

CX-803

8CH. DMX CONSOLE

【User Manual】



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Chapter 1. Introductions

1-1 Features

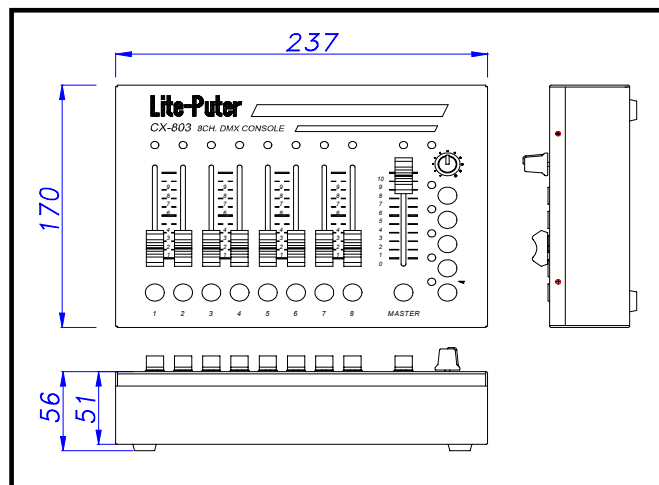


- Standard DMX512 control signal
- Control 8 channels (dimming/ flash)
- Can set 8 sets scenes
- Chase function
Can set channel / scene to chase mode
Chase speed adjustable.
Can adverse Chase direction. (forward / backward)
- FLASH function
- Audio control

1-2 Specifications

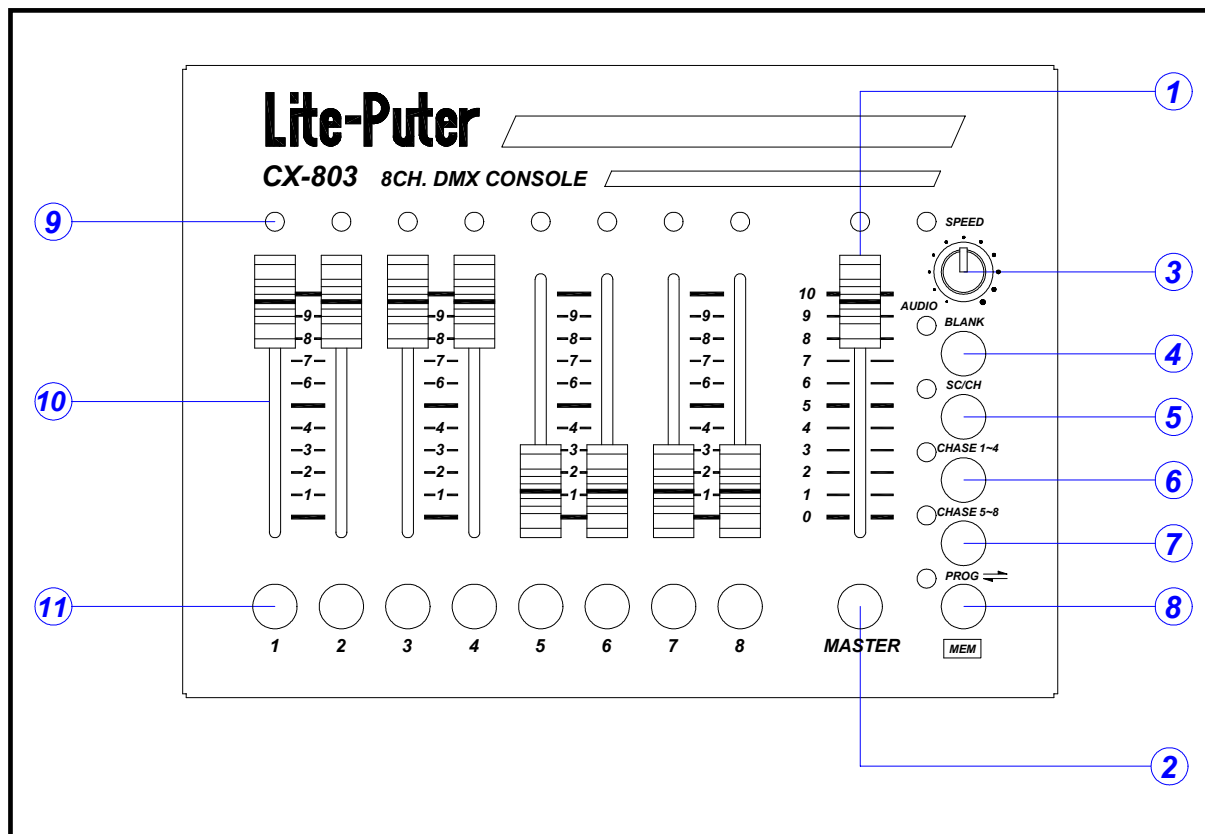
- | | |
|---|---|
| <ul style="list-style-type: none"> ■ Power supply ■ DMX signal input/ output ■ DMX signal output channels ■ DMX signal connector ■ Audio signal input ■ Dimension ■ Weight | <p>DC 12V / 0.5A</p> <p>DMX512 / 1990</p> <p>8 channels, 1--- 8ch</p> <p>XLR 3-pin(x1), XLR 5-pin(x1),
Phone jack RJ11 (x2)</p> <p>External maximal input:
Line in 100mV (-10db)</p> <p>Show as below, (Drawing 1)</p> <p>1.2Kg.</p> |
|---|---|

