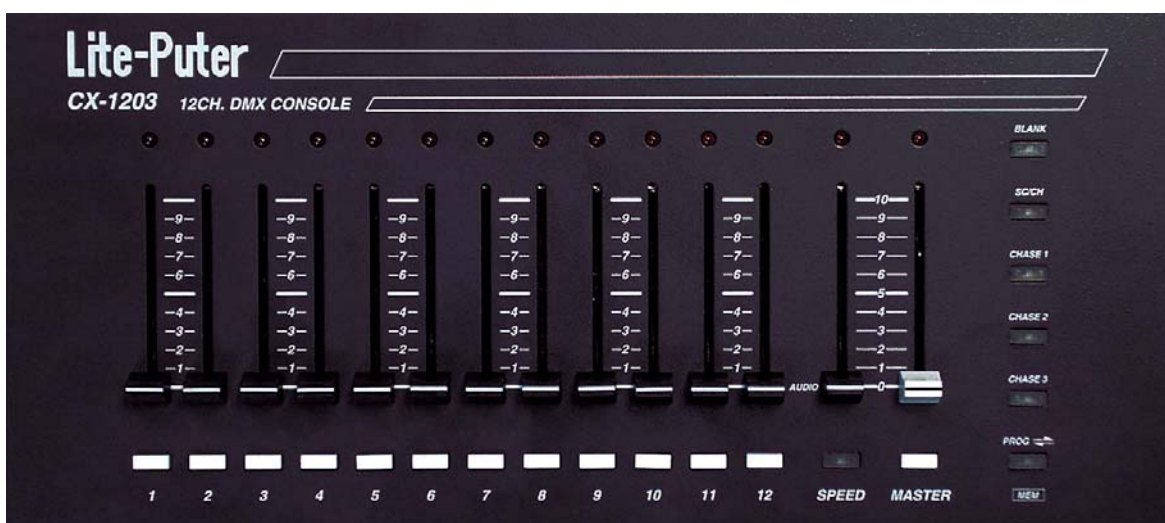


# CX-1203

## 12 Channel DMX Console

### 【User manual】



**Lite-Puter Enterprise Co., Ltd.**

website : [www.liteputer.com.tw](http://www.liteputer.com.tw)

E-mail: [sales@liteputer.com.tw](mailto:sales@liteputer.com.tw)

Distributor:

  
**Techni-Lux**  
[www.techni-lux.com](http://www.techni-lux.com)

Phone: 407-857-8770

Fax: 407-857-8771

Email: [sales@techni-lux.com](mailto:sales@techni-lux.com)

