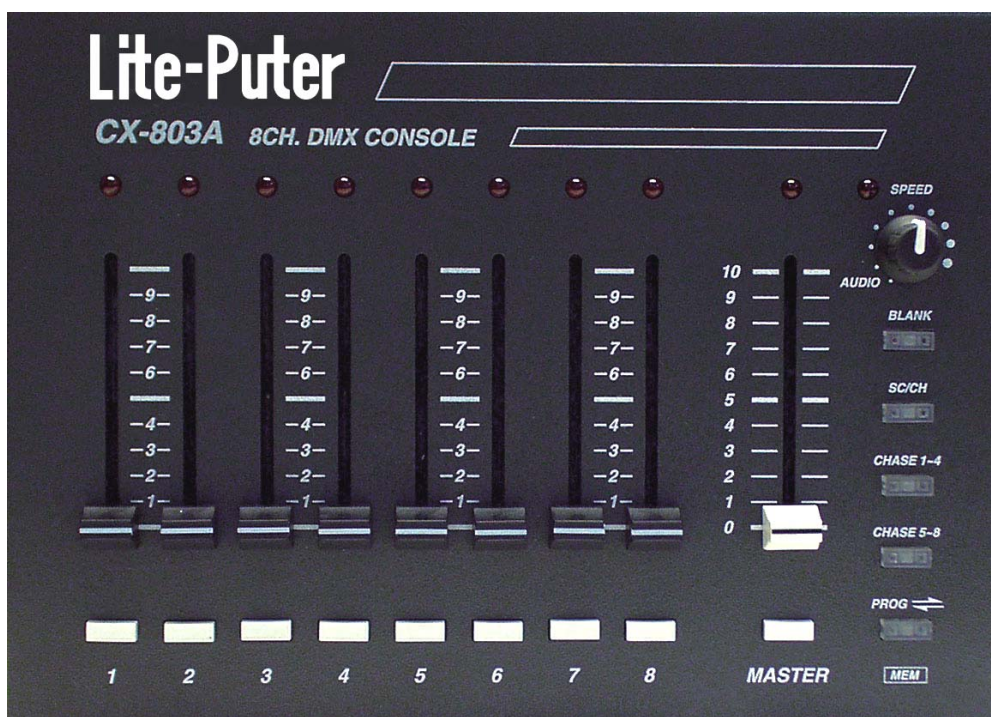


# CX-803A

## 8 Channel DMX Console

### 【User manual】



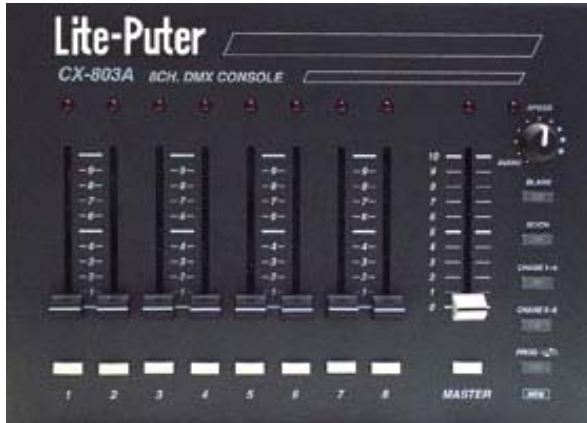
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## Chapter 1. CX-803A Instruction

