ELATION

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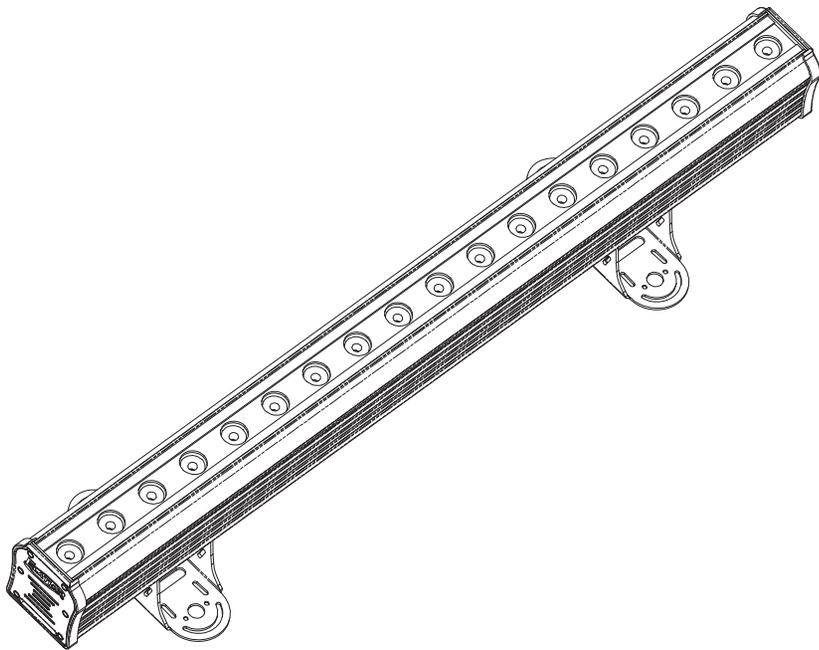
ELED QA Strip

User Instructions

Unpacking: Thank you for purchasing the ELED QA Strip by Elation Professional®. Every ELED QA Strip 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 customer support number for further instructions. Do not return this unit to your dealer without first contacting customer support.

Introduction: The ELED QA Strip is part of Elation Professionals® continuing pursuit for creating high quality affordable intelligent fixtures. The ELED QA Strip is a powerful DMX intelligent 4-in-1 RGBA (Red, Green, Blue, & Amber) LED strip. This unit can has 4 operating modes; Macro mode, Program mode, RGBA mode, and DMX controlled. This unit can be used as a single, stand alone unit or used in a master-slave configuration.

Customer Support: ©Elation® provides a customer support line, to provide set up help and to answer any question should you encounter problems during your set up or initial operation. You may also visit us on the web at www.elationlighting.com for any comments or suggestions. Service Hours are Monday through Friday 8:00 a.m. to 4:30 p.m. Pacific Standard Time.

      Voice: (323) 582-3322
      Fax: (323) 832-9142
      E-mail: support@elationlighting.com

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 ©Elation customer support.

PLEASE recycle the shipping carton when ever possible.

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.

ELED QA Strip   Features

- Multi-Colors
- Built in Microphone
- Four Operating Modes
- 68 Color Macros
- DMX-512 protocol
- 9 DMX Modes: 1 Channel Mode, 2 Channel Mode, 4 Channel Mode, 5 Channel Mode, 7 Channel Mode, 8 Channel Mode, 36 Channel Mode, 54 Channel Mode, & 72 Channel Mode.
- Pixel Direction Control: The direction in which the pixels light up can be reversed so that the pixels can light up at either end of the bar. This feature is used with 36 DMX Channel mode, 54 DMX Channel mode, and 72 DMX Channel mode. This feature is also used with some built-in programs under Program Mode.

ELED QA Strip   Warranty Registration

The ELED QA Strip carries a two 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.

- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture
- Do not spill water or other liquids into or on to your unit.
- 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 cover 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.
- This unit is intended for indoor use only, use of this product out` doors voids all warranties.
- 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 19 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. Objects have fallen, or liquid has been spilled into the appliance.
   C. The appliance has been exposed to rain or water.
   D. The appliance does not appear to operate normally or exhibits a marked change in performance.

