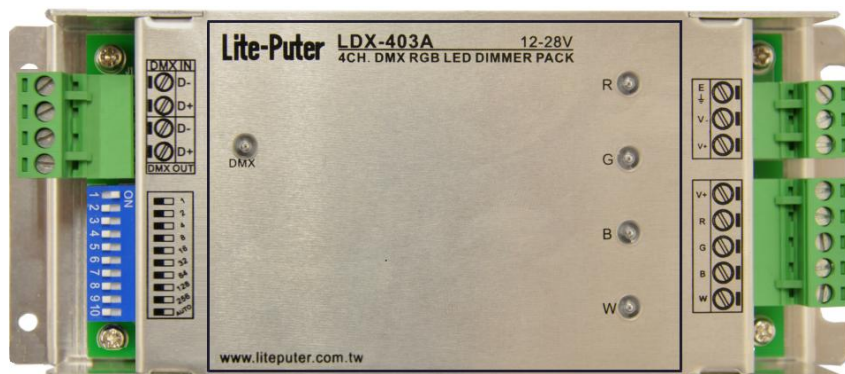


# LDX-403A

## 4 Channel LED Dimmer Pack

### 【User Manual】



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# 1 Introduction

## 1-1 Features

1. 0 – 100% dimmable
2. PWM control
3. DMX-512
4. DMX-512 auto addressing
5. Overload/overheat protection

## 1-2 Specifications

Power Input: DC 12 – 28V

Output: 3A per channel, total 12A

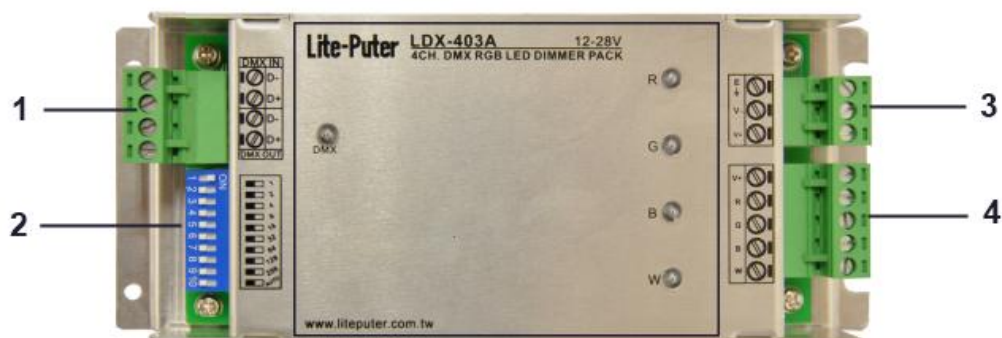
Protocol: DMX-512

Connector: 3-pin/4-pin/5-pin pluggable terminals

Dimension: 176 (W) \* 70 (H) \* 40 (D) mm

Weight: 200g

## 1-3 Front panel

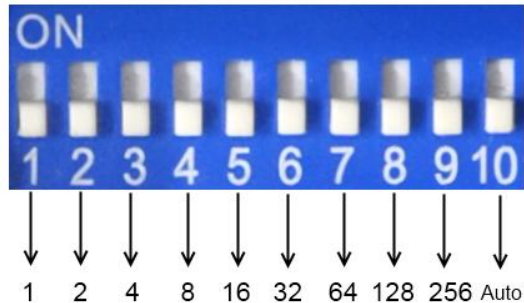


1. DMX Input/Output
2. DIP Switch (DMX-512 Addressing)
3. DC Input
4. DC/LED Output (V+, R-, G-, B-, W-)( common anode LEDs )

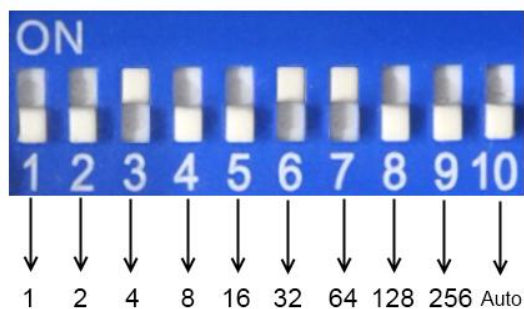
## 2 Setting

### 2-1 DMX Manual Setting

DIP switch use 8421 code, the value each number stands for as below,

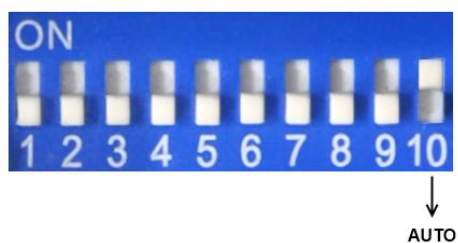


Example: To set DMX address to 100, switch DIP 3,6,7 on, which stand for 4, 32, 64 respectively. Then DMX address will be 100 (4+32+64) as below.



