



ELEMENT HEX ELEMENT HEX PEARL



User Manual

User Instructions



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DOCUMENT VERSION

Please check www.adj.com for the latest revision/update of this guide.

Date	Document Version	Software Version	DMX Channel Mode	Notes
09/11/17	1.2	1.01	6/7/8/11/12	ETL Version
11/07/18	1.4	1.06	No Change	Display Lock IR Remote Functions Updated
11/17/20	1.6	1.08	No Change	Updated System Menu
09/30/21	1.8	N/C	No Change	Updated Dimension Drawings, Specifications
02/09/22	2.0	N/C	No Change	Updated UC IR & Airstream Control
05/12/22	2.1	N/C	No Change	Updated Specifications
05/02/23	2.2	N/C	No Change	Removed Airstream Information

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!

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INTRODUCTION

Unpacking: Thank you for purchasing the Element Hex by ADJ Products, LLC. Every Element Hex & Element Hex Pearl has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit has arrived intact. In the case damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Do not return this unit to your dealer without first contacting customer support.

Introduction: The Element Hex & Element Hex Pearl is a rechargeable lithium battery powered, DMX intelligent, LED PAR fixture with ADJ's WiFly Transceiver with wireless DMX built-in. WiFly control and battery power give you the freedom to set up your unit where ever you wish without the restrictions of power or DMX cabling. This unit can be used in a stand alone mode or connected in a Primary/Secondary set up. This unit has five operating modes: Auto mode (color change, color fade, and color change and fade combination), RGBWA+UV Dimmer mode, Static Color mode, Sound Active mode, and DMX control mode. To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, 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>

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

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Warning! To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, doing so will void your manufactures warranty. In the unlikely event your unit may require service please contact ADJ Products, LLC.

PLEASE recycle the shipping carton when ever possible.

FEATURES

- Five Operating Modes
- Electronic Dimming 0-100%
- RGBWA+UV Color Mixing
- 5 Selectable Dimming Curves
- 63 Color Macros
- Built in Microphone
- DMX-512 protocol
- 3-Pin DMX Connection
- 5 DMX Channel Modes: 6 Channel Mode, 7 Channel Mode, 8 Channel Mode, 11 Channel Mode, & 12 Channel Mode
- Rechargeable Lithium Battery
- Built-In ADJ's WiFly Transceiver Wireless DMX
- ADJ UC IR
- Multiple Unit Power Linking (See page 26)

Included Accessories:

- 1 x I.E.C. power cable
- 1 x UC IR Remote Control

WARRANTY REGISTRATION

The Element Hex carries a 2 year limited warranty. Please fill out the enclosed warranty card to validate your purchase. 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 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 a R.A. number by contacting our customer support team on our customer support number. All packages returned to the service department not displaying a R.A. number on the outside of the package will be returned to the shipper.

INSTALLATION

The unit should be mounted using a mounting clamp (not provided), affixing it to the mounting bracket that is provided with the unit. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times the unit's weight. **ALWAYS** use safety cables that can hold 12 times the weight of the unit when installing the fixture.

This equipment must be installed by a professional, and it must be installed in a place where it is out of the reach of people's grasp.

SAFETY PRECAUTIONS

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 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.

**NOT FOR RESIDENTIAL/HOUSE HOLD USE
NON DESTINÉ À UN USAGE DOMESTIQUE**

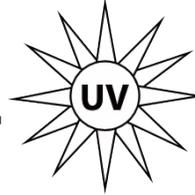
**SUITABLE FOR DAMP LOCATIONS
CONVIENT AUX EMPLACEMENTS HUMIDES**

- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture.
- Do not attempt to operate this unit 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 case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover under any conditions. There are no user serviceable parts inside.
- Never operate this unit when it's housing is removed.
- Never plug this unit in to a dimmer pack.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit, if it becomes damaged.
- During long periods of non-use, disconnect the unit's main power. Always mount this unit in safe and stable matter.
- Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point they exit from the unit.
- Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See page 35 for cleaning details.
- Heat -The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The fixture should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged.
 - B. The appliance does not appear to operate normally or exhibits a marked change in performance.
 - C. The fixture has fallen and/or subjected to extreme handling.

SAFETY PRECAUTIONS



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 ULTRAVIOLET (UV) LIGHT FROM THE UV LED.

WEAR PROPER EYE AND SKIN PROTECTION.

AVOID PROLONGED PERIODS OF EXPOSURE TO THE UV LED.

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 (3.3m).

DO NOT OPERATE FIXTURE WITH DAMAGED OR MISSING EXTERNAL COVER.

DO NOT LOOK DIRECTLY INTO THE (UV) LIGHT AND/OR VIEW (UV) LIGHT DIRECTLY WITH OPTICAL INSTRUMENTS THAT MAY CONCENTRATE THE LIGHT/RADIATION OUTPUT.

INDIVIDUALS SUFFERING FROM A RANGE OF EYE CONDITIONS, SUNLIGHT EXPOSURE DISORDERS, OR INDIVIDUALS USING PHOTSENSITIVE MEDICATION, MAY RECEIVE DISCOMFORT IF EXPOSED TO THE ULTRAVIOLET (UV) LIGHT EMITTED FROM THIS FIXTURE.

BATTERY PRECAUTIONS

Do Not Short Circuit the Battery:

Do not short circuit the battery. It generates a very high current which could cause the battery to overheat, resulting in electrolyte gel leakage, harmful fumes, or explosion. The LIR tabs may easily short-circuit by placing them on conductive surface. A short circuit may lead to heat build up and damage of the battery. An appropriate circuitry with PCM is employed to protect accidental short circuit of the battery pack.

Mechanical shock:

Dropping the unit, impact hit, bending, etc., may cause failure or shortened life of the LIR battery.

Battery connection:

- Direct soldering of wire leads or devices to the battery is strictly prohibited.
- Lead tabs with pre-soldered wiring shall be spot welded to the batteries. Direct soldering may cause damage of components, such as separator and insulator, by heat build up.

Prevention of short circuit within a battery pack:

There is enough insulation layers between wiring and the batteries to provide extra safety protection. The battery pack is constructed in a way that no short circuit will occur which may cause smoke or fire.

