DP4

4-Channel DMX Dimmer Pack

Item ref: 154.110UK

User Manual

⚠	Caution: Please read this manual carefully before operating Damage caused by misuse is not covered by the warranty

Introduction

The DP4 4-channel DMX dimmer pack has 4 channels each with 2 IEC power outputs per channel.
It has 16 built-in chase programs or can be controlled by 4 channels DMX.
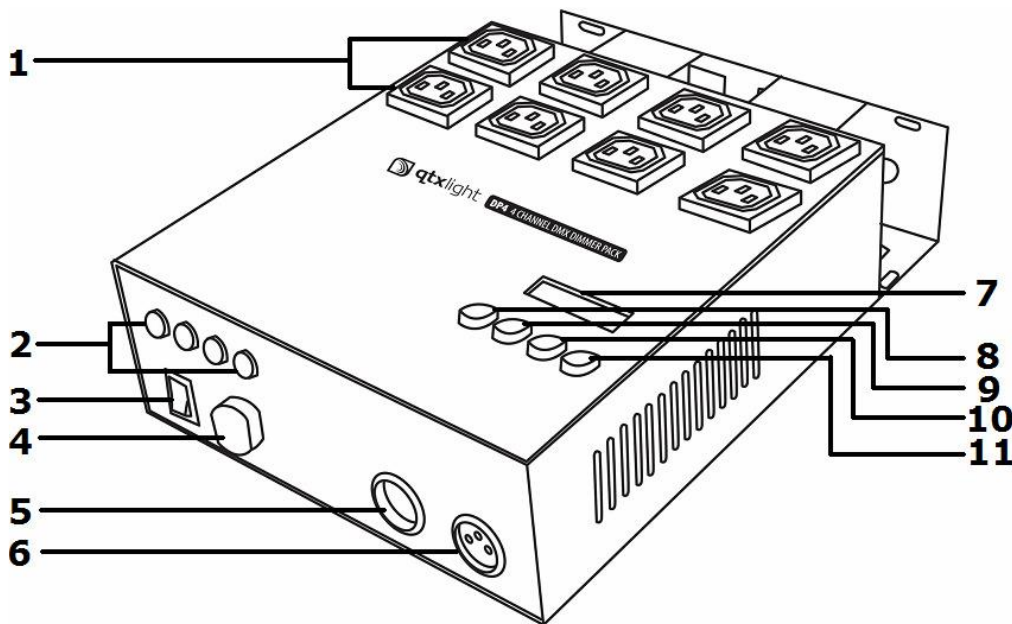
Warning before use

- This item is for professional use only. Please take note of the following instructions before using this device.
- This product is not suitable for LED products
- This unit must be earthed.
- Do not turn on the power until all connections are securely made.
- Always disconnect from the mains before replacing any fuse
- There are no user serviceable parts inside

Fuses

The DP4 can carry maximum overall load of 10 amps. Each channel can also carry a maximum overall load of 10 amps but the unit is factory fitted with 2.5amps. These can be changed but the maximum overall load for each channel should not exceed 10 amps and you must be professionally qualified in order to change the fuses to suit.

Layout

1. IEC power outlets (2 per channel)
2. Channel fuses
3. Power on/off switch
4. Power inlet
5. DMX input XLRM
6. DMX output XLRF
7. LED display
8. MODE button (Chase or DMX)
9. MENU button (select various Chase or DMX options)
10. UP button (step up through options)
11. DOWN button (step down through options)

Operation

The unit has two working modes. It can be used as a four-channel chaser or as a 1, 2, or 4 channel DMX dimmer pack. Please follow up the instructions below to operate the unit for your desired performance.

Chase Mode

Choose this working mode only when you want the device to act as a 4-channel chaser. This device has 16 built-in programs. You can select to run any of these programs specifically, or set the unit to chase in a random sequence among all 16 built-in programs for a more dramatic show effect. The chase speed can also be adjusted.

1. Connect your light fixtures to any of the eight power sockets available on the pack.
2. Use the mode button to select a chase mode: Chase mode is indicated in LCD display as "PA" followed by numbers 01-16. "PA" stands for Program Applied. If an "A" appears in the LCD display, you are in DMX mode.
3. Once you have selected CHASE MODE function, use the MENU button to select your desired program. The chase pattern is represented on the LCD display by "P" followed by two numbers. You may select any of the 16 built-in programs to run at a single time by pressing the UP and DOWN buttons.
4. To change your desired chase speed press the MENU button until the "SP" followed by two numbers is displayed on the LCD display. Use the UP and DOWN buttons to adjust the chase speed. A value of 99 will give you the fastest chase speed (about one step per 0.1 second). A value of 01 will give you the slowest chase speed (one step per 30 second).
5. You may change the light intensity by pressing the MENU button to select "d" on the LCD. Use the UP and DOWN buttons to change the light output intensity. 00 will give the lowest output and 99 will give you full intensity.

DMX Mode

Use this operating mode only if you plan to use the device as a DMX dimmer. This function will allow you to turn on or off and control the intensity of non-DMX with the use of a DMX controller. You may also set your dimmer pack to function as a 1, 2, or 4 channel DMX dimmer pack so you can combine the output functions.
1. Connect a DMX controller to your DP4 dimmer pack via the 3-pin XLR connector.
2. Connect your lighting fixture to any of the eight power sockets on the front of the pack.
3. Decide if you are going to use your dimmer pack as 1, 2, or 4 channels. This function allows you to:
   a. Control the output to all four outlets with one DMX channel.
   b. Group outlet channels one and two and group outlets channels three and four. The first group will be controlled by one DMX channel and the second group will be controlled by another DMX channel. This gives the pack a DMX value of two.
   c. The default setting is a four channel DMX dimmer, each channel is controlled by onechannel

DMX channel

4. To change the channel function mode be sure you are in DMX mode. Use the MENU button to select "CH" followed by two digits. Then use the UP and DOWN buttons to change the setting from 01, 02, or 04. Your dimmer pack is initially set as a four channel DMX switcher.
5. The dimmer pack is initially set to be activated by DMX address one. To change this setting be sure you are in DMX mode. Use the MENU button to select the address settings, this will be indicated by an "A" in the first character of the LCD followed by three numbers. Use the UP and DOWN buttons to select your desired DMX address.
6. Once you have set the pack's DMX address be sure your controller's address matches that of the pack
7. Your pack will now operate as DMX dimmer, you may control the light output intensity through your DMX controller. 0 will give no output and 100 will give you full output.

Specifications

Power supply	230Vac, 50Hz
Power outlets	4 x 2 x IEC
DMX Channels	1,2 or 4
Internal programs	16 preset
Dimensions	193 x 72 x 260mm
Weight	2.5kg

This product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines