

Thank you for purchasing the DP-415. For your convenience, the DP-415 has been thoroughly tested and is ready for use. There is no assembly required. Please read the information below before attempting to operate your DP-415.

Product Description:

The DP-415 is a 4 channel hybrid dimmer/switch pack. Each channel is equipped with dual UL Edison sockets. The unit is ready to receive standard DMX512 signal through its 3 pin XLR input connector. A 3 pin XLR output connector is supplied so that you may link additional packs or fixtures into your DMX data stream. The 10 position dip switches allow for you to set the DMX address as well as the operation mode. A DMX indicator LED will illuminate when the pack is receiving a DMX signal. A power indicator LED illuminates when the pack is receiving power and four channel-output LED's illuminate when the corresponding channel or channels are active.

Warning:

- This unit must be grounded.
- Keep the unit dry, do not expose it to water or high levels of humidity.
- Do not store any flammable liquids on or near the unit.
- There are no user serviceable parts inside- do not open the unit.
- Any repairs must be performed by a qualified technician.
- This unit was designed for indoor use only.

Control and Functions:

1. Channel Output:

Total 15A max., 5A per channel (600 Watts).

2. Channel output LEDs (1~4):

Indicates corresponding channel output.

3. Power indicator:

When the unit is powered on, this LED will illuminate.

4. Dip-switches:

Used to set DMX address channel and select between "Switch" and "Dimmer" modes (see page-2 for more info.).

5. DMX indicator:

This LED flashes when a DMX signal is present.

6. Power input:

AC 120V~60Hz, 15A max.

7. Power Switch:

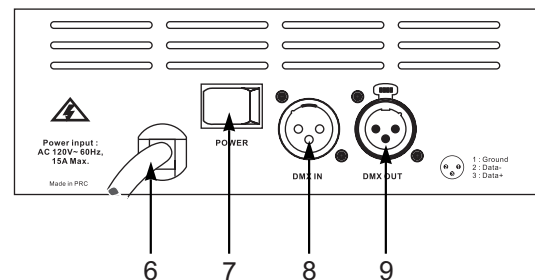
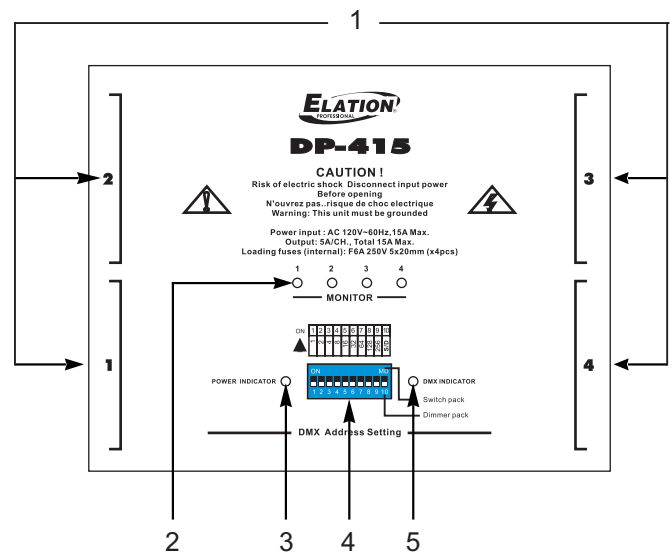
Used to switch the main power on or off.

8. DMX Input:

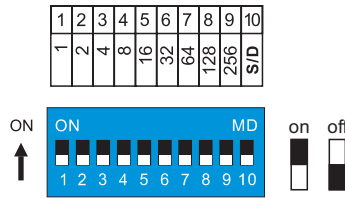
Receives standard DMX512 signal.

9. DMX Output:

Sends out standard DMX512 signal.

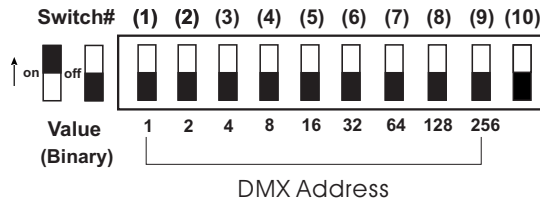


Dip Switches:



1. Set DMX Address:

Dip switches 1-9 are used to assign a starting DMX address channel.



- As the above illustration shows, dip-switches 1-9 are used to set the relevant DMX address channel. Dip switches 1~9, (when set to the "ON" position), each represent a binary value- 1, 2, 4, 8, 16, ... , 256. Simply add each binary value for dip switches in the "ON" position, to achieve your desired DMX address. The total amount added should equal that of your required starting address.

For example:

Switches "ON" =	DMX Address	Switches "ON" =	DMX Address
	1		15
	2		106
	3		259
	10	<p>.....</p>	<p>.....</p>

- The DMX indicator will flash when there is an effective signal present.

2. Setting "Switch" / "Dimmer" mode:

Switch Mode:

Set dip switch # 10 to the "ON" position to activate "Switch" mode. When in switch mode, adjusting the relevant channel will switch the relevant channel ON or OFF at dim level 128. This means that when the dimmer level is set to a value of less than 128, the output will be zero or OFF. When the dimmer level is set to 128 or higher, the relevant channel will be at maximum output or fully ON.

Dimmer Mode (Default):

Set dip switch #10 to the "OFF" position to activate "Dimmer" mode. When in dimmer mode, adjusting the relevant channel dimmer will gradually change the intensity of the channel from 0 to 255 or OFF to fully ON.

Technical Specifications:

Power Input	AC 120V~60Hz, 15A max.
Channel Output	Total 15A max., 5A per channel
Fuse(Internal)	F6A 250V 5x20mm(x4PCS)
DMX Input	3-pin male XLR connector
DMX Output	3-pin female XLR connector
Dimensions	7.09" (L) x 6.97" (W) x 2.52" (H)
Weight	2.64 lbs.

Notice Information

- There are no user serviceable parts inside, unless you are a certified technician and have written permission by Elation Professional, do not attempt to make any repairs to this unit. In the unlikely event that your unit should fail, please contact Elation customer service at (800) 322-6337 for instructions on what to do.
- Specifications and improvements in the design of this product and this manual are subject to change without notice.