Do No Disassemble the Batteries:

- Never disassemble the batteries as doing this may cause a internal short circuit in the battery, which may lead to harmful fumes, fire, explosion, or other problems.
- Electrolyte Gel is harmful and should not leak from the LIR battery. Should the electrolyte gel come into contact with the skin or eyes, flush the area of contact immediately with fresh water and seek medical attention immediately.

Do Not Expose the Battery to Heat or Fire:

Never incinerate or dispose of the batteries in fire. This may cause an explosion, which would be very dangerous.

Do Not Expose the Battery to water or liquids:

Never soak/drop the batteries in liquids such as water, seawater, drinks such as soft drinks, juices, coffee or other.

Battery Replacement:

For battery replacement please contact ADJ customer support (800) 322-6337.

Do Not use a damaged Battery:

The battery could be damaged during shipping, caused by shock. Should the battery be found damaged, including damages to the plastic casing of the battery, deformation of the battery package, smelling of an electrolyte, or leakage of the electrolyte gel, or other, DO NOT use the battery. A battery with a odor of electrolyte or a gel leakage should be placed away from fire to avoid fire or explosion.

BATTERY PRECAUTIONS

Battery Storage:

When storing the battery, it should be stored at room temperature, with a charge of at least 50%. We recommend that during long periods of storage that the battery be charged every 6 months. Doing this will prolong the life of the battery and will also make sure that the battery charge does not fall below the 30% mark.

Other Chemical Reaction:

Because batteries utilize a chemical reaction, battery performance will deteriorate over time even if stored for a long period of time without being used. In addition, if the various usage conditions such as charge, discharge, ambient temperature, etc. are not maintained within the specified ranges, the life expectancy of the battery maybe shortened or the device in which the battery is used may be damaged by electrolyte gel leakage. If the batteries cannot maintain a charge for long periods of time, even when they are charged correctly, this may indicate it is time to change the battery.

Battery Disposal:

Please dispose of battery according to local regulations.

BATTERY STATUS & CHARGING

Battery Status:

This function is used to check the life status of the battery.

Plug the fixture in and press the MODE button until “bXXX” is displayed. “XXX” represents the current battery life. The number that is displayed is the remaining battery life. If “b---” is displayed, it means that you are running the unit on AC power. **Do not allow the battery to fully die as this severely shortens battery life.**

NOTE: When the battery life is below 30% the battery percentage will flash. At 15% power the fixture will shut off.

NOTE: When using battery power, after 20 seconds of inactivity, the display will revert back to the battery life display.

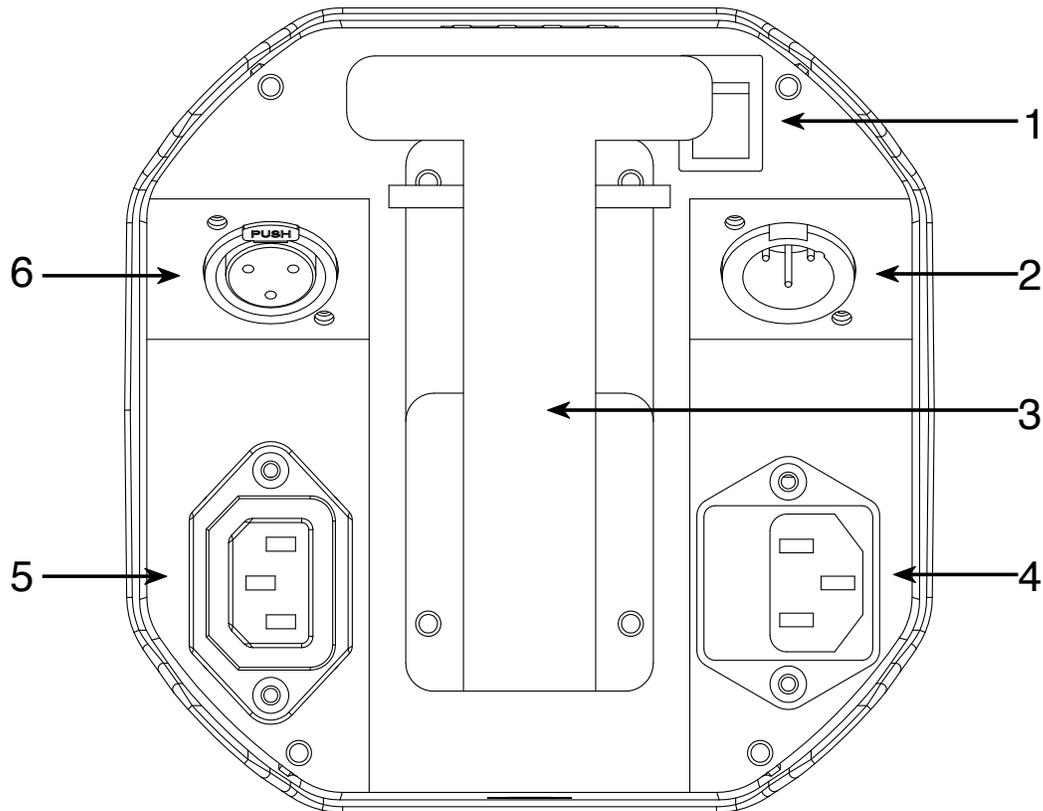
Battery Recharge: To recharge the battery, plug the supplied I.E.C. cord into the I.E.C. input on the side of the unit and plug the other end into a matching power supply. It takes about 4 hours to reach full charge (with the power off). **The display will STOP flashing when the unit reaches 100% charge.**

Note: When unplugging the unit from charging and then applying power via battery, there will be a minimal charge drop.

For a faster recharge, turn the Load Setting to “Off” and turn the battery “On”. See the **Operating Instructions** section of this manual for detailed information.

OVERVIEW

DMX Connections and Power Connections: All connections are located underneath the unit. You will find all connections and other features pointed out below.



