



ELATION | UNI BAR™ | user manual

# UNI BAR™

## user manual

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## DOCUMENT VERSION



Please check [www.elationlighting.com](http://www.elationlighting.com) for the latest revision/update of this manual.

Date	Document Version	Notes
9/2/16	1.1	Updated manual format.

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## **GENERAL INFORMATION**

### **INTRODUCTION**

This compact single channel DMX switch/dimmer pack has been designed to perform reliably for years when the guidelines in this booklet are followed. Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this device. These instructions contain important information regarding safety during use and maintenance.

### **UNPACKING**

Every device has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your device for damage and be sure all accessories necessary to operate the device have arrived intact. In the event damage has been found or parts are missing, please contact our customer support team for further instructions. Please do not return this device to your dealer without first contacting customer support at the number listed below. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

## **CUSTOMER SUPPORT**

Elation Professional® 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](http://www.elationlighting.com) for any comments or suggestions. For service related issue please contact Elation Professional®.

### **ELATION SERVICE USA - Monday - Friday 8:00am to 5:00pm PST**

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## **WARRANTY REGISTRATION**

Please complete and mail in the enclosed warranty card or register online: <http://www.elationlighting.com/Login.aspx> 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 and included in the shipping container. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. Items returned without a R.A. number clearly marked on the outside of the package will be refused and returned at customer's expense. You may obtain a R.A. number by contacting customer support.

## **IMPORTANT NOTICE!**

**There are no user serviceable parts inside this device. Do not attempt any repairs yourself; doing so will void your manufactures warranty. Damages resulting from modifications to this fixture and/or the disregard of safety and general user instructions found in this user manual void the manufactures warranty and are not subject to any warranty claims and/or repairs.**

## LIMITED WARRANTY

A. Elation Professional® hereby warrants, to the original purchaser, Elation Professional® products to be free of manufacturing defects in material and workmanship for a period of two years (730 days), and Elation Professional® product rechargeable batteries to be free of manufacturing defects in material and workmanship for a period of six months (180 days), from the original date of purchase. This warranty excludes discharge lamps and all product accessories. 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 Professional® 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 Professional® will pay return shipping charges only to a designated point within the United States. If any product 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, Elation Professional® shall have no liability what so ever for loss and/or 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 Elation Professional® concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the Elation Professional® factory unless prior written authorization was issued to purchaser by Elation Professional®; if the product is damaged because 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 any maintenance, cleaning or periodic check-up. During the periods as specified above, Elation Professional® 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 Professional® under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of Elation Professional®. All products covered by this warranty were manufactured after January 1, 1990, and bare identifying marks to that effect.

E. Elation Professional® reserves the right to make changes in design and/or performance 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 the products described above. Except to the extent prohibited by applicable law, all implied warranties made by Elation Professional® in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty periods set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said periods have 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 Professional® be liable for any loss and/or damage, direct and/or consequential, arising out of the use of, and/or the inability to use, this product.

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

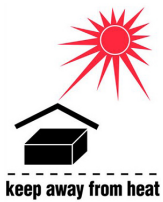
## SAFETY GUIDELINES



This device is an extremely sophisticated piece of electronic equipment. To guarantee a smooth operation, it is important to follow the guidelines in this manual. The manufacturer of this device will not accept responsibility for damages resulting from the misuse of this device due to the disregard of the information printed in this manual.



