



Uni pak II



User Manual

Elation Professional ©
4295 Charter Street Los Angeles, CA 90058 USA
Tel: 323-582-3322 Fax: 323-582-3311
Web: www.elationlighting.com
E-mail: info@elationlighting.com

Elation Professional ©
4295 Charter Street
Los Angeles CA. 90058
www.elationlighting.com

Technical Specifications

Power Input	AC 120V~60Hz, 10 A max.
Channel Output	10 A max.
DMX OUTPUT.....	3-pin XLR female socket
DMX INPUT.....	3-pin XLR male socket
Fuse Type.....	F10A 250V 5x20mm
Dimensions	7.17L x 3.62W x 2.56H (182x92x65mm)
Weight	2.5lbs. (1.1 Kg)

Trouble Shooting

Troubleshooting

No Power to the pack:

Disconnect the main power line cord. Reconnect the line cord to ensure proper connection. If the problem still persists, check the building service panel and make sure the circuit breakers are on.

No Channel output:

Disconnect the main power line cord. Check the corresponding channel fuse (see replacing fuses section). Replace if blown. Reconnect line cord. If controlling via DMX, ensure that you are receiving DMX signal at the pack. Indicator in the display should be flashing when signal is present. If signal is not present, check the XLR connections from console or previous fixture in line. If problem still persists, replace XLR cable between previous device and pack and try again.

Undesired 100% channel output:

Check the “Dim/Switch” settings. See “Assigning as Switch or Dimmer Pack” sections and set accordingly. If problem still persists, ensure that you are not receiving channel output from your console by disconnecting the XLR input cable.

If you’ve tried the above and the unit continues to malfunction, please contact ELATION® customer service at (323) 582-3322, your unit will require service. Once you describe your problem to the customer service representative, you will be issued a return authorization number that must accompany the package when sent in. Please write this RA# on the outside of the box with a black marker and also write it on any packing list that may be included with the package.

Replacing Fuse(s)

Fuse Replacement: Disconnect the main power line cord. Use a flat head screwdriver to remove the fuse holder cap. Pull out the old fuse and replace it with a new one of the exact same type. Replace the fuse cap with the flat head screw driver. Do not over tighten as this may result in a broken and unusable fuse holder.

Table of Contents

Features	1
General Instruction	2
Warnings.....	2
Cautions.....	2
Front Panel Overview	3
Front Panel.....	3
Rear Panel Overview	4
Rear Panel.....	4
Operation Guide	5
General Information.....	5
DMX Addressing.....	5
Assigning as Switch Pack.....	6-7
Assigning as Dimmer Pack.....	7,8 & 9
Installation, Mounting & Connections	10
Installation & Mounting.....	10
Connections.....	10
Troubleshooting.....	11
Replacing Fuse(s).....	11
Technical Specifications	12

Features

Thank you for purchasing the Uni pak-II hybrid dimmer/switch pack. This product includes the following features:

- 1 channel hybrid pack with dual Edison output sockets.
- Pack is user assignable between Dimmer & Switch modes.
- On board control fader allows for dim intensity adjustment, from 0-100%.
- External control fader allows for dim intensity adjustment, from 0-100%.
- 4 digit segment display shows current activity and function state.
- 3-pin standard DMX IN/OUT ports.
- 10 Amp Maximum output.

Every effort has been made to design dependable and reliable products. New products are constantly being designed to meet the needs of the entertainment lighting industry. Your comments regarding our products and services are welcome. Please send us an e-mail to info@elationlighting.com and let us know how we can improve to better serve you.

It's both a privilege and a pleasure serving you.

Installation, Mounting and Connections

Installation / Mounting

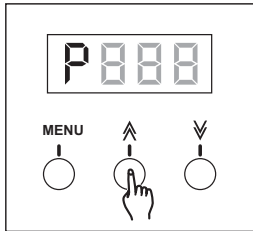
The Uni pak-II was designed to be mounted on a truss rig or ceiling. It is recommended that you use a suitable mounting clamp and safety cable when mounting to any structure. There are two holes on the Uni pak-II. These are in place for a mounting clamp or to fasten to a wall or ceiling. For cooling purposes, it is necessary to mount the pack so that air is free to circulate around the dimmer. There should be at least 12 inches of clearance between the pack and anything surrounding it.