1. **Battery On/Off Switch:** This switch is used to turn ON battery power and also turn ON the PCB output. See page 19 “**LOAD SETTING**” to activate.
2. **3-Pin DMX In:** This input is used to send a DMX signal to a connected unit or for primary-secondary setup.
3. **Kickstand:** This kickstand is used to angle the unit to various degrees. There are 3 different degree levels. Note: Be very cautious at the degree in which you angle the unit at, due to the fact that it could fall over.
4. **Power Input & Fuse Holder:** This input is used to connect the included I.E.C. power-cord. After connecting the power cord, plug the other end into a matching power source. Located inside the power socket is the fuse housing. See page 26 for fuse replacement.
5. **Power Output:** This connection is used to receive a incoming power source from another unit.
6. **3-Pin DMX Out:** This output is used to send a signal to a connected unit.

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 Element QA can be controlled via DMX-512 protocol. The Element Hex has 5 DMX modes, please see pages 13 or 19 for the different modes. The DMX address is set on the front panel of the Element QA. Your unit and your DMX controller require a standard 3-pin XLR connector for data input and data output (Figure 1). 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: Be sure to follow figures two and three when making your own cables. Do not use the ground lug on the XLR connector. Do not connect the cable’s shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR’s outer casing. Grounding the shield could cause a short circuit and erratic behavior.

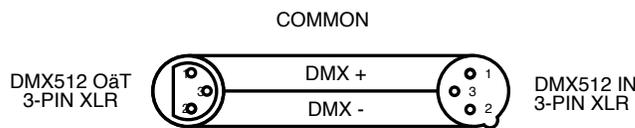


Figure 2

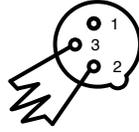


Figure 3

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

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. Figure 4

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 Compliment (- 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 Element Hex, when in 6 channel mode you should set the starting DMX address of the first unit to 1, the second unit to 7 (6 + 1), the third unit to 13 (7 + 6), and so on.

Channel Mode	Unit 1 Address	Unit 2 Address	Unit 3 Address	Unit 4 Address
6 channels	1	7	13	19
7 channels	1	8	15	22
8 channels	1	9	17	25
11channels	1	12	23	34
12channels	1	13	25	37

DMX MODE

DMX Mode:

Operating through a DMX controller gives the user the freedom to create their own programs tailored to their own individual needs. The Element Hex has 5 DMX modes: 6 channel mode, 7 channel mode, 8 channel mode, 11 channel mode, and 12 channel mode. See the **DMX Traits** section of this manual for each modes DMX traits. This function will allow you to control each individual fixture's traits with a standard DMX 512 controller.

1. To run your fixture in DMX mode press the MODE button until "d.XXX" is displayed. "XXX" represents the current displayed DMX address. Use the UP or DOWN buttons to select your desired DMX address, then press the SETUP button to select your DMX Channel mode.
2. Use the UP or DOWN buttons to scroll through the DMX Channel modes. The Channel modes are listed below:
 - To run the 6 Channel Mode, press the MODE button until "Ch06" is displayed.
 - To run the 7 Channel Mode, press the MODE button until "Ch07" is displayed.
 - To run the 8 Channel Mode, press the MODE button until "Ch08" is displayed.
 - To run the 11 Channel Mode, press the MODE button until "Ch011" is displayed.
 - To run the 12 Channel Mode, press the MODE button until "Ch012" is displayed.
3. After you have chosen your desired DMX address and channel mode plug in the fixture via the XLR connections to any standard DMX controller.

DMX TRAITS

CHANNEL					DMX VALUES	FUNCTION
6CH	7CH	8CH	11CH	12CH		
1	1	1	1	1	000 - 255	Red , 0~100%
2	2	2	2	2	000 - 255	Green , 0~100
3	3	3	3	3	000 - 255	Blue , 0~100%
4	4	4	4	4	000 - 255	White , 0~100%
5	5	5	5	5	000 - 255	Amber , 0~100%
6	6	6	6	6	000 - 255	UV , 0~100%
	7	7	7	7	000 - 255	Master Dimmer , 0~100%
						Strobing/Shutter
					000 - 031	LED Off
					032 - 063	LED On
					064 - 095	Strobing, slow to fast
		8	8	8	096 - 127	LED On
					128 - 159	Pulse Strobing, slow to fast
					160 - 191	LED On
					192 - 223	Random Strobing, slow to fast
					224 - 255	LED On
						Program Selection Mode
			9	9	000 - 051	RGBWA+UV Dimming Mode
					052 - 102	Color Macro Mode
					103 - 153	Color Change Mode
					154 - 204	Color Fade Mode
					205 - 255	Sound Active Mode
						Programs
					000 - 255	Color Macro Mode , see Color Macro Chart section of this manual
						Color Change Mode
					000 - 015	Color Change 1
					016 - 031	Color Change 2
					032 - 047	Color Change 3
			10	10	048 - 063	Color Change 4
					064 - 079	Color Change 5
					080 - 095	Color Change 6
					096 - 111	Color Change 7
					112 - 127	Color Change 8
					128 - 143	Color Change 9
					144 - 159	Color Change 10
					160 - 175	Color Change 11

CONTINUED ON NEXT PAGE

DMX TRAITS

CHANNEL					DMX VALUES	FUNCTION
6CH	7CH	8CH	11CH	12CH		
						<i>Color Change Mode (continued)</i>
					176 - 191	Color Change 12
					192 - 207	Color Change 13
					208 - 223	Color Change 14
					224 - 239	Color Change 15
					240 - 255	Color Change 16
						<i>Color Fade Mode</i>
					000 - 015	Color Fade 1
					016 - 031	Color Fade 2
					032 - 047	Color Fade 3
					048 - 063	Color Fade 4
					064 - 079	Color Fade 5
					080 - 095	Color Fade 6
					096 - 111	Color Fade 7
					112 - 127	Color Fade 8
					128 - 143	Color Fade 9
					144 - 159	Color Fade 10
			10	10	160 - 175	Color Fade 11
					176 - 191	Color Fade 12
					192 - 207	Color Fade 13
					208 - 223	Color Fade 14
					224 - 239	Color Fade 15
					240 - 255	Color Fade 16
						<i>Sound Active Mode</i>
					000 - 015	Sound Active Mode 1
					016 - 031	Sound Active Mode 2
					032 - 047	Sound Active Mode 3
					048 - 063	Sound Active Mode 4
					064 - 079	Sound Active Mode 5
					080 - 095	Sound Active Mode 6
					096 - 111	Sound Active Mode 7
					112 - 127	Sound Active Mode 8
					128 - 143	Sound Active Mode 9
					144 - 159	Sound Active Mode 10
					160 - 175	Sound Active Mode 11
					176 - 191	Sound Active Mode 12