**I N D O O R S   U S E   O N L Y !**  
**DO NOT EXPOSE DEVICE TO RAIN AND MOISTURE!**

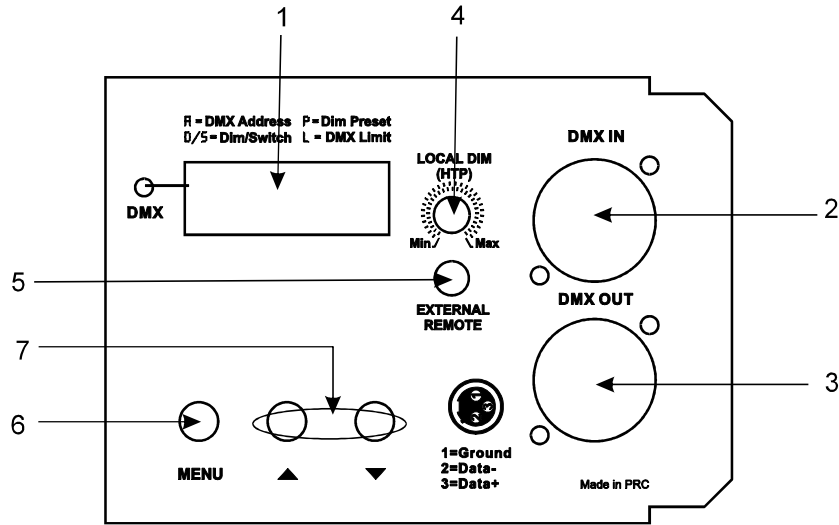


**DO NOT EXPOSE DEVICE TO HEAT OR FIRE!**

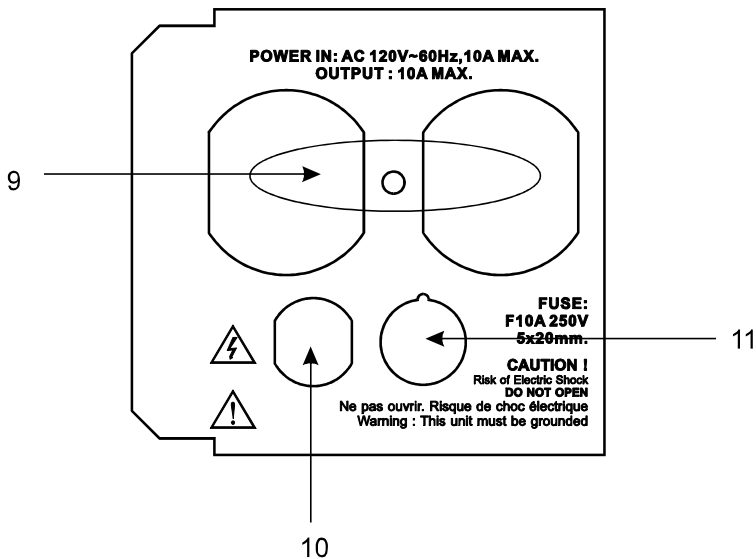


**DO NOT REMOVE EXTERNAL COVER/HOUSING!**  
**DO NOT PLUG DEVICE INTO A DIMMER PACK!**

# OVERVIEW




- 1. LED Display
- 2. DMX IN
- 3. DMX OUT
- 4. Local DIM (HTP) - To adjust channel lighting intensity and compile with HTP principle.
- 5. External Remote Jack - For connecting the remote. (no longer available)
- 6. MENU Button
- 7. UP/DOWN Buttons




- 9. Output: 10A Max
- 10. Power IN: AC 120V / 60Hz, 10A Max
- 11. Fuse: F10A 250V 5x20mm



## INSTALLATION



**FLAMMABLE MATERIAL WARNING**  
 Keep device at least 5.0 ft. (1.5m) away from any flammable materials, decorations, pyrotechnics, etc.



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

## INSTALLATION OPTIONS

Device can be installed using standard truss clamps or couplers (not included). The Eye Bolt can be repositioned along the top of the unit by loosening the bolt.



## SAFETY CABLE

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

# OPERATION

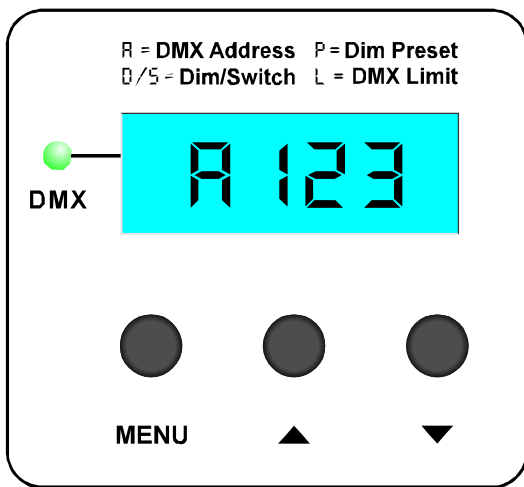
## GENERAL

Connect an appropriate 120V power source to the device. The power failure memory function allows the device to recover the last function state automatically when power is lost. If the power frequency is not stable, the LED display will show **AC-0**, please wait until the power becomes stable again. This unit serves as a simmer pack or a switch pack, depending on the operation mode selected.