Connections

The Uni pak-II is supplied with a single 10 Amp Edison plug attached to a 16 gauge line cord. This cord should be connected to a service capable of supplying at least 10 amps and be protected by a properly sized circuit breaker. Lamp loads should be plugged into the dual 10 Amp Edison sockets which are supplied on the face of the pack. 3 pin XLR's are supplied for the input and output of the data link. Connect out of the console or previous fixture in line and into the input of the Uni pak-II. Connect out of the Uni pak-II and into the input of next pack or fixture in line. It is recommended that the last pack or fixture in line include a DMX terminator into the output. A DMX terminator consists of a 120 ohm, 1/4 watt resistor soldered across pins 2 & 3 of a 3 pin XLR connector.

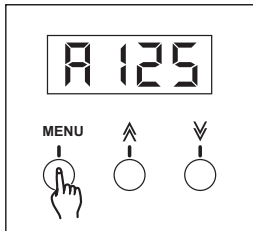
Operation Guide

Assigning as Dimmer Pack



4. Tap the Up or Down arrow buttons to enter a dim preset value within the range of 00-100. Each tap will increase or decrease the value once. Pressing and holding the UP or DOWN arrow buttons will change the value quickly.

Once the Dim Preset level is achieved, it will be automatically be stored.



5. Press the "Menu" button once to confirm your settings and return to DMX Address mode.

General Instructions

This is a one channel portable dimmer/switch pack that can be set to either dim or switch. For your convenience, the Uni Pak-II can manually be controlled via, the on board or external HTP faders or via a DMX console. A digital display and function buttons allow for easy and quick set up of dim preset levels as well as DMX addressing. One three pin XLR input and one three pin XLR output are supplied to receive and send data. Its sleek design allows for discreet installation to a truss structure or ceiling. A clamp may be placed into the supplied holes for easy rigging.

To optimize performance of this product, please read the instructions carefully to familiarize yourself with the basic operations.

Warnings

- This unit must be earthed.
- Keep the unit dry, do not expose it to water or high levels of humidity.
- Do not allow for any flammable liquids to come in close contact with the unit.
- Handle this unit carefully, any strong shock or vibration may result in malfunction.
- Do not dismantle or modify this unit. There are no user serviceable parts inside.
- Do not operate this unit if the internal components are exposed.
- Only use an AC source that complies with the local building and electrical codes.
- When replacing fuses, always replace with the exact same type.

Cautions

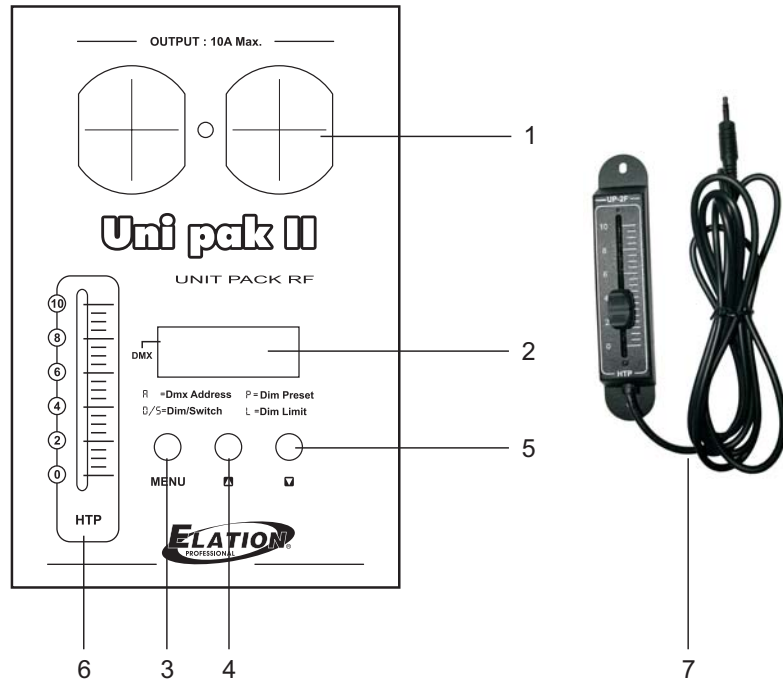
- When unpacking, please check the unit for damages. Should you find something wrong with the unit, please contact the dealer that you purchased it from immediately.
- All rights reserved. No part of this manual may be reproduced, in any form or by any means, without permission in writing from Elation Professional.