## Chapter 1. CX-1203 Instruction

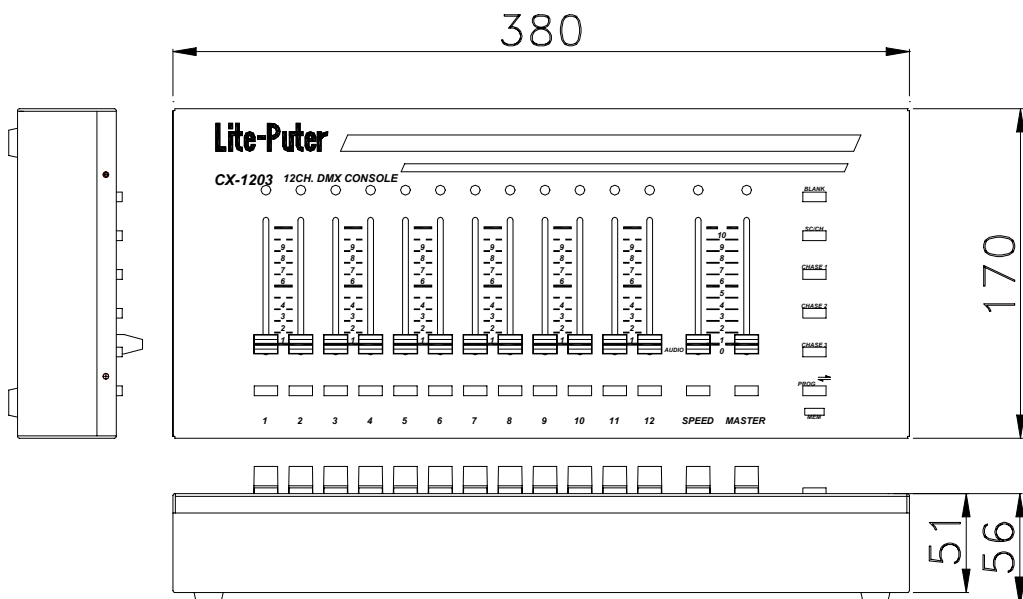
### 1-1 Feature



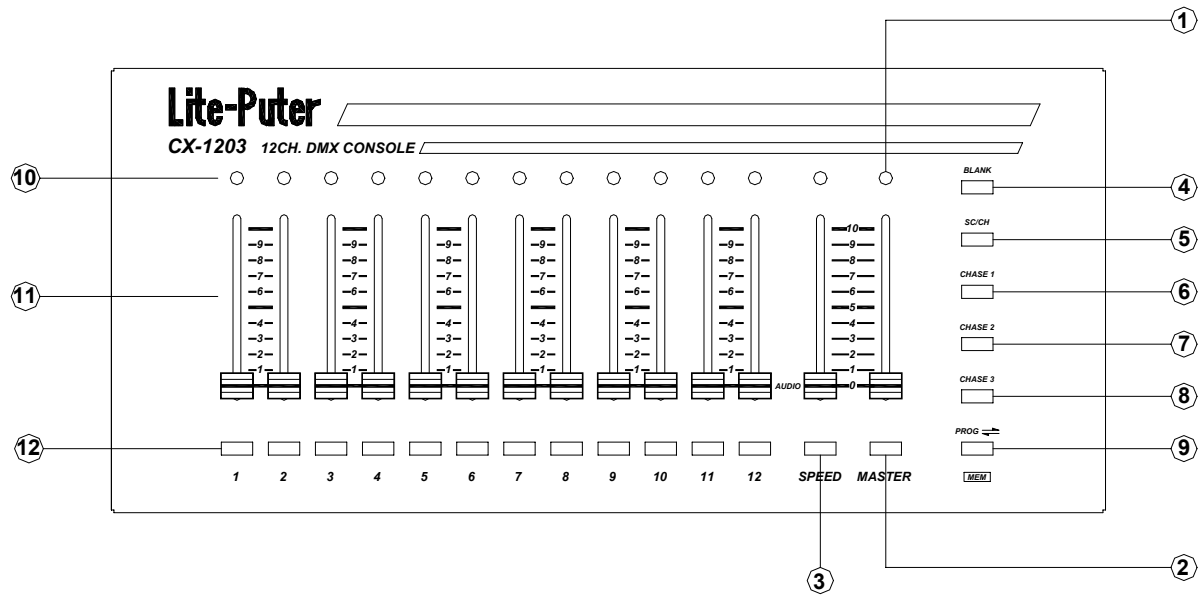
- Standard DMX 512 signal control
- 12 dimming control channel
- 12 control scene setting
- Chaser function:
  - 1.) Channel chase
  - 2.) Scene chase
  - 3.) Fade chase
  - 3.) Speeding control
  - 4.) Chase Function
- Flash
- Audio input

### 1-2 Specification

- |                   |  |
|-------------------|--|
| ■ Power supply    | DC 12V/ 1A                                       |
| ■ Control signal  | DMX512 / 1990                                    |
| ■ Control channel | 12 channel                                       |
| ■ Connector       | XLR 3-pin(x1), XLR 5-pin(x1),phone jack RJ11(x2) |
| ■ Audio input     | Max. input : -10 db 100mV                        |
| ■ Weight          | 1.5 Kg   |
| ■ Dimension       | unit : mm  |

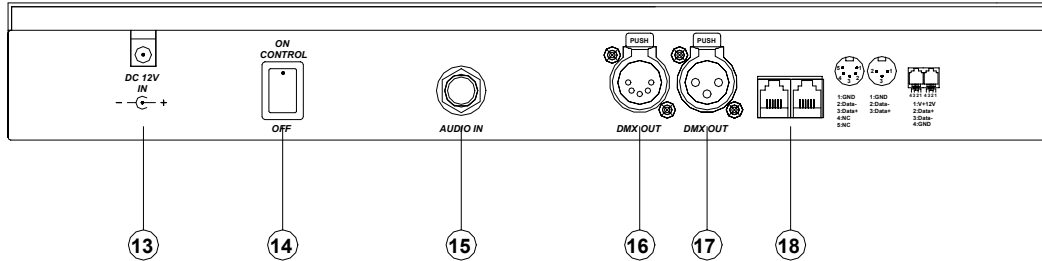


**1-3 CX-1203 Function**



1	<b>MASTER-VR</b>	<b>Master dimming control</b>
2	<b>MASTER</b>	<b>Master Flash control</b>
3	<b>SPEED/ FADE / AUDIO</b>	<b>Audio / Fade chase / speed chase control</b>
4	<b>BLANK</b>	<b>Pause</b>
5	<b>SC/CH</b>	<b>Scene / Channel control</b>
6	<b>CHASE 1</b>	<b>Chase 1</b>
7	<b>CHASE 2</b>	<b>Chase 2</b>
8	<b>CHASE 3</b>	<b>Chase 3</b>
9	<b>PROG</b>	<b>Scene/ Chase direction control</b>
10	<b>LED</b>	<b>Signal display</b>
11	<b>VR-1...VR-12</b>	<ul style="list-style-type: none"> <li>■ <b>Setting 1...12 dimming channel</b></li> <li>■ <b>Recall 1...12 Scene</b></li> </ul>
12	<b>1 ~ 12</b>	<b>Channel / Scene setting / FLASH</b>

