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User Manual

EDX-B02D

2-Channel Curtain Controller

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1. Introduction

1-1 Feature

- Standard DMX control. When the DMX value higher than 75%, curtain motor start to rotate clockwise; when the DMX value lower than 25%, curtain motor start to rotate counterclockwise; When the DMX value is in the range of $25\%-75\%$, the curtain motor stop rotating.
- 2 dry contacts output control the curtain motor rotate clockwise and counterclockwise.
- Accept ECP control panel.
- Can save 6 scenes.

1-2 Specification

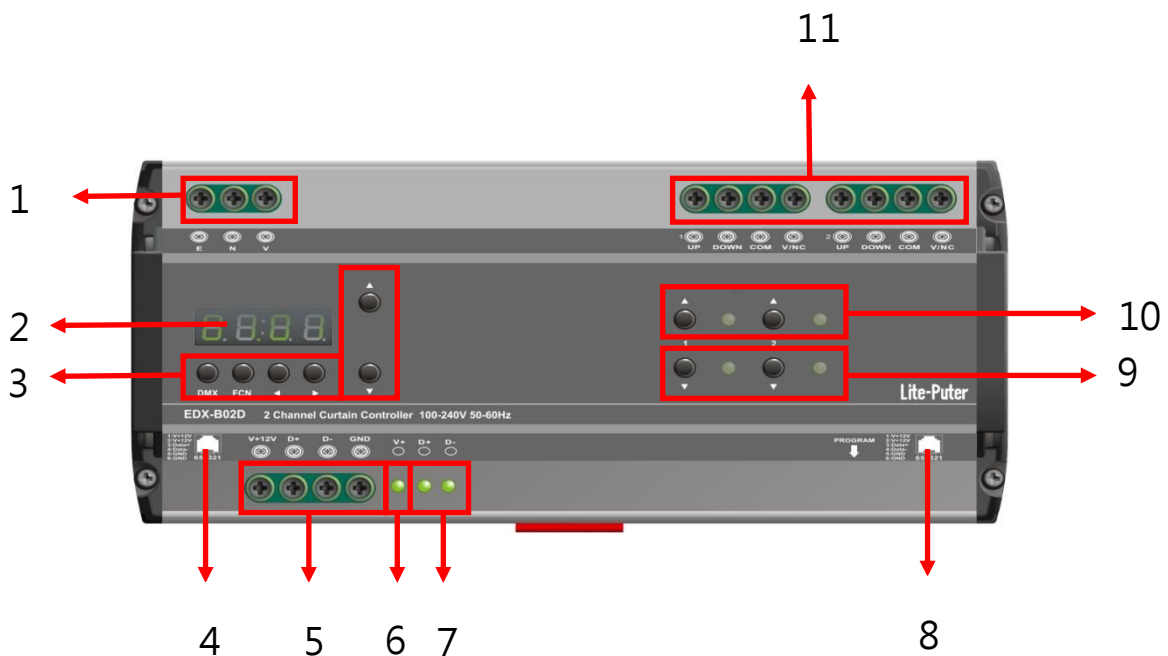- Power supply: AC 100-240V 50Hz-60Hz
- Protocol: DMX-512/RS-485
- Signal connector: 6P6C PHONE JACK(RJ11) *2, 4Pin green terminal
- Installation: track-mounted
- Dimension: 198 (W) x 90 (H) x 62 (D) mm
- Weight: 650g

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1-3 Dimension

1-4 Panel Introduction

1	Power supply：AC 100-240V	2	LED display
3	DMX: confirm button; FCN: function button; ▲▼◄ ► direction button		
6	Power indicator	4、5、8	Signal input: DMX-512/RS485
7	Communication indicator	9	Counterclockwise shortcut button and indicator
10	clockwise shortcut button and indicator	11	Control output