Notice:

Specifications and improvements in the design of this product and this manual are subject to change without prior notice.

Front Panel Overview

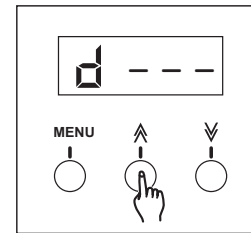
Front Panel



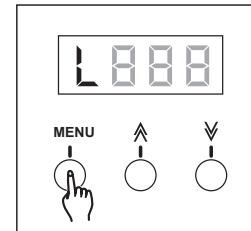
1. Output Plugs: This is a dual Edison, 10 Amp maximum load, output.
2. Segment Display: This digital display shows current activity or function state.
3. Menu button: This button is used to select between four menu options. (DMX address, Dim/Switch Mode, Dim Preset & Limit)
4. Up Arrow button: This button will increase values in the display.
5. Down Arrow button: This button will decrease values in the display.
6. HTP fader: This fader adjusts the channel intensity and complies with the HTP principle (Highest takes precedence).
7. External Slider: This slider has the same function as that of HTP Slider(6).

Operation Guide

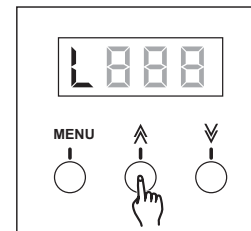
Assigning as Dimmer Pack



2. If your display shows "S", press the UP arrow button once so it changes to "d". If the display already show "d", proceed to the next step.

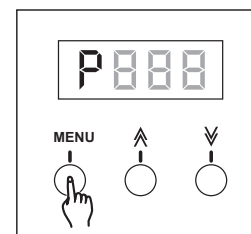


3. Press the "Menu" button once to enter Dimmer Limit mode.



4. Tap the Up or Down button to increase or decrease the value within the range of 10-100. Each tap will increase or decrease the value once. Pressing and holding the UP or Down arrow button will increase or decrease the value quickly.

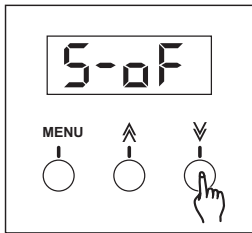
Once the Dim Limit is achieved, it will automatically be stored.



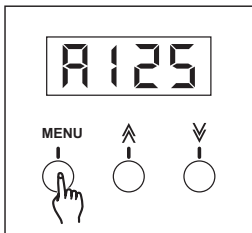
5. Press the "Menu" button to enter Dimmer Preset mode.

Operation Guide

Assigning as Switch Pack

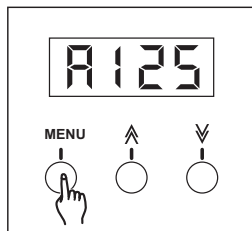


4. When in Switch Pack mode, there are two options to choose from- **Switch On (S-on)**, automatically switches the power ON regardless of DMX signal or **Switch Off (S-of)**, activates switch mode via DMX and the power will switch ON/OFF when the channel value exceeds 40%. When channel value it less than 40%, channel output will be zero or OFF. Press the UP/DOWN arrow buttons to select ON and OFF.



