**FUSE**

POWER IN:
AC 100-240V, 50/60Hz

POWER OUT:
AC 100-240V, 50/60Hz

CHARGING INDICATOR

FUSE: T3A, 250V

# DIMENSIONAL DRAWINGS

26.41 in (671mm)

25.70 in (653mm)

18.11 in (460mm)

ADJ ELEMENT H6 PAK

18.14 in (461mm)

17.48 in (444mm)

13.42 in (341mm)

17.75 in (451mm)

5.67 in. (144.06mm)

5.64 in. (143.38mm)

7.65 in. (194.5mm)

***Dimensions not to scale***

# SPECIFICATIONS

**Optical:**
- 4 x 20-Watt RGBAW+UV LEDs (6-in-1 - Red, Green, Blue, Amber White & UV)
- Life expectancy: rated at 50,000 hrs.
- LUX: 1117 @ 2M; 298 @ 4M
- Beam angle: 17.6°
- Field angle: 28.7°

**Connection:**
- DMX: Aria X2 Wireless DMX
- With Wired Digital Communication Network
- Contact Charging system. *Charging base and power supply included

**Control:**
- Control protocol: Aria X2 Wireless DMX
- 7 DMX Channel modes: 6, 8, 9, 12, 14, 15 or 17 channels
- Remote control: Aria X2 DMX, UC-IR (Included), Airstream IR
- 5 Operational modes: RGBAW+UV Dimmer Mode;Auto Run Mode (13 programs, & 1 color/fade combo mode); Static Color mode; and Wireless DMX Control

**Features:**
- IP54 Outdoor Rated
- Built-in kickstand to angle fixture when sitting on the floor
- 4-touch button OLED display inside cover panel
- Built-in Aria X2 wireless DMX with signal LED indicator
- 63 built-in Color Macros
- Variable RGBAW+UV color mixing offers a smooth, seemingly unlimited color palette - Great for Stage or Wall Washing!
- LED pulse and strobe effect (0.2Hz-11Hz)
- Flicker Free Operation
- Electronic Dimming: 0 - 100% with 6 dim modes and 4 dim curves
- Run all night – No duty cycle
- Battery charge indicator on each fixture
- Energy Save Mode

**Battery:**
- Battery Type: fixed polymer lithium battery
- Battery Energy: 59.2WH (Watt Hours)
- Battery Weight: 0.24 kg.
- Battery Voltage: 14.8V
- Battery Capacity: 4000mAh (Typical Capacity)
- Total Lithium Ion Cells: 4 pieces
- Battery Wrap Material: PVC sleeving + highland barley paper
- Battery Charge Time: 6 Hours
- Battery Life: 6 Hours in Normal mode and 12 hours in Energy save mode(single color)

**Electrical:**
- Power Draw Total (All LED's @ Full On): 20W
- Voltage operation: DC17V

**Dimensions / Weight:**
- Dimensions (LxWxH): 5.5" x 5.5" x 7.5" / 140 x 140 x 190.5mm
- Weight: 5.3 lbs. / 2.4kg.

**Certifications:**
- cETLus pending
- CE pending
- IP54 Outdoor rated

**Package Includes:**
- Element H IP or Element H IP CHR fixtures (x6)
- Element H6 FC flight case (x1)
- UC IR24 Remote (x1)
- AC Cable and Charging System (x1)