1-5 Wiring Diagram

AC Motor Wiring:
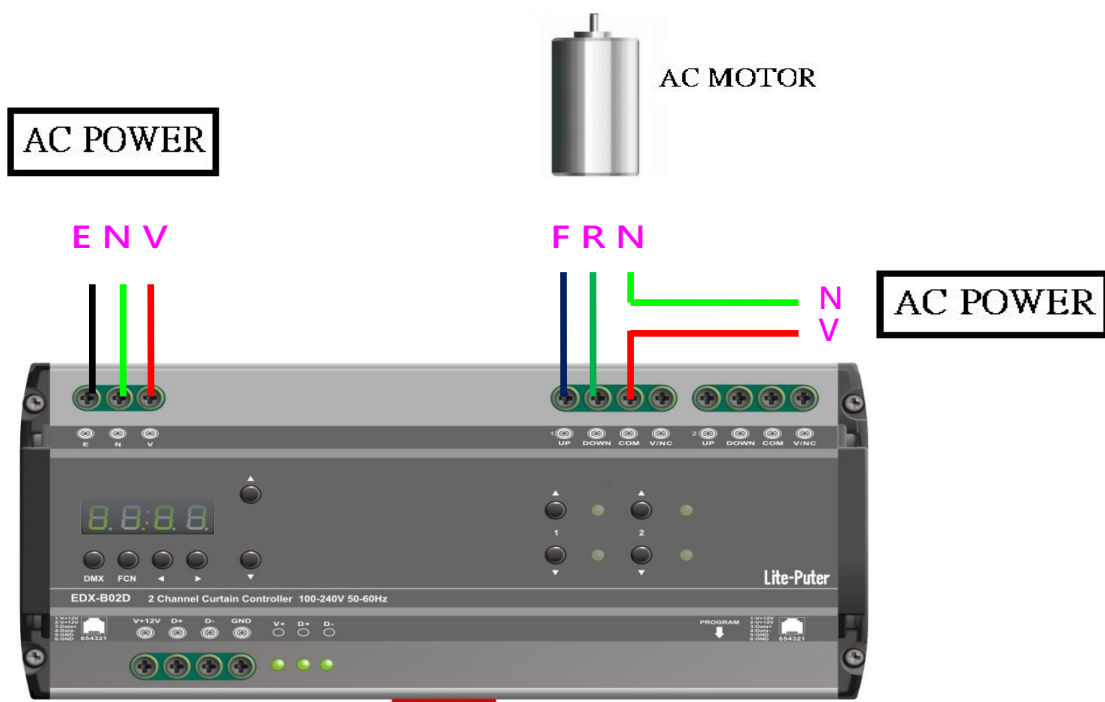
DC Motor Wiring:
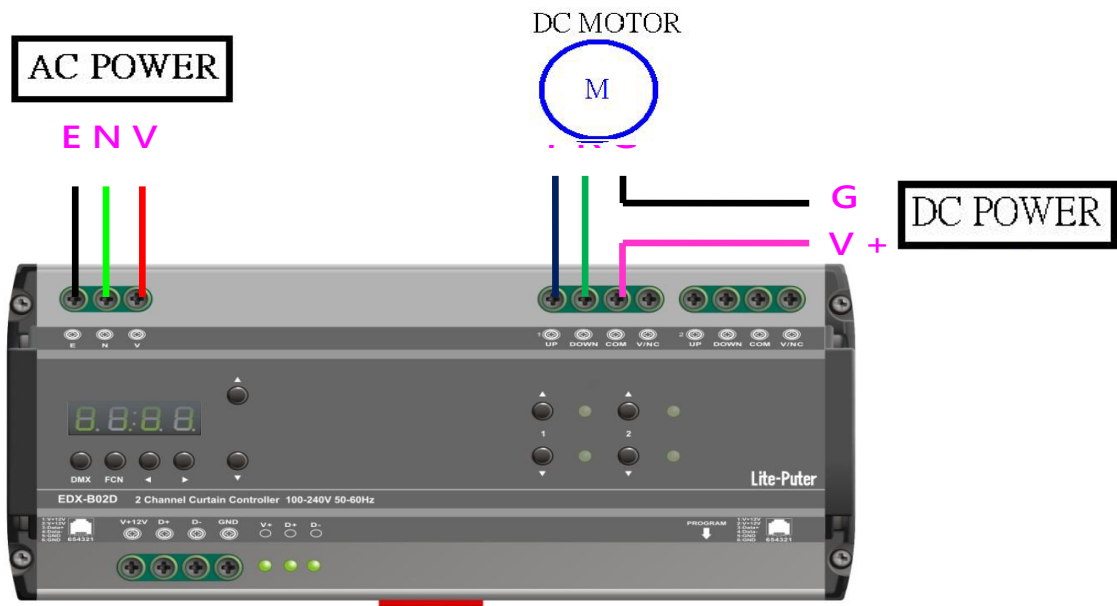
2. Operation

2-1 Initialization

STEP-1: hold 【▲】 and 【▼】 to power the device until LED displays:

STEP-2: Press【DMX】to initial:

STEP-3: then enter the main screen:

Press 【FCN】 after STEP-2 can stop initialization.

2-2 DMX Address Setting

Standard DMX console can output 512 channels and EDX-B02D can use consecutive 2 channels out of them as the output channel. In these 2 channels, the first channel No. is start channel address.

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STEP-1: On the main page, press【DMX】+【▲】or【▼】to set the DMX address. For example, change the DMX address from 001 to 003

d001 → **d003**

When the DMX signal inputs, LED displays:

d.003

STEP-2: Release button to back.

2-3 Motor Control

On the main page , hold【▲】to start the motor rotate clockwise ; hold【▼】to start the motor rotate counterclockwise; release【▲】or【▼】, the motor will stop rotating.