(Drawing 1)
units: mm



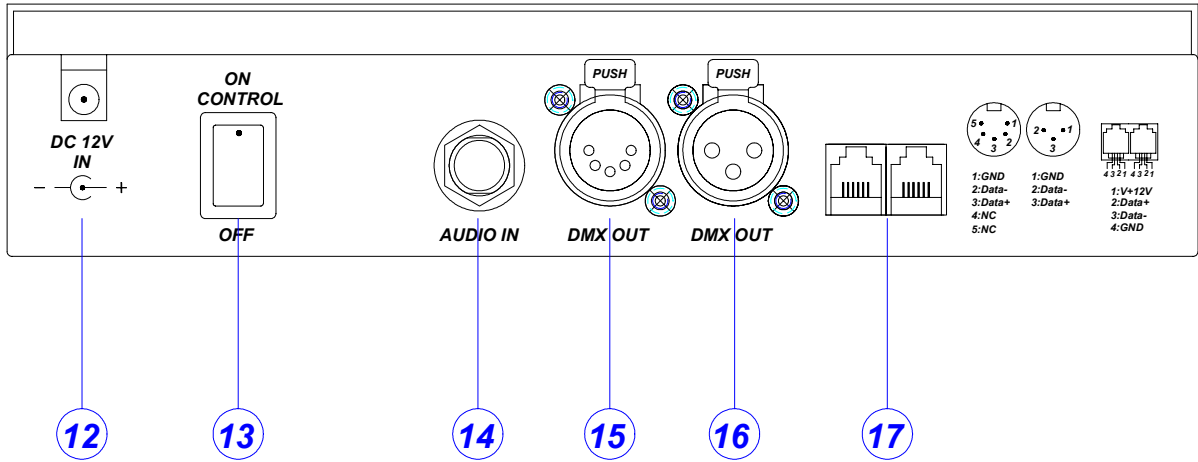
1-3 Feature introductions

【Control Panel】



1. **MASTER-VR** : Master dimming control VR
2. **MASTER** : Main full on control button
3. **SPEED / AUDIO** : Chase speed / Audio control VR
4. **BLANK** : Blank Key
5. **SC / CH** : SC / CH selection button
6. **CHASE 1~4** : Chase on / off key (for channel 1-4)
7. **CHASE 5~8** : Chase on / off key (for channel 5-8)
8. **PROG** : Chasing direction key (forward / backward)
9. Output LED display
10. **VR-1...VR-8** : Dimming VR of Individual channel / Dimming VR of Scene 1...Scene 8.
11. **1 ~ 8** : Setting scene key / Flash key

【Rear Panel】



12. Power input : DC 12V / 0.5A

13. Power on/ off

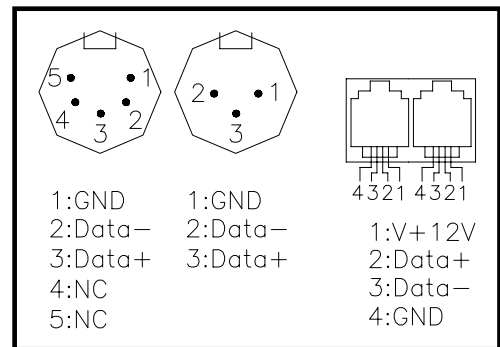
14. Audio line in : 100mV

15. DMX signal connector : XLR 5-PIN

16. DMX signal connector : XLR 3-PIN

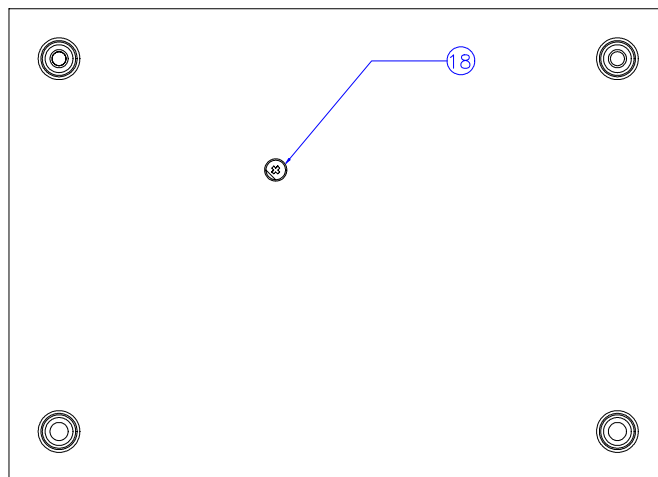
17. DMX signal connector : PHONE JACK RJ11

(No other power input is required on CX-802 if Phone jack has been used)



【Bottom Panel】

18. Adjust VR of Audio control sensitivity



Chapter 2. Operations

2-1 SCENE setting

Simple Manual :

At the first, enter the CH mode, adjust each channel dimming level, then press **【PROG】** + any number key of **【1...8】** at the same time to save the scene.