Power Supply: The Elation ELED QA Strip contains an automatic voltage switch, which will auto sense the voltage when it is plugged into the power source. With this switch there is no need to worry about the correct power voltage, this unit can be plugged in anywhere.

DMX-512: *DMX is short for Digital Multiplex. This is a universal protocol used by most lighting and controller manufactures 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 ELED QA Strip has 9 DMX Channel Modes. The DMX address is set electronically using the controls on the rear panel of the unit. Your unit and your DMX controller require a approved DMX-512 110 Ohm Data cable for data input and data output. We recommend Accu-Cable DMX cables. If you are making your own cables, be sure to use standard 110-120 Ohm shielded cable (This cable may be purchased at almost all professional sound and 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.

Figure 1

Special Note: Line Termination. When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behavior. A terminator is a 110-120 ohm 1/4 watt resistor which is connected between pins 2 and 3 of a male XLR connector (DATA + and DATA -). This unit is inserted in the female XLR connector of the last unit in your daisy chain to terminate the line. Using a cable terminator (ADJ part number Z-DMX/T) will decrease the possibilities of erratic behavior.

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

5-Pin XLR DMX Connectors. Some manufactures use 5-pin DMX-512 data cables for DATA transmission in place of 3-pin. 5-pin DMX fixtures may be implemented in a 3-pin DMX line. When inserting standard 5-pin data cables in to a 3-pin line a cable adaptor must be used, these adaptors 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

LED Display Backlight On/Off:

To set the LED display to turn off after 10 seconds, press the MODE button until "Disperm BackLight" is displayed. Either "On" or "Off" will be displayed. Press the UP or DOWN button so that "Off" is displayed, the display will now turn off after 10secs. Press any button for at least 5secs. to turn the display on again. Be advised though that the display will turn off automatically after 10 seconds of inactivity. To make the backlight display stay on at all times, press the UP of DOWN button so that "On" is displayed.

Operating Modes:

You can use the ELED QA Strip in four ways:
- Macro Mode - There are 68 color macros to choose from.
- Program Mode - There are 15 built in programs and sound active mode to choose from.
- RGBA mode - Control the intensity of all four colors adjusting the intensity to your desire.
- DMX control mode - This function will allow you to control each individual fixtures traits with a standard DMX 512 controller such as as the Elation® Show Designer™.

Macro Mode:

1. Plug the fixture in and press the MODE button until "Color Macro" is displayed.
2. There are 68 macros to choose from. Select your desired macro by pressing the UP and DOWN buttons.

Fade Program: This mode is used in conjunction with the RGBA mode.

1. To run a fade program first create your desired color in RGBA mode. After you have created your color press the MODE button until "Program Fade Speed" is displayed.
2. Press the UP or DOWN buttons to make the adjustmetns. "Speed 0" is the slowest speed, "Speed 15" the fastest speed.

Program Mode:

1. Plug the fixture in and press the MODE button until "Color Program" is displayed.
2. There are 15 built-in programs to choose from or you can select "sound active" to run the unit by sound. Select your desired program by pressing the UP and DOWN buttons. You can set your program

speed by following the next set of instructions. The direction of certain programs can also be changed under Directions Set.

Direction Set: This feature is used in conjunction with 36 DMX Channel mode, 54 DMX Channel mode and 72 DMX Channel mode. The direction in which the pixels light up can be reversed so that the pixel line up can start at either end of the bar. This feature is useful when the unit is installed in a reversed orientation so the unit itself does not have to be uninstalled and reversed. *Example: When using 36 Channel mode, Channel 1 LEDs 1 & 2 can start at either end of the bar depending on the "Direction Set" set up.*

1. To change the starting direction press the MODE button until "Direction Set" is displayed.
2. Press the UP or DOWN buttons to select "Positive" in which the pixels light up from right to left, or "Negative" in which the pixels will light up left to right.

Program Mode Speed Adjustment:

1. To adjust the speed of your program press the MODE button until "Color Speed" is displayed.
2. Press the UP or DOWN buttons to make the adjustmetns. "Speed 1" is the slowest speed, "Speed 16" the fastest speed.