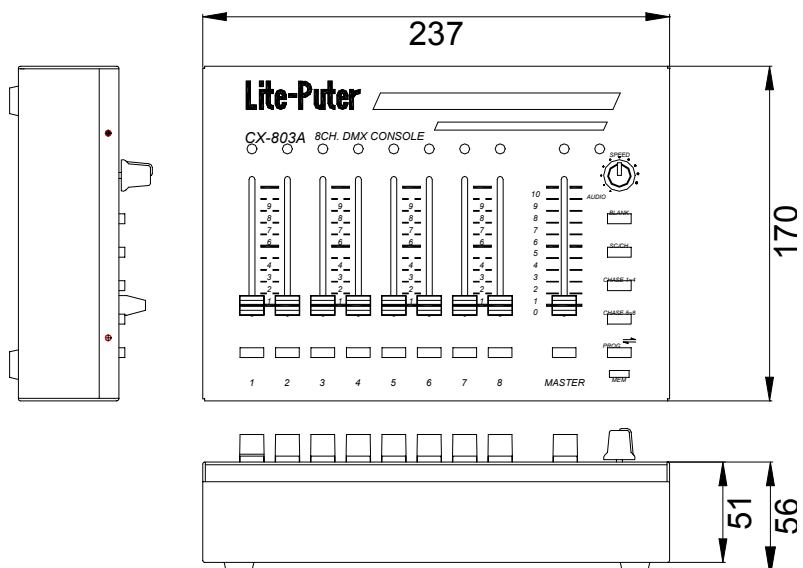
### 1-1 Feature



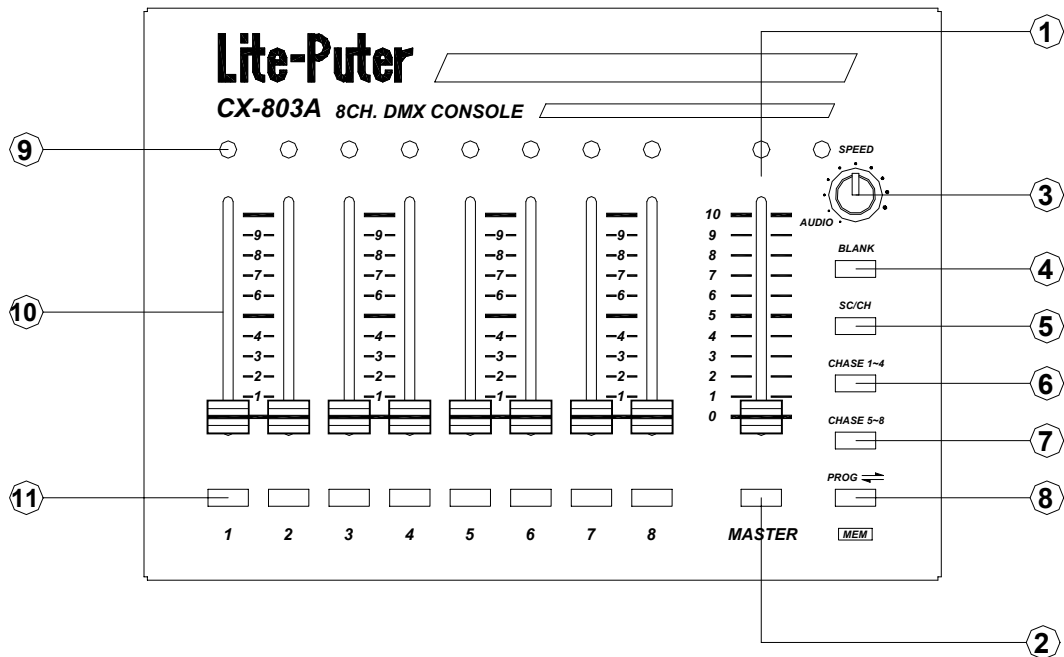
- Standard DMX 512 signal control
- 8 dimming control channel
- 8 control scene setting
- Chaser function:
  - 1.) Channel chase
  - 2.) Scene chase
  - 3.) Speeding control
  - 4.) Chase Function
- Flash
- Audio input

### 1-2 Specification

- |                   |   |
|-------------------|---|
| ■ Power supply    | DC 12V/ 1A  |
| ■ Control signal  | DMX512 / 1990                                     |
| ■ Control channel | 8 channel   |
| ■ Connector       | XLR 3-pin(x1), XLR 5-pin(x1), phone jack RJ11(x2) |
| ■ Audio input     | Max. input : -10 db 100mV                         |
| ■ Weight          | 1.2 Kg  |
| ■ Dimension       | unit : mm   |

