

User Manual

DP-8DA

8-Channel Dimming Pack

(EDX/DMX TO Analog Decoder)



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0 Before Installation

- please make sure the rack has adequate ventilation. Otherwise the machine will become
- Temperature: < 35°C
- 8-channel 0-10V DC output, can work 24/7 without switching off.

1 Introduction

1-1 Features

- EDX and DMX-512 compatible.
- Up to 99 zones
- 8 channels 0-10V DC.
- 6 groups of scenes can be edited/saved, 8 channels can be controlled in each SC, and can be recalled by ECP panel.

1-2 Specifications

- Power Supply: DC 12V (optional 12V adaptor)
- Output spec: 8 channel/0~10V DC
- Protocol: DMX-512/EDX
- Signal Connector: 4 pin terminal
- Dimension: 130(W) x 85(D) x 59(H) mm
- Weight: 295g approximate

1-3 Dimensions



1-4 Functions

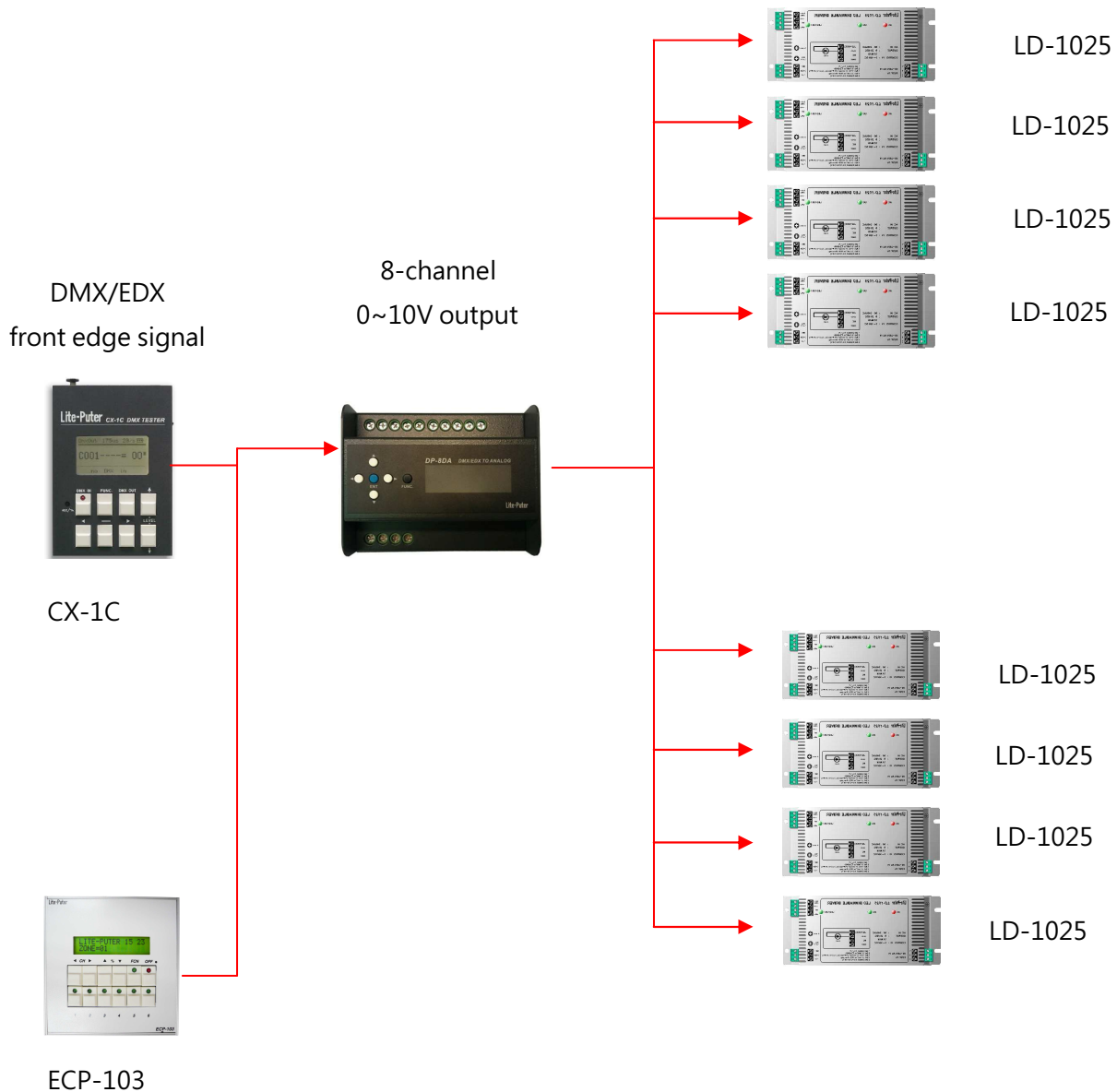


- 1 LCD display screen
- 2 Function zone:
 - 【ENT】 — enter
 - 【FUNC】 — function
 - 【◀】 , 【▶】 , — option shift
 - 【▲】、【▼】 — option/parameter adjust
- 3 8-channel 0-10V DC output
- 4 EDX/DMX Port



- 5 Program download interface
- 6 12V DC input (Please Note: AC to DC adapter is optional.)

1-5 Diagram



About EDX cable line:

The digital signal wiring is basically the same as RS-485 wiring. If you are not familiar with RS-485 wiring, please check EDX wiring guide on Lite-Puter's website:

http://www.liteputer.com.tw/tech_guide.asp

2 Operations

2-1 ID NO. Set

Each device has a unique ID NO., when single device is used, ID NO. do not need to be adjusted; when several devices are used, various ID NO. need to be adjusted to normally operation.

Press 【FUNC】 to enter menu, press 【▲】 / 【▼】 to select **F1 : SET ID**. Press 【ENT】 to enter ID NO. selection and press 【▲】 / 【▼】 to increase/decrease ID NO., Press 【ENT】 to save and exit.
