

EDX-B01

Curtain Control Module

【User Manual】



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1 Introduction

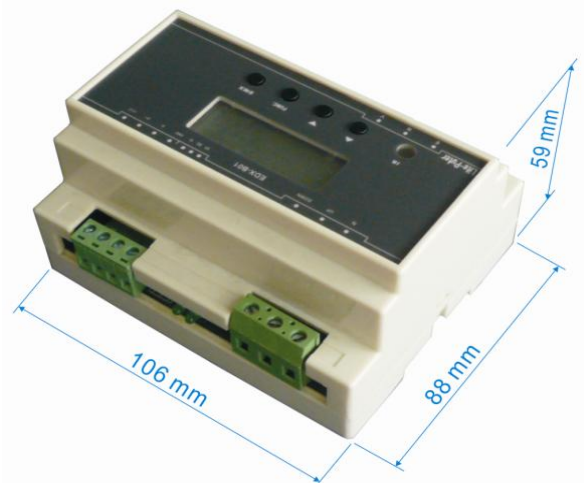
1-1 Feature

- 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 and IR remote controller control.
- Can save 6 scenes and 1 off scene.

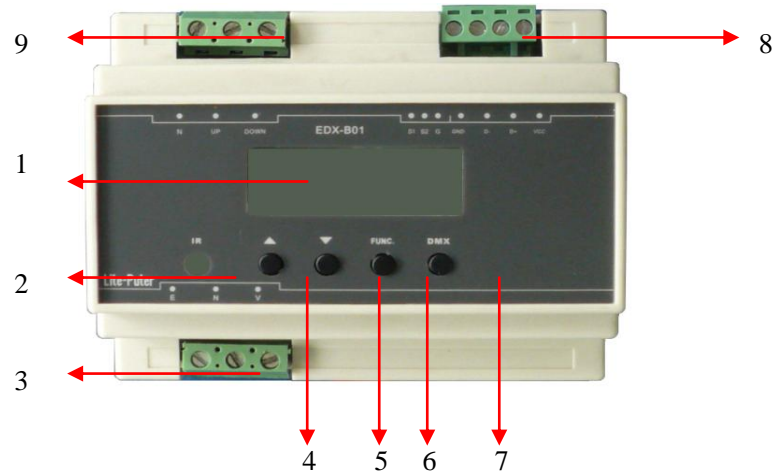
1-2 Specification

- Power supply: AC 90-240V 50Hz-60Hz
- Protocol: DMX-512/RS-485
- Signal connector: 4Pin green terminal
- Installation: 35mm track-mounted
- Dimension: 106 (W) x 59 (H) x 88 (D) mm
- Weight: 245g
- Fuse: PCB No.: OH23-1A2 F4(Tube fuse 5A, 250V slow-blow)
PCB No.: OH23-2A1 F2, F3(Resettable 0.1A, 60V)

1-3 Dimension



1-4 Panel Introduction



1	LCD display	6	FUNC : enter/exit function menu
2	IR receiver	7	DMX : confirm button/set DMX address
3	Power input	8	Signal input
4	▲ button	9	Dry contact output
5	▼ button		

1-5 Wiring Diagram



N: Neutral wire
 F: Live wire for clockwise rotation
 R: Live wire for counterclockwise rotation

2 Operation

2-1 DMX Address Setting

Standard DMX console can output 512 channels and EDX-B01 can use 1 channel out of them as the output channel.

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

DMX d-001 → DMX d-003

When the DMX signal inputs, the DMX on the LCD will blink.

DMX d-001 Blink

2-2 Motor Control

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

Notice: This function is effective only when the primary&secondary scene function is off.

2-3 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.

STEP-1 On the main page, press **【FUNC】** once to enter zone setting.

ZONE 01-01 Blink
 Zone No. Start channel address

It indicates that EDX-B01's current Zone no. is 01 and start channel address is 01.

- STEP-2** Press **【▲】** or **【▼】** to change the zone no. (Up to 99 Zones)
- STEP-3** Press **【FUNC】** again shift to change the start channel address. Press **【▲】** or **【▼】** to change the address. (Up to 99)
- STEP-4** After setting, press **【DMX】** to save.

2-4 ID No. Setting

Each EDX series device must have a ID No.(The default setting is 01). When one device's 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 **【FUNC】** three times to enter ID no. setting.

ID 001

STEP-2 Press **【▲】** or **【▼】** to change the ID no..(Up to 255)

STEP-3 After setting, press **【DMX】** to save.

2-5 Channel Status Setting

STEP-1 On the main page, press **【FUNC】** four times to enter channel status setting.

1 - 0P

Channel status is clockwise rotation.

STEP-2 Press **【▼】** to change the status to counterclockwise rotation; press **【▲】** to change the status to clockwise rotation.

1 - 0A

Channel status is counterclockwise rotation.

STEP-3 After setting, press **【DMX】** to save.

Notice: User can use DMX console to change the channel status.

2-6 Scene Setting

STEP-1 On the main page, press **【FUNC】** five times to enter scene setting. (User needs to set the channel status first before entering this function.)

SC 01

STEP-2 Press **【▲】** or **【▼】** to select the scene no.. When the F5 (Primary & Secondary scene function) is on, user can select SC1S~SC6S.

Because EDX-B01 only have one channel, the scene saves the channel's current status.

STEP-3 After setting, Press **【DMX】** to save.

User can use ECP series control panel or IR-0501 IR remote controller to recall the scene.

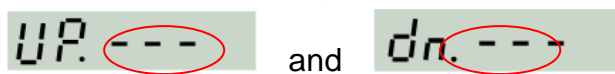
2-7 Operation Time Setting

Definition of operation time: the motor's clockwise rotation and counterclockwise rotation's operation time.

STEP-1 On the main page, press **【FUNC】** six times to set the operation time for clockwise rotation; press **【FUNC】** seven times to set the operation time for counterclockwise rotation.



STEP-2 Press **【▲】** or **【▼】** to change the time. If the operation time is set as ---, the motor will keep rotating until the user stop it.



STEP-3 After setting, Press **【DMX】** to save.

2-8 Primary & Secondary Scene Function On/OFF

Primary and Secondary Scene Function

On usual, press a scene button (1-6) on the control panel, the corresponding scene will be call out; if you press the same button once again, it will be the same scene. When this function is on, press a scene button, the corresponding scene will be call out and then press the same button again, a different scene will be call out. Press the same scene button to recall the two scenes alternatively.

These two scenes are call out by the same scene button is the primary and secondary scene.

STEP-1 On the main page, press **【FUNC】** eight times to enter primary & secondary scene function.



STEP-2 Press **【▲】** or **【▼】** to choose from ON and OFF.



STEP-3 After setting, Press **【DMX】** to save.

For example,

1. This function is OFF.

Press SC 1 button on the control panel to recall scene 1, then the motor is acted as the preset status; press SC1 button again, the motor stop acting; press SC 1 third time, the motor is restarted.

2. This function is OFF.

SC1: motor rotates clockwise, SC1S: motor rotates counterclockwise.

Press SC 1 button on the control panel to recall scene 1, then the motor is rotating clockwise; press SC1 button again, then the motor is rotating counterclockwise. Press **【▲】** or **【▼】** to stop the motor.

Notice: when using **【▲】 or **【▼】** button on the control panel to stop the motor, please make sure the current scene doesn't include the channel that set as switch mode, otherwise, press **【▲】** , the channel will turn on; press **【▼】** , the channel will turn off.**

2-9 Check Software Version

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

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 version
D	Add function 2-8
E	Change 1-2

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