RGBA Mode:

1. Plug the fixture in and press the MODE button until:
2. When "Single Color Red" is displayed you are in Red dimming mode. Press the UP and DOWN buttons to adjust intensity.
3. When "Single Color Green" is displayed you are in Green dimming mode. Press the UP and DOWN buttons to adjust intensity.
4. When "Single Color Blue" is displayed you are in Blue dimming mode. Press the UP and DOWN buttons to adjust intensity.
5. When "Single Color Amber" is displayed you are in White dimming mode. Press the UP and DOWN buttons to adjust intensity.
6. You can use the color macro chart on page 14 to create one of the 68 macros.

DMX Mode:

Operating through a DMX controller gives the user the freedom to create their own programs tailored to their own individual needs. The ELED QA Strip has 9 DMX modes: 1 Channel mode, 2 Channel mode, 4 Channel mode, 5 Channel mode, 7 Channel mode, 8 Channel mode, 36 Channel

mode, 54 Channel mode, and a 72 Channel mode. See pages 11-16 for each modes' DMX traits.

1. This function will allow you to control each individual fixture's traits with a standard DMX 512 controller such as the Elation® Show Designer™ or the Elation® DMX Operator™.
2. To run your fixture in DMX mode, plug in the fixture via the XLR connections to any standard DMX controller. Select your desired DMX mode, and then press the UP or DOWN buttons to adjust the DMX address.
3. DMX Channel Modes are as follows:
   - To run the 1 Channel Mode, press the MODE button until "1 Channel DMX" is displayed. This is the DMX addressing for the 1 Channel Mode.
   - To run the 2 Channel Mode, press the MODE button until "2 Channel DMX" is displayed. This is the DMX addressing for the 2 Channel Mode.
   - To run the 4 Channel Mode, press the MODE button until "4 Channel DMX" is displayed. This is the DMX addressing for the 4 Channel Mode.
   - To run the 5 Channel Mode, press the MODE button until "5 Channel DMX" is displayed. This is the DMX addressing for the 5 Channel Mode.
   - To run the 7 Channel Mode, press the MODE button until "7 Channel DMX" is displayed. This is the DMX addressing for the 7 Channel Mode.
   - To run the 8 Channel Mode, press the MODE button until "8 Channel DMX" is displayed. This is the DMX addressing for the 8 Channel Mode.
   - To run the 36 Channel Mode, press the MODE button until "36 Channel DMX" is displayed. This is the DMX addressing for the 36 Channel Mode.
   - To run the 54 Channel Mode, press the MODE button until "54 Channel DMX" is displayed. This is the DMX addressing for the 54 Channel Mode.
   - To run the 72 Channel Mode, press the MODE button until "72 Channel DMX" is displayed. This is the DMX addressing for the 72 Channel Mode.
4. Please see pages 11-16 for DMX values and traits.

Master-Slave Operation:
This function will allows you to link units together to run in a Master-Slave mode. In Master-Slave operation 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 Master or as a Slave however, only one unit can be programmed to act as the "Master."

Master-Slave 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 ouput. The first unit in the chain (master) will use the female XLR connector only. The last unit in the chain will use the male XLR connector only.
2. Set the "Master" unit to your desired mode or operation.
3. For the "Slave" unit(s), set the display to any DMX channel mode.
4. Connect the "Slave" unit or units and they will automatically start to follow the "Master."

ELED QA Strip		1 Channel Mode
Channel	**Value**	**Function**
1	0 - 255	COLOR MACROS PLEASE SEE COLOR MACRO CHART ON PAGE 17

ELED QA Strip		2 Channel Mode
Channel	**Value**	**Function**
1	0 - 255	COLOR MACROS PLEASE SEE COLOR MACRO CHART ON PAGE 17
2	0 - 255	MASTER DIMMER 0% - 100%

ELED QA Strip		4 Channel Mode
Channel	**Value**	**Function**
1	0 - 255	RED 0% - 100%
2	0 - 255	GREEN 0% - 100%
3	0 - 255	BLUE 0% - 100%
4	0 - 255	AMBER 0% - 100%

ELED QA Strip		5 Channel Mode
Channel	**Value**	**Function**
1	0 - 255	RED 0% - 100%
2	0 - 255	GREEN 0% - 100%
3	0 - 255	BLUE 0% - 100%
4	0 - 255	AMBER 0% - 100%
5	0 - 255	MASTER DIMMER 0% - 100%