ID No. can be set to 255(Max.).

2-2 Scene Edit

Press 【FUNC】 to enter menu, press 【▲】 / 【▼】 to select **F2 : EDIT SC**. Press 【ENT】 to enter SC selection and press 【▲】 / 【▼】 to select SC. Press 【▶】 to set channel and press 【▲】 / 【▼】 again to set channel. Press 【ENT】 to save and exit.

DP-8DA is able to set 6 sets of scenes that can control 8-channel outputs.

2-3 Channel Set

Press【FUNC】to enter menu, press【▲】/【▼】to select **F3 :EDIT CH**. Press【ENT】to enter channel selection and press 【▲】 / 【▼】 to select, press 【▶】 to channel setting, and press 【▲】 / 【▼】 to increase/decrease the channel value.

2-4 DMX address set

Standard DMX front edge can output 512 channels, but DP-8DA intercepts consecutive 8 channels to output from them. The number of the 1st channel is called start channel address.

Press 【FUNC】 to enter menu, press 【▲】 / 【▼】 to select **F4 : SET DMX**. Press 【ENT】 to enter DMX address edit state, press【▲】/【▼】 to select the desired DMX, and press【ENT】to save and exit.

NOTE: DMX setting range is 001-512.

2-5 Zone Set

Definition of Zone: The control zone number preset before the device is used.

Press【FUNC】to enter menu, press【▲】/【▼】to select **F5 :SET ZONE**. Press【ENT】to enter zone selection and press【▲】/【▼】to select zone, press【ENT】to exit. The range is 01-99.

Press 【▶】 to select SUB ZONE which can be set to 255(Max.).

SUB_ZON : Channel start number of a specific zone.

For example, if SUB_ZONE=003, CH003 of ECP-103 corresponds to the first channel of DP-8DA.

2-6 Version

Press【FUNC】to enter menu, press【▲】/【▼】to select **F6 : VERSION** . Press【ENT】to enter. After check version press【FUNC】to exit.

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.

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