5. Once set, press the "Menu" button to confirm the setting and return to DMX Address mode.

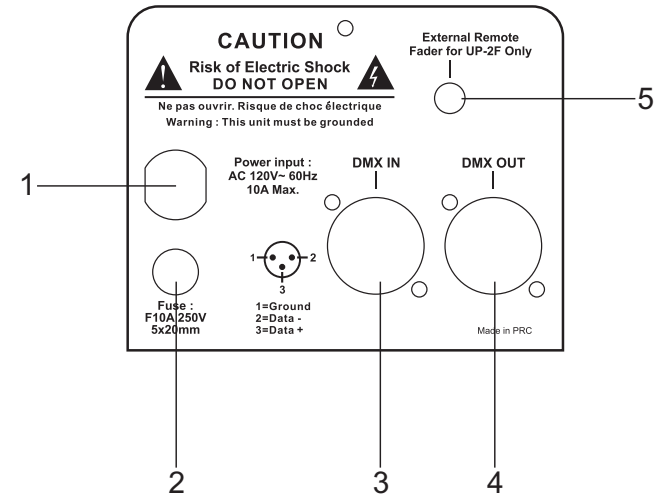
Assigning as Dimmer Pack



1. Press the "Menu" button until the letter "d" or "S" appear in the left hand side of the display.

Rear Panel Overview

Rear Panel



- | | |
|-----------------------|---|
| 1. Power Cord: | 16AWGX3C power cable. Plug into a 120V. supply. |
| 2. Fuse Housing: | Houses a 10A 250V 5x20mm fuse. Always replace with same type fuse. |
| 3. DMX Input: | 3-pin XLR male socket, used to receive DMX data. |
| 4. DMX Output: | 3-pin XLR female socket, used to send DMX data. |
| 5. Mini input socket: | This is to connect the supplied external fader for external control if desired. |

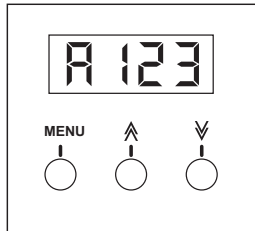
Operation Guide

General Information

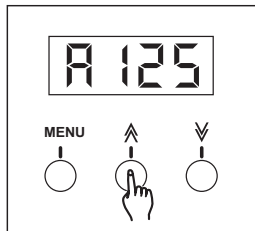
Plug the pack into an appropriate 120V power outlet. Once powered, the Uni Pak-II will default to its previous function state due to internal memory. In addition, the digital display will show the last set DMX address setting.

If the power frequency is not stable, the display will show "AC-0". You will have to connect to a stable power source or wait until the power becomes stable at the current outlet.

DMX Addressing



1. Press the "MENU" button until the letter "A" appears in the left hand side of the display. The display will show the "A" followed by the current address setting. For example, if the last set DMX channel was 123, your display should look like our picture to the left.

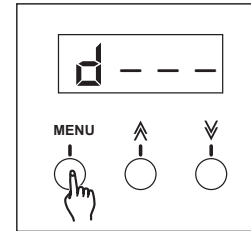


2. Each tap of the Up or Down arrow buttons will change the DMX address value once. Pressing and holding down either the UP or Down arrow buttons will increase or decrease the DMX address setting quickly. Once the DMX address channel is achieved, release the UP or Down arrow button. The new address setting will automatically be stored into memory..

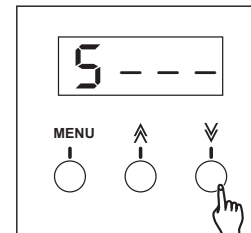
NOTE:
When setting your DMX address, channel output is disabled.

Operation Guide

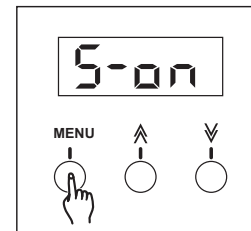
Assigning as Switch Pack



1. Press the "Menu" button until the letter "d" or "S" appear in the left hand side of the display.



2. If your display shows "d", press the down arrow button once so it changes to "S". If the display already show "S", proceed to the next step.



3. Press the "Menu" button to enter Switch Pack mode.