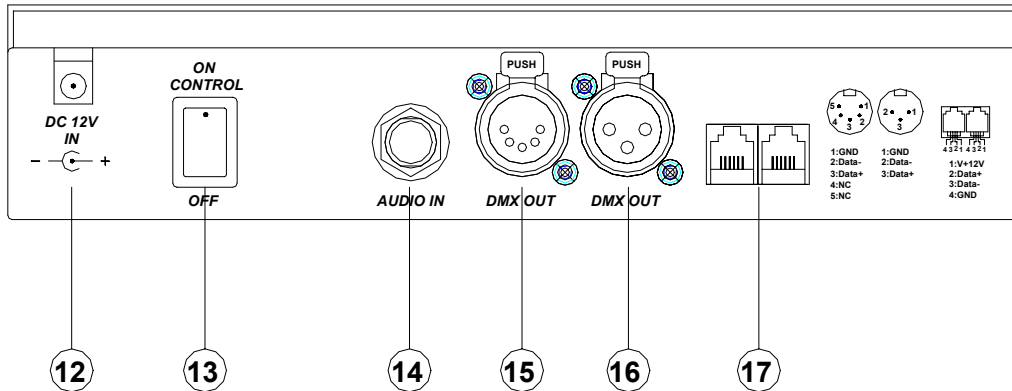


**1-3 CX-803A Function**



1	<b>MASTER-VR</b>	Master dimming control
2	<b>MASTER</b>	Master Flash control
3	<b>SPEED/ AUDIO</b>	Audio / speed chase control
4	<b>BLANK</b>	Pause
5	<b>SC/CH</b>	Scene / Channel control
6	<b>CHASE 1</b>	Chase 1
7	<b>CHASE 2</b>	Chase 2
8	<b>PROG</b>	Scene/ Chase direction control
9	<b>LED</b>	Signal display
10	<b>VR-1...VR-8</b>	<ul style="list-style-type: none"> <li>■ Setting 1...8 dimming channel</li> <li>■ Recall 1...8 Scene</li> </ul>
11	<b>1 ~ 8</b>	Channel / Scene setting / FLASH

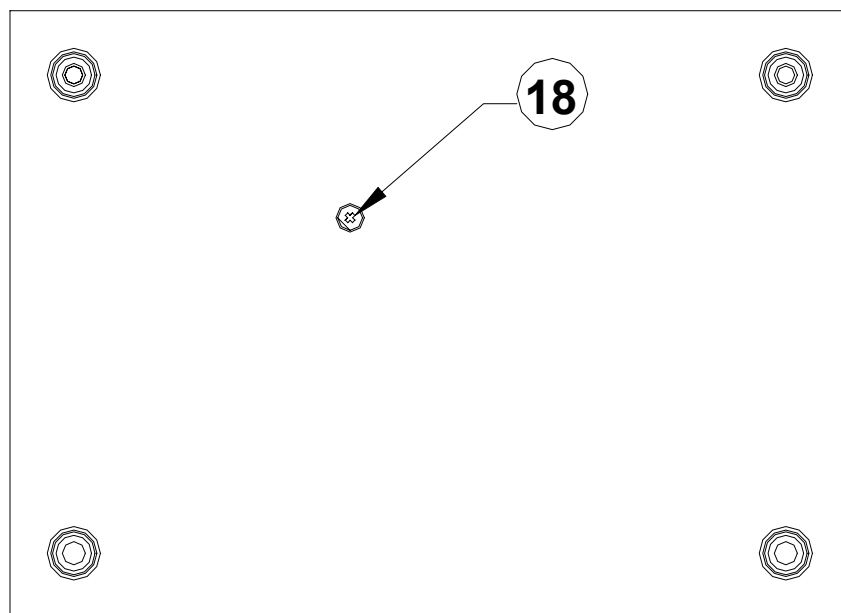
**1-4 CX-803A Rear panel**



12	Power supply: DC 12V / 1A
13	Power switch
14	Audio input: 100mV
15	DMX connector: XLR 5-PIN
16	DMX connector: XLR 3-PIN
17	DMX connector: PHONE JACK (RJ11)

**1-5 CX-803A audio sensitivity control**

18	Audio sensitivity control
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## Chapter 2. CX-803A operation

### 2-1 SCENE setting

Select **【CH】** mode, and move the fader to set the dimming value  
press **【PROG】 + 【1~8】** to save control scene.