CONTINUED ON NEXT PAGE

DMX TRAITS

CHANNEL					DMX VALUES	FUNCTION		
6CH	7CH	8CH	11CH	12CH				
			10	10		<i>Sound Active Mode (continued)</i>		
							192 - 207	Sound Active Mode 13
							208 - 223	Sound Active Mode 14
							224 - 239	Sound Active Mode 15
							240 - 255	Sound Active Mode 16
			11	11	000 - 255	<i>Program Speed</i> , slow to fast		
							000 - 255	<i>Sound Sensitivity</i> , least to most sensitive
				12		<i>Dimmer Curves</i>		
							000 - 020	Standard
							021 - 040	Stage
							041 - 060	TV
							061 - 080	Architectural
							081 - 100	Theatre
							101 - 255	Default to unit setting

NOTE ON 11 CHANNEL DMX MODE & 12 CHANNEL DMX MODE:

- When Channel 9 is between the values of 0-51, Channels 1-6 are used, and Channel 8 will control strobing.
- When Channel 9 is between the values of 52-102, Channel 10 is in Color Macros Mode, and Channel 8 will control strobing.
- When Channel 9 is between the values of 103-153, Channel 10 is in Color Change Mode, and Channel 11 will control the color change speed.
- When Channel 9 is between the values of 154-204, Channel 10 is in Color Fade Mode, and Channel 11 will control the color fade speed.
- When Channel 9 is between the values of 205-255, Channel 10 is in Sound Active Mode, and Channel 11 will control the sound sensitivity.

COLOR MACRO CHART

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

SYSTEM MENU

MENU	SUBMENU	OPTIONS	FUNCTIONS
DMX MODE	Address	d001~d512	DMX Address Setting
	Channels	Ch06	6 DMX Channel Mode
		Ch07	7 DMX Channel Mode
		Ch08	8 DMX Channel Mode
		Ch11	11 DMX Channel Mode
		Ch12	12 DMX Channel Mode
	No DMX mode	blAc	When the DMX signal is lost or interrupted, the unit will go into BLACKOUT mode.
		LAST	When the DMX signal is lost or interrupted, the unit will hold at the LAST DMX setting.
ProG		When the DMX signal is lost or interrupted, the unit will run an auto program.	
Delay mode	dr-0~dr-4	Select the unit delay mode	
SECONDARY	Secondary Setting	SEcd	Designate the unit as a secondary unit in a primary-secondary set up.
DIMMER MODE	Red Dimmer	r.000~r.255	Adjust the intensity of the red color.
	Green Dimmer	G.000~G.255	Adjust the intensity of the green color.
	Blue Dimmer	b.000~b.255	Adjust the intensity of the blue color.
	White Dimmer	U.000~U.255	Adjust the intensity of the white color.
	Amber Dimmer	A.000~A.255	Adjust the intensity of the amber color.
	UV Dimmer	u.000~u.255	Adjust the intensity of the UV color.
	Flash Adjustment	f5.00~5o 1G	Adjust the flash speed. "00" is Off, "01" is the slowest speed, and "15" is the fastest.
SOUND MODE	Sound Active	so01~so1G	Select 1 of 16 sound active programs.
	Sensitivity Adjust	sj-0~sj-8	Adjust the sound sensitivity. "0" is the lowest level, and "8" is the highest level.
AUTO RUN MODE	Color Fade Mode	AF01~AF16	Select 1 of 16 color fade modes.
	Color Change Mode	AJ01~AJ16	Select 1 of 16 color change modes.
	Color Change & Color Fade Mode	A-JF	This mode will run both color change and color fade continuously.
	Speed Adjustment	SP.01~SP.16	Adjust the running speed of the current mode.
STATIC COLOR MODE	Color Select	CL00~CLG3	Select 1 of 63 static colors.
	Flash Adjustment	f5.00~f5.15	Adjust the flash speed. "00" is Off, "01" is the slowest speed, and "15" is the fastest.
BATTERY LIFE ENERGY SAVE LOADING SET UP	Battery Life Display	6---/ 6000~b100	Displays the current battery life. "b---" means that the battery is not being used. "bXXX" means that the battery is in use. "XXX" represents the battery charge percentage. "b000" means that the battery has no charge. "b100" means that the battery is at full charge.
	Energy Saving Mode	65on	Activates energy saving mode.
		b5oF	Deactivates energy saving mode.
	Load On/Off Select	Loon	Activates battery power.
LooF		Deactivates battery power.	
OTHER	Display	don	LED display is always on.
		dooF	LED display turns off after 30 seconds.
	IR Remote On/Off	iron	IR remote function is activated.
		iroF	IR remote function is deactivated.
	Display Normal/Inverted	stnd	LED digital display is normal.
		-3-	LED digital display is inverted.
	Menu Lock	loC1	Deactivate display lock. (Display lock is not active)
		LoC2	Activate display lock. (Press the MODE button for 3 seconds to unlock the display)
LoC3		Activate display lock two. (Press UP-DOWN-UP-DOWN to unlock the display)	
Initialization Mode	dEFA	Default to factory settings.	
WIFLY SET UP	WiFly Address	rC00~rC14	Set the WiFly address.
	WiFly Function On/Off	rCon	WiFly function is active
		rCof	WiFly function is not active.

OPERATING INSTRUCTIONS

Operating Power:

There are two ways to supply power to this unit; battery power or AC power. **Note: You need to activate the LOAD function regardless of how you supply power.**

- **AC Power** - To run the unit using AC power, plug the unit into a power source, and activate the Load Setting. When using AC power make sure the Battery Switch is in the OFF position.
- **Battery Power** - To run the unit using Battery power, switch the battery switch located on the bottom of the fixture into the “On” position, and activate the Load Setting.