STEP-1 : Press **【SC / CH】** to change SC/ CH mode. When the LED is off, it's in CH mode, and when the LED is on, it's in SC mode.

STEP-2 : Move **【MASTER-VR】** to the Max. (Top)

- 1.) When push MASTER-VR to the top (100%) and VR-1...VR-8 to 50%, the final output of the channels is 50%.
- 2.) When push MASTER-VR to the top (50%) and VR-1...VR-8 to 50%, the final output of the channels is 25%.

STEP-3 : Move **【VR-1 ... VR-8】** to adjust the dimming level of CH-1...CH-8.

STEP-4 : After the users are sure about the dimming level of the scene, press **【PROG】** + any number key of **【1...8】** at the same time.

*If the users want to save SCENE-1, please press **【PROG】** + **【1】**, and the SCENE 1 will be saved. Please do as above steps to save the SCENE-2...SCENE-8.*

2-2 Call out the SCENE

There are two options for calling out a scene.

I. Call out by VR-1...VR-8 in dimming mode

STEP-1 : Press **【SC/ CH】** to enter SC mode. (LED is on)

STEP-2 : Move **【VR-1...VR-8】** .

*If user want to call out SCENE 2, please move **【VR-2】** , then the SCENE-2 will be output in dimming mode.*

II. Call out by FLASH mode

STEP-1 : Press **【1...8】** .

*If user want to call out SCENE-2, please press button **【2】**, then SCENE-2 will be output by 100%, the output will return to the original value when loose the button.*



2-3 CHASE

There are two options to adjust the chase speed.

(1) Chase according to the built-in speed

(2) Audio mode.

2-3-1 Built-in speed

There are two kinds of mode for chase.

(1) In **【CH】** mode : Chase by press **【CH-1...CH-4】** or **【CH-5...CH-8】** , when the led of **【SC / CH】** is off.

(2) In **【SC】** mode : Chase by press **【SC-1...SC-4】** or **【SC-5...SC-8】** , when the led of **【SC / CH】** is on.

In the [CH] mode:

STEP-1 : Press **【SC/CH】** , to select the Channel Mode. (led is off)

STEP-2 : Execute only one set chase **【CHASE 1~4】** , **【CHASE 5~8】** or both of them as needs.

- Press **【CHASE 1~4】** : To run chase from CH1 to CH4.
- Press **【CHASE 5~8】** : To run chase from CH5 to CH8.
- Press **【CHASE 1~4】** and **【CHASE 5~8】** : To run chase of CH-1 ~ CH-4 and CH-5 ~ CH-8.

The dimming level will be controlled only by Master –VR. A background luminance effect will be offered at the same time by moving any of VR upward.

STEP-3 : Then decide the chase speed, rotate the speed knob to adjust the speed. When turned in a clockwise direction, the speed will be faster.

STEP-4 : Press **【PROG】** to choose the chase direction.



In the [SC] mode:

STEP-1 : Press **【SC/CH】** , to select the SC mode. (led is on)

STEP-2 : Execute only one set chase **【SC 1~4】** , **【SC 5~8】** or both of them as needs.

- Press **【CHASE 1~4】** : To run chase from SC 1to SC 4.
- Press **【CHASE 5~8】** : To run chase from SC 5 to SC8.
- Press **【CHASE 1~4】** and **【CHASE 5~8】** : To run chase from **SC-1 to SC-8.**

STEP-3 : Move **【VR-1...VR-8】** .

*Suppose the user press **【CHASE 1~4】** in step-2, and move **【VR-1...VR-4】** , then output the chase of SC-1...SC-4, in the same time the user can move the*

【VR-5...VR-8】 to be the background luminance, and then the dimming level of chase and the background luminance will be control by the Master-VR.

STEP-4 : To decide the chase speed, rotate the speed knob to adjust the speed. When turned in a clockwise direction, the speed will be faster.

STEP-5 : Press **【PROG】** to choose the chase direction.

2-3-2 AUDIO CHASE

STEP-1 : Rotate the speed knob in a counterclockwise direction till a click sound heard, and then chase will be in a audio-controlled condition. As this moment the chase will be controlled by audio signal.

STEP-2 : This step is same as section 2-3-1.

2-4 BLANK

Press the **【BLANK】** to stop the output, press this button again to return to the original output.