**STEP-1** press **【SC / CH】** to select the control channel

LED : off → in CH mode

LED : on → in SC mode

**STEP-2** move **【MASTER-VR】** to the top

**STEP-3** move **【VR-1 ... VR-8】** to dimming

**STEP-4** press **【PROG】 + 【1...8】** to confirm and save the selection

- 1.) When MASTER-VR in 100%, and the VR-1...VR-8 in 50% of dimming value, the SCENE total output dimming value will be 50%.
- 2.) When MASTER-VR in 50 %, and the VR-1...VR-8 in 50% of dimming value, the SCENE total output dimming value will be 25%.

### 2-2 Scene recall

Refer to 2-1 to set up the dimming value of SC-1...SC-8, use the following function to recall the scene.

#### A: 0%...100% VR control

**STEP-1** press **【SC / CH】** key to select **【SC】** mode. (LED "on")

**STEP-2** press **【VR-1...VR-8】**

Ex : to recall SC-2, adjust the **【VR-2】** , to recall scene 2 by dimming

#### B: FLASH

**STEP-1** press **【SC / CH】** to select **【SC】** mode. (LED "on")

**STEP-2** press **【1...8】**

EX : to recall SCENE 2, press **【2】** ,and scene 2 switch to 100% full, and release the key to off the function.

## 2-3 CHASE

- (1) Internal chase setting (SPEED CHASE)
- (2) Audio input control (AUDIO)

### 2-3-1 Internal chase setting ( SPEED CHASE )

2 mode of chase setting:

- (1) in **【CH】** mode : Chase by CH mode
- (2) in **【SC】** mode : Chase by SC mode

#### 【CH】 mode

**STEP-1** press **【SC/CH】** , to select the channel. (LED "off")

**STEP-2** to select the chase.

Led : ● on ○ off

#### 1. press **【CHASE 1】** :

CH.	1	2	3	4	5	6	7	8
STEP 1	●	○	○	○	○	○	○	○
STEP 2	○	●	○	○	○	○	○	○
STEP 3	○	○	●	○	○	○	○	○
STEP 4	○	○	○	●	○	○	○	○

Repeat...

#### 2. press **【CHASE 2】** :

CH.	1	2	3	4	5	6	7	8
STEP 1	○	○	○	○	●	○	○	○
STEP 2	○	○	○	○	○	●	○	○
STEP 3	○	○	○	○	○	○	●	○
STEP 4	○	○	○	○	○	○	○	●

Repeat...

**STEP-3** to adjust the speeding of chase, press **【SPEED】** to adjust.

**STEP-4** press **【PROG】** to change the chase direction.

## 【SC】 mode

**STEP-1** press **【SC/CH】** , to select the SC mode

**STEP-2** to select

- press **【CHASE 1】** : to execute the **SC-1...SC-4** chase.
- press **【CHASE 2】** : to execute the **SC-5...SC-8** chase.

**STEP-3** move **【VR-1...VR-8】**

- Select **【CHASE 1】** :  
move **【VR-1...VR-4】** , "SC-1...SC-4" to execute "Chase" mode  
move **【VR-5...VR-8】** , "SC-5...SC-8" to execute "Dimming" mode
- Select **【CHASE 2】** :  
move **【VR-1...VR-4】** , "SC-1...SC-4" to execute "Dimming" mode  
move **【VR-5...VR-8】** , "SC-5...SC-8" to execute "Chase" mode

The dimming value control by MASTER-VR for above chase setting,  
(please refer 2-1 / STEP-2)

**STEP-4** Chase speeding, select the **【SPEED】** to control

**STEP-5** Press **【PROG】** to change the chase direction

## 2-3-2 AUDIO CHASE

**STEP-1** turn **【SPEED】** key to the bottom and feel "click" which appointed to audio.

## 2-4 BLANK

press **【BLANK】** for pause, and press once again back to the normal mode.