ELED QA Strip		7 Channel Mode
Channel	**Value**	**Function**
1	0 - 255	RED 0% - 100%
2	0 - 255	GREEN 0% - 100%
3	0 - 255	BLUE 0% - 100%
4	0 - 255	AMBER 0% - 100%
5	0 - 255	COLOR MACROS PLEASE SEE COLOR MACRO CHART ON PAGE 17
6	0 - 15 16 - 255	NOTHING STROBING/SPEED CONTROL
7	0 - 255	MASTER DIMMER 0% - 100%

Channel 1, 2, 3, & 4 will not work, when Channel 5 is being used.

Channel	Value	Function
1		RED
	0 - 255	0% - 100%
2		GREEN
	0 - 255	0% - 100%
3		BLUE
	0 - 255	0% - 100%
4		AMBER
	0 - 255	0% - 100%
5	0 - 255	COLOR MACROS
		PLEASE SEE COLOR MACRO CHART ON PAGE 17
6		STROBING/PROGRAM SPEED
	0 - 15	NOTHING
	16 - 255	STROBING
		SLOW - FAST
	1 - 255	PROGRAM SPEED SLOW - FAST
7		MODE
	0 - 127	OFF
	128 - 159	AUTO MIX
	160 - 191	3 COLOR JUMP
	192 - 223	7 COLOR JUMP
	224 - 255	SOUND ACTIVE
8		MASTER DIMMER
	0 - 255	0% - 100%

Channel 1, 2, 3, & 4 will not work, when Channel 5 is being used.

When using Channel 7, Channel 6 will control the speed of the color changing.

Channel	Value	Function
1		RED (LED 1 & 2)
	0 - 255	0% - 100%
2		GREEN (LED 1 & 2)
	0 - 255	0% - 100%
3		BLUE (LED 1 & 2)
	0 - 255	0% - 100%
4		AMBER (LED 1 & 2)
	0 - 255	0% - 100%
5		RED (LED 3 & 4)
	0 - 255	0% - 100%
6		GREEN (LED 3 & 4)
	0 - 255	0% - 100%
7		BLUE (LED 3 & 4)
	0 - 255	0% - 100%
8		AMBER (LED 3 & 4)
	0 - 255	0% - 100%
CHANNELS 9-28 THE SAME RGBA LED PATTERN CONTINUES		
THE DIRECTION IN WHICH THE PIXELS LIGHT UP CAN BE SWITCHED USING THE DIRECTION SET FEATURE ON PAGE 8		
29		RED (LED 15 & 16)
	0 - 255	0% - 100%
30		GREEN (LED 15 & 16)
	0 - 255	0% - 100%
31		BLUE (LED 15 & 16)
	0 - 255	0% - 100%
32		AMBER (LED 15 & 16)
	0 - 255	0% - 100%
33		RED (LED 17 & 18)
	0 - 255	0% - 100%
34		GREEN (LED 17 & 18)
	0 - 255	0% - 100%
35		BLUE (LED 17 & 18)
	0 - 255	0% - 100%
36		AMBER (LED 17 & 18)
	0 - 255	0% - 100%

ELED QA Strip		54 Channel Mode
Channel	**Value**	**Function**
1		RED (LED 1)
	0 - 255	0% - 100%
2		GREEN (LED 1)
	0 - 255	0% - 100%
3		BLUE (LED 1)
	0 - 255	0% - 100%
4		RED (LED 2)
	0 - 255	0% - 100%
5		GREEN (LED 2)
	0 - 255	0% - 100%
6		BLUE (LED 2)
	0 - 255	0% - 100%
7		RED (LED 3)
	0 - 255	0% - 100%
8		GREEN (LED 3)
	0 - 255	0% - 100%
CHANNELS 9-46 THE SAME RGBA LED PATTERN CONTINUES		
THE DIRECTION IN WHICH THE PIXELS LIGHT UP CAN BE SWITCHED USING THE DIRECTION SET FEATURE ON PAGE 8		
47		GREEN (LED 16)
	0 - 255	0% - 100%
48		BLUE (LED 16)
	0 - 255	0% - 100%
49		RED (LED 17)
	0 - 255	0% - 100%
50		GREEN (LED 17)
	0 - 255	0% - 100%
51		BLUE (LED 17)
	0 - 255	0% - 100%
52		RED (LED 18)
	0 - 255	0% - 100%
53		GREEN (LED 18)
	0 - 255	0% - 100%
54		BLUE (LED 18)
	0 - 255	0% - 100%