### 2-2 DMX Auto Addressing

To set DMX auto addressing, simply turn DIP 10 on.



The default DMX start address is 1 in auto addressing mode.

If two LDX-403A which were set as auto addressing connected together, DMX address of first device will be 1 -4; DMX address of second device will be 5 - 8.

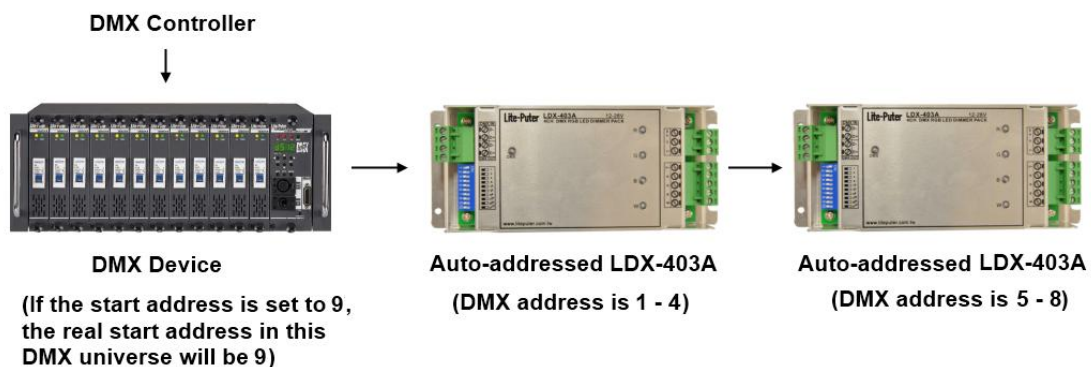
If other DMX devices are connected to auto-addressed LDX-403A, we recommend that connecting other DMX devices which are not auto-addressed **“before”** LDX-403A. **(Figure 1)**

If other DMX devices are required to connect “after” auto-addressed LDX-403A, then

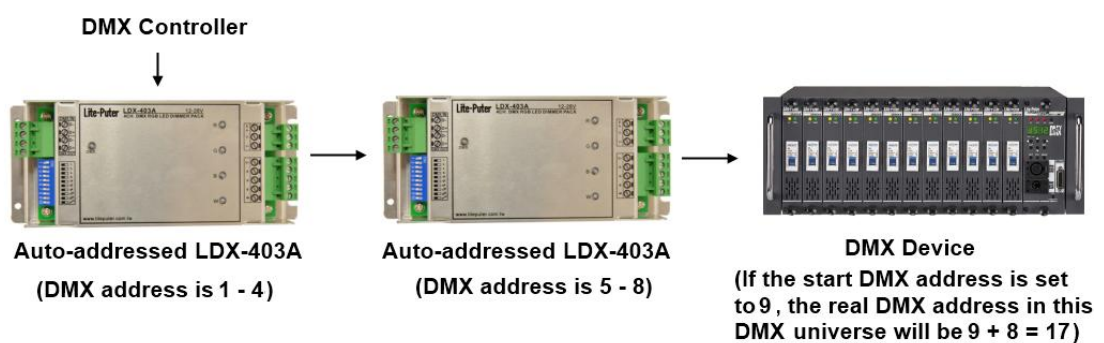
***DMX address of other devices in the DMX universe =  
The last DMX address of LDX-403A + Manual DMX address of other devices***

For example, if one 6 channel DMX device is connected “after” two auto-addressed LDX-403A, the DMX addresses of these two LDX-403A will be 1 – 4 and 5 – 8, respectively. If the manual DMX address of this 6 channel DMX device is manually set to 9, the real DMX address of this device in this DMX universe will be 17 ( 8 + 9 ). **(Figure 2)**

**Figure 1: Connecting other manually DMX setting devices before auto-addressed LDX-403A.**



**Figure2: Connecting other manually DMX setting devices after auto-addressed LDX-403A.**



## Limited Warranty

1. Lite-Puter is only responsible for the product itself.
2. Lite-Puter guarantees to keep Lite-Puter's from manufacturing defects within a year since the distributing date.
3. Lite-Puter does not offer on-site service. If the defects appears  
In Lite-Puter's product, please deliver the product to local distributors or to Taipei headquarters.
4. The warranty does not cover:
  - a. Any fault caused by false usage, imprudence (collision, inadequate installation or adjustment, insufficient ventilation, or improper repairs)
  - b. Force majeure factors (*flooding, earthquake, thunder, volcanic eruption, tsunami or other factors beyond Lite-Puter control*).
  - c. The cost of installing, reinstalling, adjusting, repairing, or reprogramming the product.
  - d. Other products or devices which are offered by Lite-Puter or not by Lite-Puter.
5. Lite-Puter does not warrant the product will operate without interruption or being free of error.

### Revision Record

Version	Record
A	First issued

Issued: 2011/08

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