2-4 Accept/Refuse DMX Signal

STEP-1: On the main page, press【FCN】3 times to enter the screen:

d-0F

STEP-2: Press【▲】or【▼】to select ON/OFF:

d-0N

In which:

ON—— Refuse external DMX signal

OFF—— Accept external DMX signal

STEP-4: After setting, press【DMX】to save, press 【FCN】to exit.

2-5 ID No. Setting

Each EDX series device must have a ID No.. When one device is working alone, there is no need to adjust the ID No., but when several devices are working together, each device must have a different ID No.

STEP-1: On the main page, press【FCN】twice to enter ID NO. setting.

Blink, ID NO. is 1

STEP-2: Press【▲】or【▼】to change ID NO.. (Up to 999)

STEP-3: After setting, press【DMX】to save, press 【FCN】to exit.

2-6 Zone Setting

Definition of zone: The device must set the Zone No. before using, which consists of two parts, one is the zone no. and another is the start channel address.

2-6-1 Single/Multi Zone Setting

STEP-1：On the main page, press【FUNC】7 times to enter Zone setting.

Blink

STEP-2: Press 【▲】or【▼】to choose ON or OF

Blink

In which:

ON—Multi Zone state

OF—Single Zone state

STEP-3: After setting, press【DMX】to save, press 【FCN】to exit.

2-6-2 Single Zone Setting

STEP-1: On the main page, press【FCN】once to enter single zone setting. The cursor will blink:

Blink, zone is 1

STEP-2: Press 【▲】 or 【▼】 to change the zone no. (Up to 99 Zones)

STEP-3: Press 【◄ 】or【► 】 to shift between zone and start channel option; press 【◄ 】 to shift to start channel option, and then press 【▲ 】or【▼ 】can modify the zone No. (Up to 99)

`0101`   Blink, start channel is 1

STEP-4: After setting, press 【DMX】 to save, press 【FCN】 to exit.

2-6-3 Multi Zone Setting

STEP-1: On the main page, press【FCN】8 times to enter multi zone setting. The cursor will blink:

`1-01`   Blink, channel is 1

STEP-2: Press 【▲】 or 【▼】 can modify channel;

`2-01`

STEP-3: Press 【◄ 】 or 【► 】 to shift to zone select state. The cursor will blink:

`2-01`   Blink, zone is 1

STEP-4: Press 【▲】 or 【▼】 can choose channel zone (Up to 99 Zones);

STEP-5: Press 【◄ 】or【► 】 to shift to start channel select. The cursor will blink in the start channel option:

`-001`   Blink, start channel is 1

STEP-6: Press 【▲】 or 【▼】 can choose start channel (Up to 255)

STEP-7: After setting, press 【DMX】 to save, press 【FCN】 to exit.

2-7 Scene Setting

STEP-1: On the main page, press 【FCN】 five times to enter channel edit status.

`1-50`   Blink, channel 1

STEP-2: Press 【▲】 or 【▼】 to select channel

STEP-3: Press 【◄ 】 or 【► 】 to shift to LEVEL setting status of channel

`1-50` Blink, the current LEVEL is 50, the motor stops.

STEP-4: Press 【▲】 or 【▼】 to modify LEVEL 0-FL of channel

`1-75` Blink, the current LEVEL is 75, the motor rotates clockwise.

2-8 Scene Save and Recall

STEP-1: According to 2-7, press 【DMX】 to enter scene save screen:

`Sc01`

STEP-2: Press 【▲】 or 【▼】 to select the desired scene No., and save the current channel status as any scene (SC1-6)

`Sc05`

STEP-3: After setting, press 【DMX】 to save, press 【FCN】 to exit.

2-9 Scene Duration Setting

STEP-1: On the main page, press 【FCN】 four times to enter Scene Duration Setting. The cursor will blink:

`1F 10` Blink, scene 1

STEP-2: Press 【▲】 or 【▼】 to select scene No., and can select any scene (SC1-6)

`2F 10`

STEP-3: Press 【◄ 】 or 【► 】 to shift to scene duration setting status:

`2F 10` Blink, scene duration scene is 10s

STEP-4: Press 【▲】 or 【▼】 to select scene duration(1-99s) or any one of infinity.

2-10 Motor Rotate Setting

STEP-1: On the main page, press【FCN】six times to enter motor operation status setting. The cursor will blink:

Blink, channel 1

STEP-2: Press【▲】 or【▼】to select channel

STEP-3: Press【◄ 】or【► 】to shift to motor rotate setting status:

Blink, UP means motor rotates clockwise

STEP-4: Press【▲】 or【▼】to select UP/DOWN

In which :

UP — motor rotates clockwise

DOWN— motor rotates counterclockwise

STEP-5: Press【◄ 】or【► 】to shift to motor operation setting screen:

Blink, motor operating time is 10s

STEP-6: Press【▲】 or【▼】to select motor rotate time(1-99s) or any one of infinity

STEP-7: After setting, press【DMX】to save, press 【FCN】to exit.

2-11 Check Software Version

On the main page, press【FUNC】nine times to check the current software version.

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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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