ELED QA Strip		72 Channel Mode
Channel	**Value**	**Function**
1		RED (LED 1)
	0 - 255	0% - 100%
2		GREEN (LED 1)
	0 - 255	0% - 100%
3		BLUE (LED 1)
	0 - 255	0% - 100%
4		AMBER (LED 1)
	0 - 255	0% - 100%
5		RED (LED 2)
	0 - 255	0% - 100%
6		GREEN (LED 2)
	0 - 255	0% - 100%
7		BLUE (LED 2)
	0 - 255	0% - 100%
8		AMBER (LED 2)
	0 - 255	0% - 100%
CHANNELS 9-64 THE SAME RGBW PATTERN CONTINUES		
THE DIRECTION IN WHICH THE PIXELS LIGHT UP CAN BE SWITCHED USING THE DIRECTION SET FEATURE ON PAGE 8		
65		RED (LED 17)
	0 - 255	0% - 100%
66		GREEN (LED 17)
	0 - 255	0% - 100%
67		BLUE (LED 17)
	0 - 255	0% - 100%
68		AMBER (LED 17)
	0 - 255	0% - 100%
69		RED (LED 18)
	0 - 255	0% - 100%
70		GREEN (LED 18)
	0 - 255	0% - 100%
71		BLUE (LED 18)
	0 - 255	0% - 100%
72		AMBER (LED 18)
	0 - 255	0% - 100%

	DMX	R	G	B	A
Black	0	0	0	0	0
Macro mode1	1-4	80	255	234	80
Macro mode2	5-8	80	255	164	80
Macro mode3	9-12	77	255	112	77
Macro mode4	13-16	117	255	83	83
Macro mode5	17-20	160	255	77	77
Macro mode6	21-24	223	255	83	83
Macro mode7	25-28	255	243	77	77
Macro mode8	29-32	255	200	74	74
Macro mode9	33-36	255	166	77	77
Macro mode10	37-40	255	125	74	74
Macro mode11	41-44	255	97	77	74
Macro mode12	45-48	255	71	77	71
Macro mode13	49-52	255	83	134	83
Macro mode14	53-56	255	93	182	93
Macro mode15	57-60	255	96	236	96
Macro mode16	61-64	238	93	255	93
Macro mode17	65-68	196	87	255	87
Macro mode18	69-72	150	90	255	90
Macro mode19	73-76	100	77	255	77
Macro mode20	77-80	77	100	255	77
Macro mode21	81-84	67	148	255	67
Macro mode22	85-88	77	195	255	87
Macro mode23	89-92	77	234	255	77
Macro mode24	93-96	158	255	144	144
Macro mode25	97-100	255	251	153	153
Macro mode26	101-104	255	175	147	147
Macro mode27	105-108	255	138	186	138
Macro mode28	109-112	255	147	251	147
Macro mode29	113-116	151	138	255	138
Macro mode30	117-120	151	147	255	147
Macro mode31	121-124	138	169	255	138
Macro mode32	125-128	255	255	255	255
Macro mode33	129-132	255	206	143	0
Macro mode34	133-136	254	177	153	0
Macro mode35	137-140	254	192	138	0
Macro mode36	141-144	254	165	98	0
Macro mode37	145-148	254	121	0	0
Macro mode38	149-152	176	17	0	0
Macro mode39	153-156	96	0	11	0
Macro mode40	157-160	234	139	171	0
Macro mode41	161-164	224	5	97	0
Macro mode42	165-168	175	77	173	0
Macro mode43	169-172	119	130	199	0
Macro mode44	173-176	147	164	212	0
Macro mode45	177-180	88	2	163	0
Macro mode46	181-184	0	38	86	0
Macro mode47	185-188	0	142	208	0
Macro mode48	189-192	52	148	209	0
Macro mode49	193-196	1	134	201	0
Macro mode50	197-200	0	145	212	0
Macro mode51	201-204	0	121	192	0
Macro mode52	205-207	0	129	184	0
Macro mode53	208-210	0	83	115	0
Macro mode54	211-213	0	97	166	0
Macro mode55	214-216	1	100	167	0
Macro mode56	217-219	0	40	86	0
Macro mode57	220-222	209	219	182	0
Macro mode58	223-225	42	165	85	0
Macro mode59	226-228	0	46	35	0
Macro mode60	229-231	8	107	222	0
Macro mode61	232-234	107	156	231	0
Macro mode62	235-237	165	198	247	0
Macro mode63	238-240	0	0	189	0
Macro mode64	241-243	255	255	255	0
Macro mode65	244-246	255	0	0	0
Macro mode66	247-249	0	255	0	0
Macro mode67	250-252	0	0	255	0
Macro mode68	253-255	0	0	0	255

