

User Manual

LDX-4805

48 Channel LED Dimmer Pack



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0 Before Installation

0-1 Instructions

In order to maintain the operation of LDX-4805, please follow the instructions as below:

1. Make sure the voltage of the LED lamps and connect proper DC power supplier. For example, if you want to connect a DC 12V LED lamp to a dimming module, please use 12V PSU to supply power the module.
2. The maximum output of each channel is 3A.
3. The LED outputs of LDX-4805 is DC constant voltage.
3. LDX-4805 must keep decent ventilation. Overheating will lead to LDX-4805 to stop output to protect itself.

0- 2 Operating Environment

Room temperature: < 35°C

Humidity: 40% ~ 80%

1 Introductions

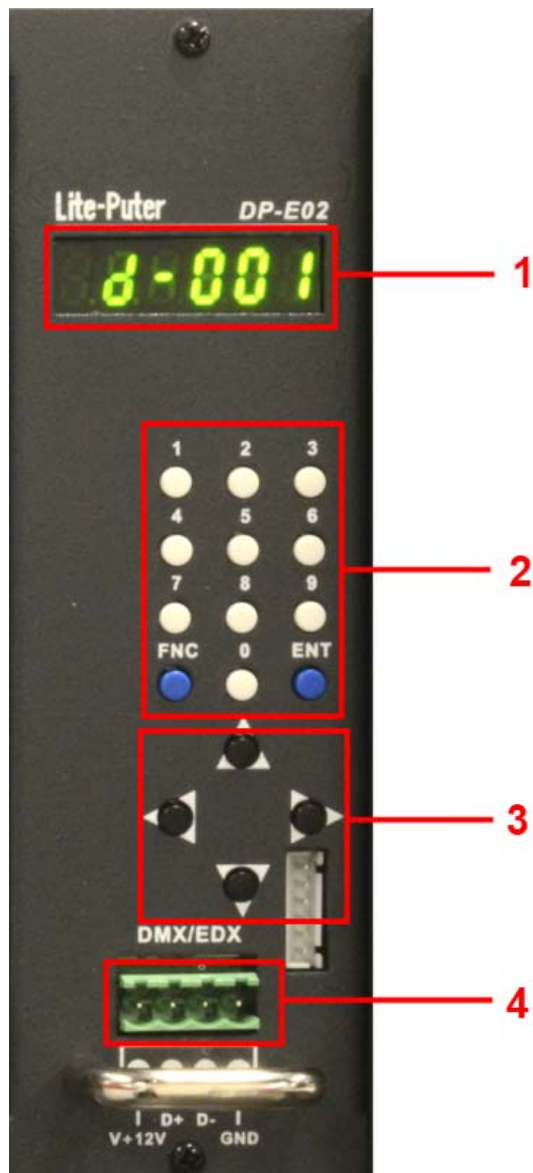
1-1 Features

1. Instant replaceable dimming modules.
2. C 2.0 linear dimming curve
3. Fine Dimming Effect
4. Thermal-controlled fan

1-2 Specifications

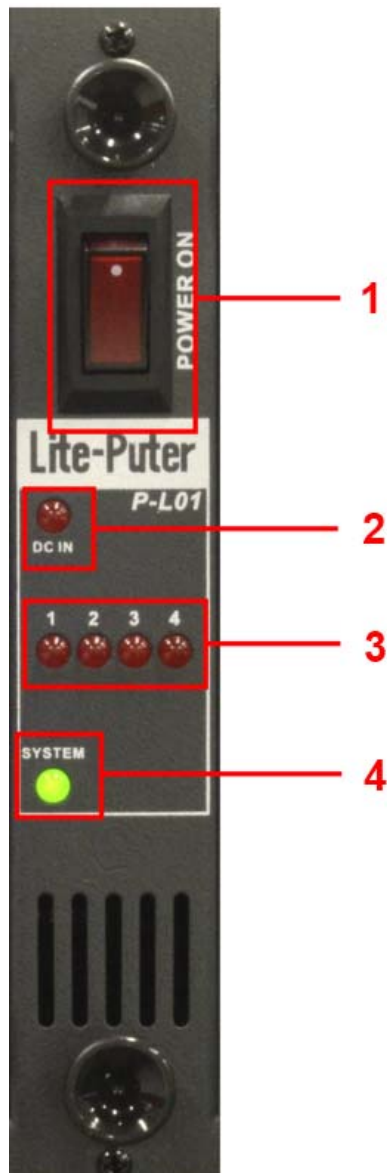
1. Input: DC 12-24V (Each module has an independent DC input)
2. Output: 3A Max per channel (constant voltage)
3. Protocol: DMX-512