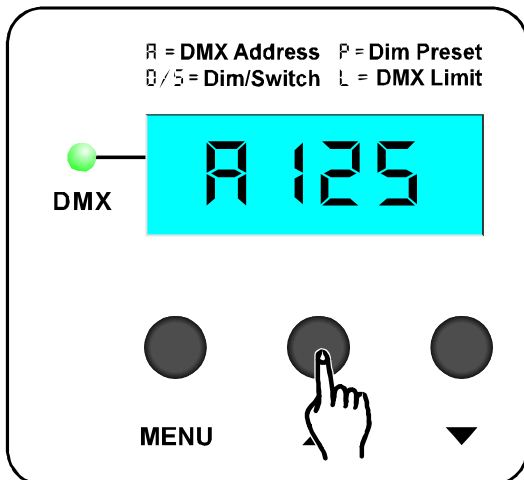
**NOTE: R = DMX Address | P = Dim Preset | 0/5 = Dim/Switch | L = DMX Limit**

## DMX ADDRESS MODE

The LED display shows the current DMX address when powering the device ON.

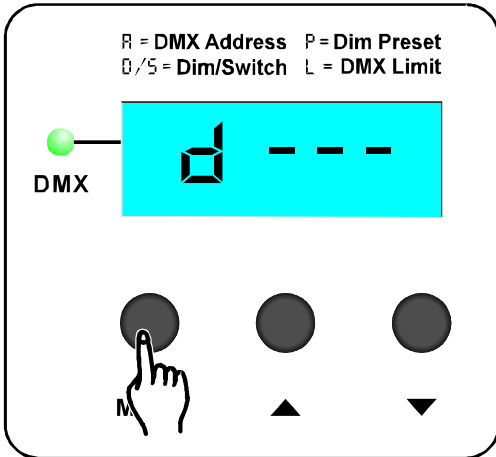


Each press of the **UP** or **DOWN** buttons will change the DMX address by a single digit. Pressing and holding the **UP** or **DOWN** buttons will change the DMX address quickly by multiple digits. Once a specific DMX address has been selected, it will be saved automatically. **NOTE: OUTPUT IS DISABLED DURING DMX ADDRESSING!**

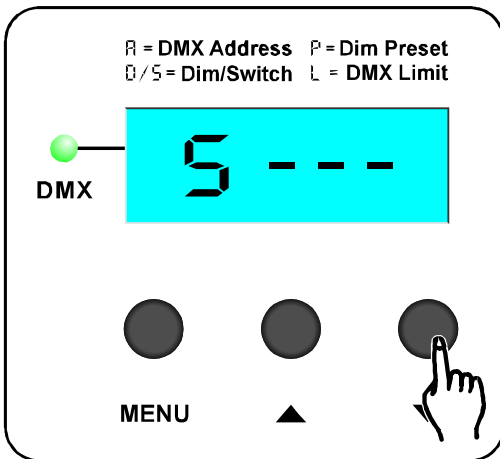


### DIM/SWITCH PACK MODE

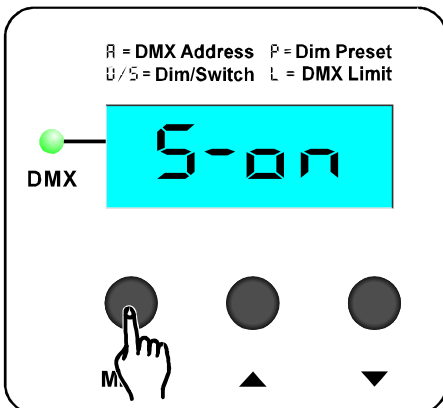
After the DMX address has been set, press the **MENU** button to select the desired mode. The LED display will show **d---** which means **Dim Pack Mode** is activated.