ELED QA STRIP			
Color	1m	2m	3m
RED(LUX)	863	313	158
X	6976	6975	6970
Y	3020	3018	3017
GRE(LUX)	1330	457	223
X	1886	1887	1894
Y	7387	7375	7362
Blu(LUX)	215	78	36
X	1399	1401	1403
Y	284	285	287
Amber(LUX)	1046	349	169
X	5870	5880	5883
Y	4124	4108	4098
TOTAL WHI(LUX)	3157	1088	541
X	3209	3183	3195
Y	2276	2218	2205

With this feature you can connect the fixtures to one another using the powercon input and output sockets. The quantity that can be connected is 6 fixtures maximum. After 6 fixtures you will need to use a new power outlet. They must be the same fixtures. DO NOT mix fixtures.

First unplug the power. The fuse holder is located next to the power inlets. Using a flat-head screw driver unscrew the fuse holder. Remove the bad fuse and replace with a new one.

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

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

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

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

Unit not responding to DMX:

1. Check that the DMX cables are connected properly and are wired correctly (pin 3 is "hot"; on some other DMX devices pin 2 may be 'hot'). Also, check that all cables are connected to the right connectors; it does matter which way the inputs and outputs are connected.

Unit does not respond to sound:

1. Quiet or high pitched sounds will not activate the unit.

2-YEAR LIMITED WARRANTY

A. Elation Professionals® hereby warrants, to the original purchaser, Elation Professionals® products to be free of manufacturing defects in material and workmanship for a period of two years (730 days) from the date of purchase. This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.

B. For warranty service, send the product only to the Elation Professionals® factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, Elation Professionals® 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, Elation Professionals® 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 Elation Professionals® concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the Elation Professionals® factory unless prior written authorization was issued to purchaser by Elation Professionals®; 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, Elation Professionals® will replace defective parts at its expense, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of Elation Professionals® under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of Elation Professionals®. All products covered by this warranty were manufactured after January 1, 1990, and bear identifying marks to that effect.

E. Elation Professionals® 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 Elation Professionals® 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 Elation Professionals® be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

G. This warranty is the only written warranty applicable to Elation Professionals® Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

Model: ELED QA Strip

SPECIFICATIONS:

Working Position:	Any safe working position
Voltage*:	100V ~ 240V/47~63Hz
LED's:	18 x 5 Watt Quad RGBA LED's
Power Consumption:	150W
Power Cord Daisy Chain:	6 Fixtures Max.
Fuse:	3.15 Amp
Beam Angle:	20+50 Degrees
Weight:	21 lbs./ 9.5 kgs.
Dimensions:	40.25" (L) x 8.5" (W) x 9" (H) 1019 x 210 x 226mm
Colors:	RGBA Color Mixing
DMX Channels:	9 DMX Channel Modes: 1 Channel Mode, 2 Channel Mode, 4 Channel Mode, 5 Channel Mode, 7 Channel Mode, 8 Channel Mode, 36 Channel Mode, 54 Channel Mode, & 72 Channel Mode
Warranty:	2 Year (730 days)

Auto Sensing Voltage: *This fixture contains a automatic voltage switch, which will auto sense the voltage when it is plugged into the power source.*

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