Load Setting

This function needs to be activated regardless of using Battery power or AC power. This switch will activate LED PCB output.

1. To activate Load, press the MODE button until either “bXXX”, “bsXX”, or “LoXX” is displayed. “XX” is the represents the current setting of those menus.
2. Press the SET UP button so that “LoXX” is displayed. “XX” represents either “on” or “oF” (Off).
3. Press the UP or DOWN buttons so that “on” is displayed.

Energy Saving Mode

This will decrease the LED’s brightness gradually when the battery life is less than 80%, this is will extend the battery life.

1. To activate energy saving mode, press the MODE button until either “bXXX”, “bsXX”, or “LoXX” is displayed. “XX” represents the current setting of the displayed menu.
2. Press the SET UP button so that “bS:XX” is displayed. “XX” represents either “on” or “oF” (Off).
3. Press the UP or DOWN button so that “on” is displayed. If “on” is displayed then the fixture is already in energy saving mode.

Display Lock:

1. Plug the fixture in and press the MODE button until “dXX” is displayed. “XX” represents either “on” or “off”.
2. Plug the fixture in and press the SET UP button until “LoCX” is displayed. “X” represents an number between 1-3.
3. Press the UP or DOWN buttons to find your desired setting.
 - “LoC1” - The keypad will remain unlocked at all times.
 - “LoC2” - The keypad will lock after 10 seconds, press the MODE button for 3 seconds to unlock the keypad.
 - “LoC3” - This lock setting is used to prevent the accidental unlocking of the keypad. To unlock the keypad press UP, DOWN, UP, DOWN, in that order.

LED Display On/Off:

To set the LED display light to turn off after 20 seconds, press the MODE button until “dXX” is displayed. “XX” represents either “on” or “oFF”. Press the UP or DOWN buttons so that OFF is displayed. Now the display light will turn off after 30s. Press any button to turn the display on again.

Operating Modes:

The Element Hex has five operating modes:

- **RGBWA+UV Dimmer Mode** - Choose one of the six colors to remain static or adjust the intensity of each color to make your desired color.
- **Sound Active mode** - The unit will react to sound, chasing through the built in programs. There are 16 sound active modes.
- **Auto Run Mode** - In Auto Run mode, you can choose 1 of 16 color change modes, 1 of 16 color fade modes, or a combination color change & color fade mode.
- **Color Macro Mode** - There are 63 color macros to choose from
- **DMX control mode** - This function will allow you to control each individual fixture traits with a standard DMX 512 controller.

OPERATING INSTRUCTIONS

RGBWA & UV Dimmer Mode:

1. Plug the fixture in and press the MODE button “**r: XXX**” is displayed. You now are in Red dimming mode. Press the UP and DOWN buttons to adjust intensity. After you have finished adjusting the intensity, or if you would like to skip to the next color, press the SET UP button.
2. When “**G: XXX**” is displayed you are in Green dimming mode. Press the UP and DOWN buttons to adjust the intensity.
3. When “**b: XXX**” is displayed you are in Blue dimming mode. Press the UP and DOWN buttons to adjust the intensity.
4. When “**U: XXX**” is displayed you are in White dimming mode. Press the UP and DOWN buttons to adjust the intensity.
5. When “**A: XXX**” (Amber) is displayed you are in Amber dimming mode. Press the UP and DOWN buttons to the adjust intensity.
6. When “**u: XXX**” is displayed you are in UV dimming mode. Press the UP and DOWN buttons to adjust the intensity.
7. After you have adjusted the colors to make your desired color, you can then activate strobing by pressing the SET UP button to enter the strobe mode.
8. “**FS: XX**” will be displayed, this is strobe mode. The strobe can be adjusted between “00” (flash off) to “15” (fastest flash).

Sound Active Mode:

1. To Plug the fixture in and press the MODE button until “**SoXX**” is displayed. “**XX**” represents the current sound active mode (1-16).
2. Use the UP or DOWN buttons to find your desired sound active mode.
3. Press the SET UP button to enter sound sensitivity adjustment. “**SJ-X**” will be displayed. Use the UP or DOWN buttons to adjust the sensitivity. “**SJ-1**” is the lowest sensitivity, “**SJ-8**” is the highest. “**SJ-0**” turns the sound sensitivity off.

Static Color Mode (Color Macros):

1. Plug the fixture in and press the MODE button until “**CLXX**” is displayed.
2. There are 63 colors to choose from. Select your desired color by pressing the UP and DOWN buttons. After you have selected your desired color you can activate strobing by pressing the SET UP button to enter the Flash (strobe) mode.
3. “**FS.XX**” will be displayed, this is Flash mode. The Flash can be adjusted between “**FS.00**” (flash off) to “**FS.15**” (fastest flash).

Auto Run Mode:

There are 3 types of Auto Run Modes to choose from; Color Fade, Color Change, and both color change and color fade modes running together. The running speed is adjustable in all 3 modes.

1. Plug the fixture in and press the MODE button until either “**AFXX**”, “**AJXX**”, or “**A-JF**” is displayed.
 - **AFXX - Color Fade mode**, there are 16 Color Fade modes to choose from. Use the UP or DOWN buttons to scroll through the different Auto Fade modes.
 - **AJXX - Color Change mode**, there are 16 Color Change modes to choose from. Use the UP or DOWN buttons to scroll through the different Auto Change modes.
 - **A-JF - Both Color Fade and Color Change modes running.**
2. After you have chosen your desired running mode press the SET UP button until “**SP.XX**” is displayed. When this is displayed you can adjust the running speed of your desired program. Use the UP or DOWN button to adjust the speed between “**SP.01**” (slowest) and “**SP.16**” (fastest). Once you have set your desired running speed, press the SET UP button to return to your selected Auto Run mode.

OPERATING INSTRUCTIONS

DMX State:

This mode defines how the fixture will operate in the event that the DMX signal is lost or interrupted.