The Dim/Switch mode can be changed by pressing the **UP** or **DOWN** buttons. Doing so the LED display will show **S---** which means the **Switch Pack Mode** is activated.



Press the **MENU** button to confirm the **Switch Pack Mode**, and then select **Switch On** (**S-on**) or **Switch Off** (**S-of**). In **Switch On Mode**, the output is turned ON and fixtures light regardless of DMX signal.

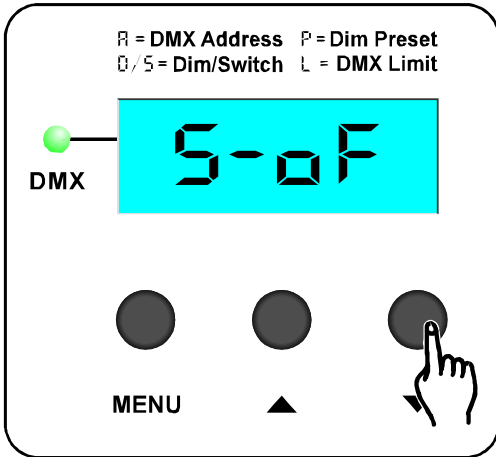


In the Switch Off Mode, output is turned off and the fixture is controlled by DMX signal. When DMX level is less than 40%, the fixture goes out; when DMX level exceeds 40%, the fixture lights. You can adjust the level by adjusting the Local Dim Knob.

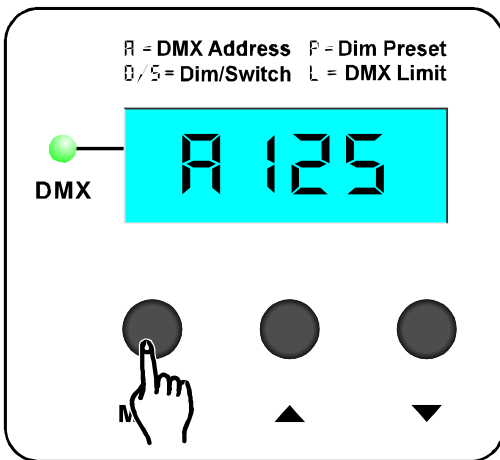


**DIM/SWITCH PACK MODE [continued]**

Press the **UP** or **DOWN** buttons to change between **Switch On** and **Switch Of**.

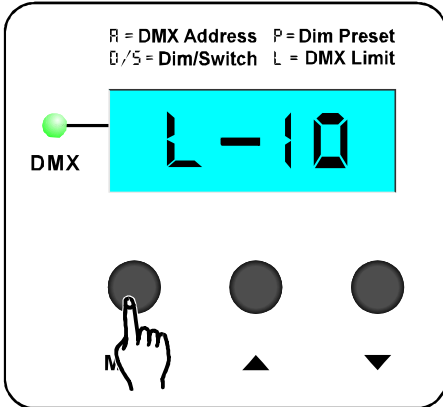


Once the **Dim/Switch Pack** settings are complete, press the **MENU** button to return to the **DMX Address Mode**.

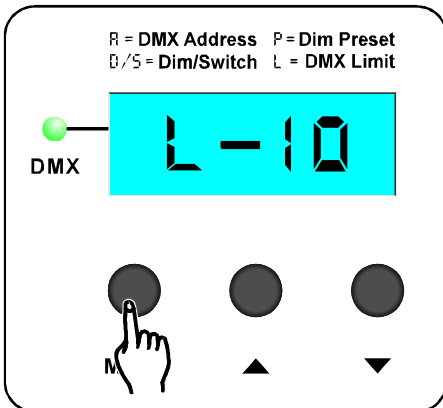


## DMX LIMIT MODE

Press the **MENU** button to enter the next mode, the LED display will show **L-10**, which means the **DMX Limit Mode** is activated. In the **Dim Limit Mode**, output is turned ON and the fixture lights regardless of DMX signal.