1-3 DP-E02 Interface



1	LED Display
2	【0】 - 【9】 , 【FNC】 , 【ENT】
3	【▲】 , 【▼】 , 【▶】 , 【◀】
4	EDX /DMX-512 Input

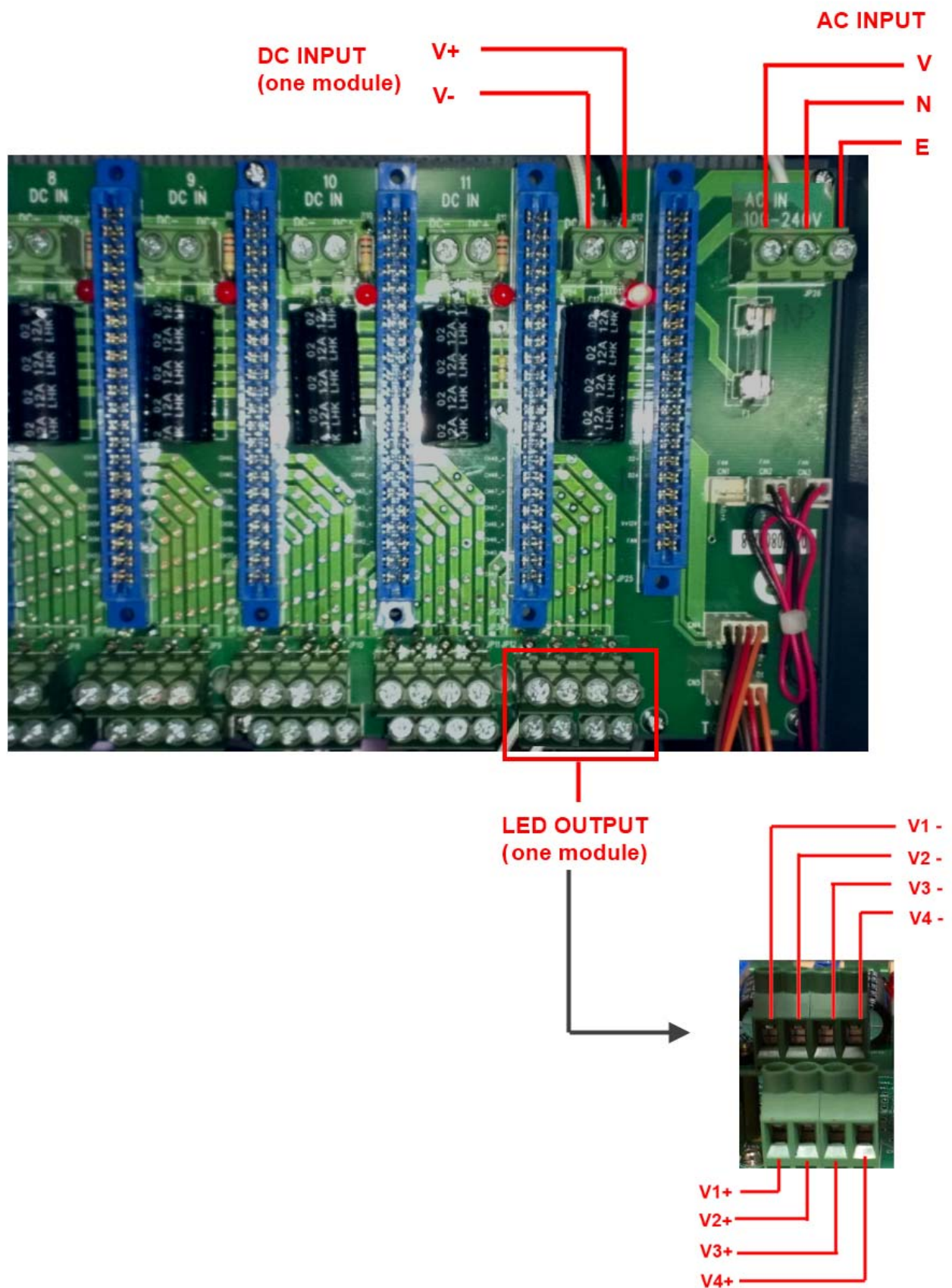
1-4 Dimming Module (P-L01) Introductions