1. Plug the fixture in and press the MODE button until “d.XXX” is displayed. “XXX” represents the current displayed DMX address.
2. Press the SET UP button so that “nodn” is displayed. Use the UP and DOWN buttons to scroll through the DMX states.
 - **“bLAC” (Blackout)** - If the DMX signal is lost or interrupted, the unit will automatically go into stand by mode.
 - **“LAST” (Last State)** - If the DMX signal is lost or interrupted, the fixture will stay in the last DMX set up. If power is applied and this mode is set, the unit will automatically go into the last DMX set up.
 - **“ProG” (Auto Run)** - If the DMX signal is lost or interrupted, the unit will automatically go into Auto Run mode.
3. After you have found your desired setting, press SET UP to exit.

WiFly On/Off and Wireless Addressing:

This function is used to activate the WiFly control and set the WiFly address.

NOTE: The address must match the address that is set to WiFly TransCeiver or WiFly controller.

1. Plug the fixture in and press the MODE button until “rCXX” is displayed. This is the wireless set up mode.
2. Press the UP or DOWN buttons the UP or DOWN buttons to turn the Wireless “On” or “Of” (Off).
3. Press the SET UP button to enter the Wireless address menu. Use the UP or DOWN buttons to select your desired Wireless address.

Activate IR Sensor:

This function is used to activate and deactivate the IR sensor. When this function is activated you can control the fixture using the UC IR remote.

1. Plug the fixture in and press the MODE button until “dXX” is displayed. “XX” represents either “on” or “oF” (Off).
2. Press the SET UP button until “IrXX” is displayed. “XX” represents either “on” or “oF” (Off).
3. Press the UP or DOWN buttons to either activate the remote function (On) or deactivate it (Off).

Secondary Setting:

This function is used to designate the unit as a “Secondary” unit in a Primary-Secondary set up.

Plug the fixture in and press the MODE button until “Secd” is displayed. The unit is now designated as a “Secondary” unit in a Primary-Secondary set up and will follow the actions of the primary unit.

Default Running Mode:

This is a default running mode. When this mode is activated all modes will return to their default settings.

1. Plug the fixture in and press the MODE button until “dXX” is displayed. “XX” represents either “on” or “oF”.
2. Press the SET UP button until “dEFA” is displayed.
3. Press the UP and DOWN buttons simultaneously. Press the MODE button to exit.

PRIMARY-SECONDARY SETUP

This function will allow you to link units to run in a Primary-Secondary set-up. In a Primary-Secondary set up one unit will act as the controlling unit and the others will react to the controlling units built-in programs. Any unit can act as a Primary or as a Secondary however, only one unit can be programmed to act as the “Primary.”

Primary-Secondary Connections and Settings:

1. Daisy chain your units via the XLR connector on the rear of the unit. Use standard XLR data cables to link your units together. Remember that the Male XLR connector is the input and the Female XLR connector is the output. The first unit in the chain (primary) will use the female XLR connector only. The last unit in the chain will use the male XLR connector only.
2. Connect the first “Secondary” unit to the “Primary.”
3. Set the “Primary” unit to your desired mode of operation. On the “Secondary” unit(s) press the MODE button until “SEcd” is displayed. Refer to the **Operating Instructions** section of this manual.

WIFLY SETUP

This unit can only be controlled using WiFly. Your DMX controller must be connected to a ADJ WiFi Transceiver to use this function. You are able to communicate up to 2500 feet/760 meters (open line of sight).

1. Refer to the steps listed in the **Operation Instructions** section of this manual to set the WiFly address and to activate WiFly. The address must match the address set on the WiFly WiFi Transceiver.
2. After you have set the WiFly address, follow the DMX instructions shown in the **Operation Instructions** section of this manual to select your desired DMX Channel mode and set your DMX address.
3. The fixture must be set up first before you apply power to WiFly Transceiver.
4. If everything is set up properly and the fixture is receiving a Wireless signal, you should now be able to control it with a DMX controller.

WIFLY PRIMARY-SECONDARY SETUP

WiFly Primary-Secondary Set Up:

This function will allow you to link units together via WiFly to run in a Primary-Secondary setup.

1. Follow the instructions in the **Operation Instructions** section of this manual to set the WiFly address and to activate WiFly. The addresses on each fixture must be the same.
2. After you have set the WiFly address, select your “Primary” unit and set your desired operating mode.
3. Set the “Primary” unit to your desired mode of operation. On the “Secondary” unit(s) press the MODE button until “SEcd” is displayed. Refer to the **Operation Instructions** section of this manual for more detailed information.
4. If everything is set up correctly, the “Secondary” units will start following the “Primary” unit.

UC IR CONTROL

WIRELESS 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.



UC IR REMOTE

The unit should respond to commands issued from the UC IR Remote. **NOTE: The 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.**



UC IR CONTROL

WIRELESS FUNCTIONS

The UC IR (sold separately) infrared remote gives you control of various functions (See below). To control the fixture you must aim the remote at the front of the fixture and be within the maximum range of 30 feet. To use the ADJ UC IR you must first activate the fixtures infrared sensor, as instructed in the *Operating Instructions* section of this manual.

STAND BY - Pressing this button will blackout the fixture. Press the button again to return to the initial state.

FULL ON - Press this button to fully light up the unit.

FADE/GOBO - This button can activate color change mode, color fade mode, or combination color change and fade mode. Each press of the button will switch through the 3 different modes. Use the numeral buttons 1-9 to select the program number within your desired mode. Use the dimmer buttons to adjust the output intensity. **Note:** Running speed is not adjustable using the IR control functions.

Example: In color change mode (AJXX), press the numeral buttons “**1+3**” to run color change program “**13**”.

In color fade mode (AFX), press the numeral button “**7**” to run color fade program “**7**”.

Note: Color change and fade combination mode has only one program.

“**DIMMER +**” and “**DIMMER -**” - Use these buttons to adjust the output intensity in operating mode.