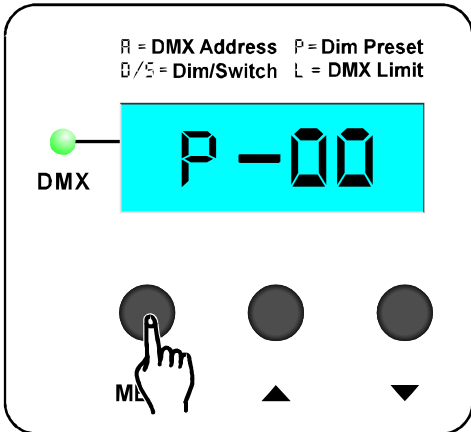


Press the **UP** or **DOWN** buttons to change the value within the range of **10% - 100%**. Each press of the **UP** or **DOWN** buttons will change the value by a single digit. Pressing and holding the **UP** or **DOWN** buttons will change the value quickly by multiple digits. Once a specific value has been selected, it will be saved automatically.

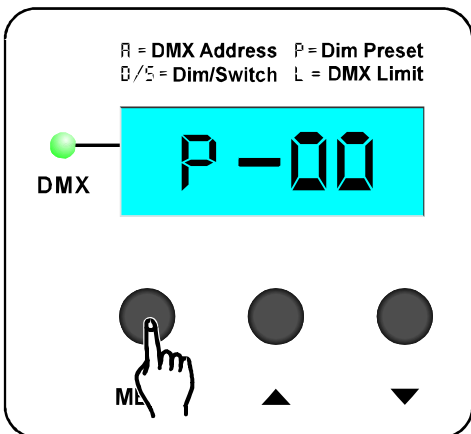


## DMX PRESET MODE

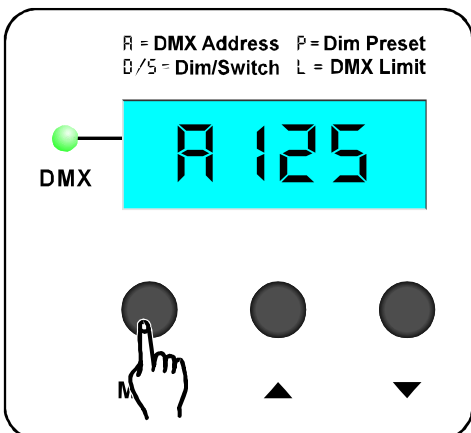
Press the **MENU** button to enter the **Dimmer Preset Mode**, the LED display will show **P-00**, which means the **DMX Preset Mode** is activated.



Press the **UP** or **DOWN** buttons to change the value within the range of **00% - 100%**. Each press of the **UP** or **DOWN** buttons will change the value by a single digit. Pressing and holding the **UP** or **DOWN** buttons will change the value quickly by multiple digits. Once the **Dimmer Preset** has been selected, it will be saved automatically.



Once the **Dimmer Preset** settings are complete, press the **MENU** button to return to the **DMX Address Mode**.



## TECHNICAL SPECIFICATIONS

### FEATURES

3pin Standard DMX In/Out  
Switch Pack or Dimmer Pack Modes  
User Defined DMX Addressing, Dimmer Preset, and Dimmer Limit  
Power Failure Memory  
4-Digit Segment Display

### CONTROL / CONNECTIONS

3 Button and Rotary Dial Control Panel  
3pin DMX In/Out  
(2) Edison 3-prong Outputs (10A Max Total Output)

### SIZE / WEIGHT

Length: 7.83" (200mm)  
Width: 3.23" (82mm)  
Vertical Height: 2.63" (66.8mm)  
Weight: 2.4 lbs. (1.1 kg)

### ELECTRICAL

AC 120V - 60Hz / 10A Max Total Output

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

## OPTIONAL ACCESSORIES

ORDER CODE	ITEM
AC3PDMX5PRO	5 ft. (1.5m) 3pin PRO DMX Cable
EYE CLAMP	PRO Clamp with Eye Bolt
EYE CLAMP BLK	PRO Clamp with Eye Bolt - Black
	Additional Cable Lengths Available