1	ON/OFF
2	DC Input Indicator
3	Dimming Level Indicator
4	System Indicator

1-4 Input/ Output Terminals

Remove the dimming module (P-L01):



2 Operations

2-1 DMX-512 Signal

If DMX-512 signal is connected to LDX-4805, a dot will be blinking on LED main display:



Without DMX-512 signal, the dot will disappear.

2-1 DMX-512 Starting Address Setting

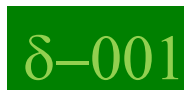
2-1-1 Continuous DMX-512 Address

STEP-1: Press **【FNC】** once, LED display shows

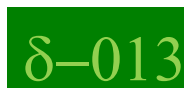


The last digit is blinking.

STEP-2: Press **【ENT】** , LED shows



STEP-3: Press **【▲】** , **【▼】** to set DMX-512 starting address as 13 or any value from 1 to 512.



STEP-4: Press **【ENT】** to save the setting. The 48 channels on LDX-4805 will be controlled by DMX-512 signal from channel 13 to 60.

2-1-2 DMX-512 Address Patch

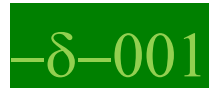
Each channel on LDX-4805 can be patched to any DMX-512 channel:

STEP-1: Press **【FNC】** once, LED display shows

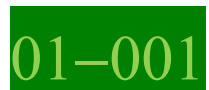


The last digit is blinking.

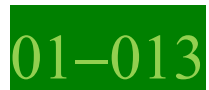
STEP-2: Press **【ENT】** , LED shows



STEP-3: Press **【▶】** once to check the DMX-512 address of channel 1 on LDX-4805.



STEP-4: Press **【▲】** , **【▼】** to set the DMX-512 address of channel 1 to 13.



STEP-5: Repeat step-3 and step-4 to set DMX-512 address of 48 channels.

STEP-6: Press **【ENT】** to save the setting. The 48 channels on LDX-4805 will be controlled by DMX-512 signal from channel 13 to 60.

If DMX-512 address is set as continuous address, LED main display shows:

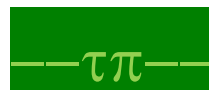


If DMX-512 address is not set as continuous address, LED main display shows:

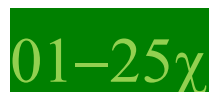


2-2 Check Temperature

STEP-1: Press **【FNC】** twice, LED display shows



STEP-2: Press **【ENT】** , LED shows



It means that the temperature of 1st module is 25°C

STEP-3: Press **【▲】** , **【▼】** to check the temperature of other modules.

STEP-4: Press **【ENT】** to exit.

Limited Warranty

1. Lite-Puter is only responsible for the product itself.
2. Lite-Puter warrants to repair any manufacturing defects within one year of distribution date.
3. Lite-Puter does not offer on-site service. Should a defect appear in Lite-Puter's product, please deliver the product to local distributors or Taiwan Headquarters.
4. This Limited Warranty does not cover:
 - a. Any fault caused by false usage or imprudence (collision, inadequate installation or adjustment, insufficient ventilation, or improper repairs)
 - b. Force majeure factors (flooding, earthquake, volcanic eruption, or other factors beyond Lite-Puter's control).
 - c. Labor costs incurred in diagnosis of defects; installation, reinstallation, wiring, rewiring, repairing, adjustment, or reprogramming of a product; or any other consequential expenses.
 - d. Other Lite-Puter or non-Lite-Puter products or devices offered, packaged, or sold with the product.
5. Lite-Puter does not warrant that the product will operate without interruption or free of error.

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