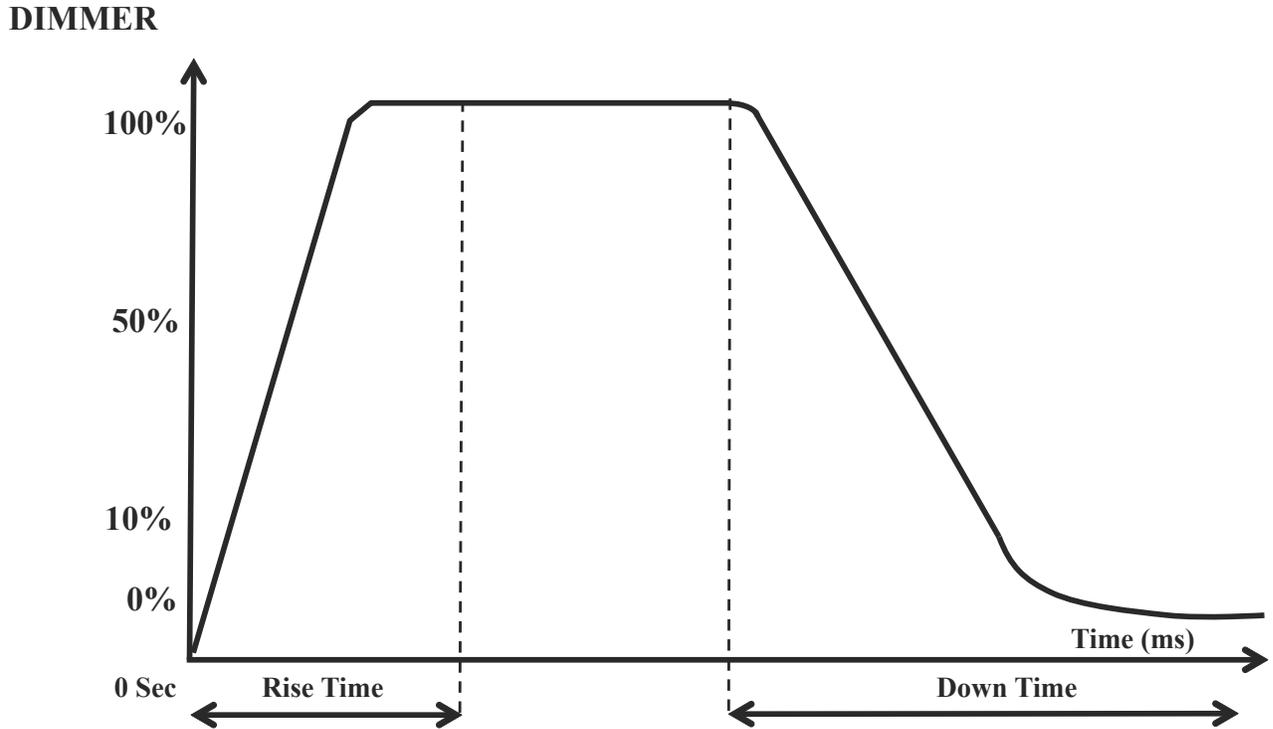
STROBE - Press this button to activate strobing. Use buttons 1-4 to adjust the strobe speed. “**1**” being the slowest, “**4**” being the fastest.

COLOR - Press this button to activate color macro mode. Use the numeral buttons 1-9 to select your desired color. Use the dimmer buttons to adjust the output intensity.

Numeral Buttons 1-9 - Use buttons 1-9 to select your desired color in static color mode, or your desired program in color fade mode and color change mode. In static color mode, color fade mode, or color change mode, press the corresponding numeral buttons to select your desired color or program.

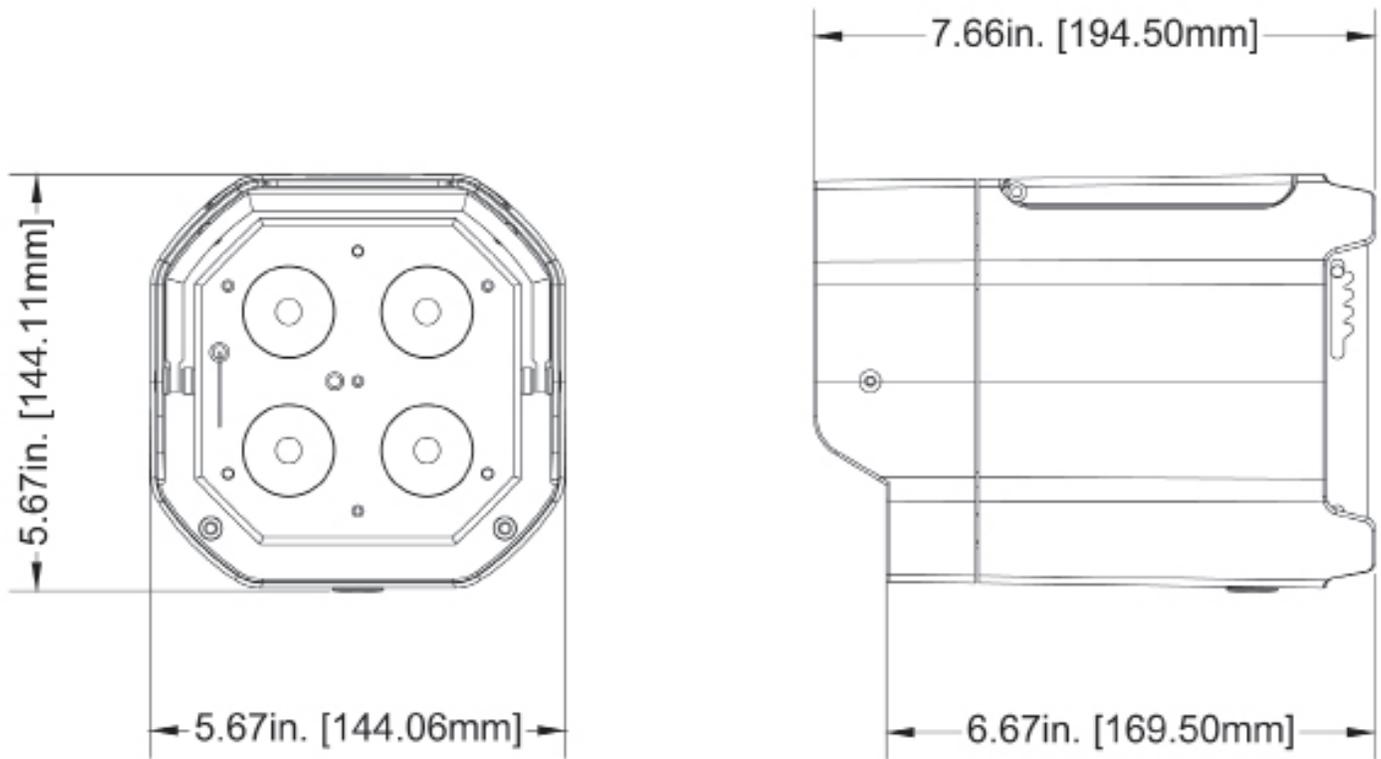
SOUND ON & OFF - Use the buttons to activate and deactivate sound active mode. **SHOW 0** - Press this button along with any single numeral button to access a static color, or program within color change mode and color fade mode.

DIMMER CURVE CHART

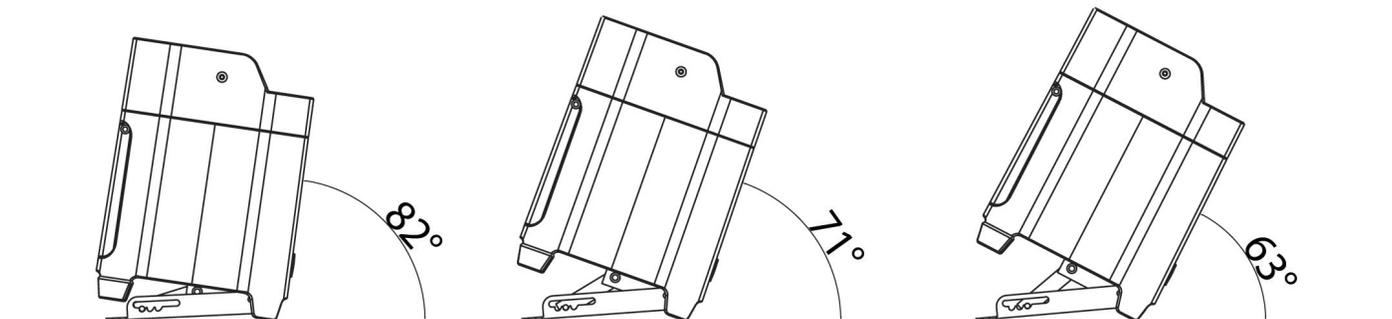


Dimming Curve Ramp Effect	0 sec Fade Time		1 sec Fade Time	
	Rise Time (ms)	Down Time (ms)	Rise Time (ms)	Down Time (ms)
Standard (default)	0	0	0	0
Stage	780	1100	1540	1660
TV	1180	1520	1860	1940
Architectural	1380	1730	2040	2120
Theatre	1580	1940	2230	2280

DIMENSIONAL DRAWING



KICKSTAND ANGLES



MULTIPLE UNIT 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.

FUSE REPLACEMENT

Disconnect the unit from its power source. Remove the power cord from the unit. Once the cord has been removed, you will find that the fuse holder is located inside the power socket. Insert a flat-head screw driver into the power socket and gently pry out the fuse holder. Remove the bad fuse and replace with a new one. The fuse holder also has a holder for a spare fuse.

TROUBLESHOOTING

Listed below are a few common problems the user may encounter, with solutions.

Unit not responding to DMX:

Check that the DMX cables are connected and wired correctly (pin 3 is “hot”; on some other DMX devices pin 2 may be “hot”). Check that all cables are connected to the right connectors, as the way in which the inputs and outputs are connected does affect the operation of the unit.

Unit does not respond to sound:

- Quiet or high pitched sounds will not activate the unit.
- Make sure that Sound Active mode is activated.

CLEANING

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

- Use normal glass cleaner and a soft cloth to wipe down the outside casing.
- Clean the external optics with glass cleaner and a soft cloth every 20 days.
- 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).

OPTIONAL ACCESSORIES

ORDER CODE	ITEM
EPC600	6-PACK SKB CASE
EFC800	8-PACK CHARGING CASE

WARRANTY

MANUFACTURER'S LIMITED WARRANTY

- 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, nor 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 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 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.

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.

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 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 (excluding laser diodes which have a 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

SPECIFICATIONS

Model:	Element Hex
Voltage:	100V ~ 240V/50~60Hz
LEDs:	4 x 10W Hex LEDs (RGBWA+UV 6-in-1)
Beam Angle:	20 Degrees
Working Position:	Any safe working position
Fuse:	250V, 2A
Power Draw:	42W
Wavelength:	395~435nm
Weight:	6.5lbs./ 2.9Kgs.
Dimensions:	5.67" (L) x 5.67" (W) x 7.66" (H) 144.06 x 144.11 x 194.5mm
Colors:	RGBWA+UV
5 DMX Modes:	6 Channel Mode 7 Channel Mode, 8 Channel Mode, 11 Channel Mode, & 12 Channel Mode
Battery Charge Time:	4 Hours (With LOAD Off and POWER On)
Battery Life:	BATTERY SAVING MODE OFF 9 Hours (Full Charge Single Color) 2 Hours (Full On) BATTERY SAVING MODE ON 16 Hours (Full Charge Single Color) 8 Hours (Full On)
Battery Lifetime*:	Average Lifetime is 500 Charges
Battery Type:	Fixed Lithium Battery
Battery Energy:	73.26WH (Watt Hours)
Battery Weight:	1 lb. / 0.42kg
Battery Voltage:	11.1V
Battery Capacity:	6.6AH
Total Lithium Ion Cells:	9pcs
Battery Wrap Material:	PVC Sleeving + Highland Barley Paper
Warranty**:	2 Year (730 days) Limited Warranty
Approvals / Ratings:	cETLus Approved / CE Certified

*This depends on charging frequency

**See Warranty page for more details

Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