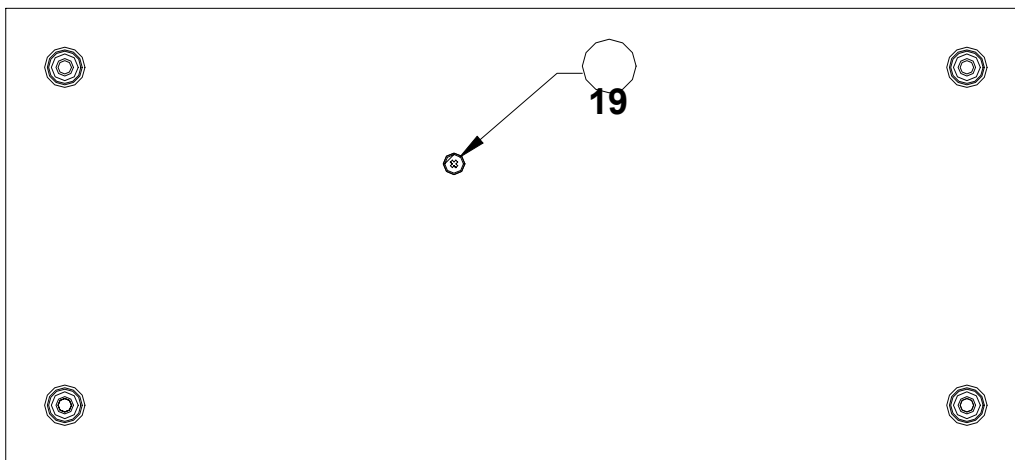
**1-4 CX-1203 Rear panel**



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

**1-5 CX-1203 audio sensitivity control**

19	Audio sensitivity control
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## Chapter 2. CX-1203 operation

### 2-1 SCENE setting

Select **【CH】** mode, and move the fader to set the dimming value  
press **【PROG】** + **【1~12】** 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-12】** to dimming

**STEP-4** press **【PROG】** + **【1...12】** to confirm and save the selection

- 1.) When MASTER-VR in 100%, and the VR-1...VR-12 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-12 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-12, 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-12】**

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...12】**

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	9	10	11	12
STEP 1	●	○	○	○	○	○	○	○	○	○	○	○
STEP 2	○	●	○	○	○	○	○	○	○	○	○	○
STEP 3	○	○	●	○	○	○	○	○	○	○	○	○
STEP 4	○	○	○	●	○	○	○	○	○	○	○	○

repeat

**2. press 【CHASE 2】**

CH.	1	2	3	4	5	6	7	8	9	10	11	12
STEP 1	○	○	○	○	●	○	○	○	○	○	○	○
STEP 2	○	○	○	○	○	●	○	○	○	○	○	○
STEP 3	○	○	○	○	○	○	●	○	○	○	○	○
STEP 4	○	○	○	○	○	○	○	●	○	○	○	○

repeat

**3. press 【CHASE 3】**

CH.	1	2	3	4	5	6	7	8	9	10	11	12
STEP 1	○	○	○	○	○	○	○	○	●	○	○	○
STEP 2	○	○	○	○	○	○	○	○	○	●	○	○
STEP 3	○	○	○	○	○	○	○	○	○	○	●	○
STEP 4	○	○	○	○	○	○	○	○	○	○	○	●

Repeat

**STEP-3** move **【SPEED-VR】** to adjust the speeding of chase

**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.
- press **【CHASE 3】** : to execute the **SC-9...SC-12** chase.

**STEP-3** move **【VR-1...VR-12】**

- Select **【CHASE 1】**  
move **【VR-1...VR-4】** , "SC-1...SC-4" to execute "Chase" mode  
move **【VR-5...VR-12】** , "SC-5...SC-12" 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  
move **【VR-9...VR-12】** , "SC-9...SC-12" to execute "Dimming" mode
- select **【CHASE 3】**  
move **【VR-1...VR-8】** , "SC-1...SC-4" to execute "Dimming" mode  
move **【VR-9...VR-12】** , "SC-9...SC-12" to execute "Chase" mode

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

**STEP-4** move **【SPEED-VR】** to adjust the speeding of chase

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

### **2-3-2 AUDIO CHASE**

**STEP-1** move **【SPEED-VR】** to the bottom which appointed to audio.

### **2-3-3 FADE CHASE**

**STEP-1** : press **【SPEED】** to fade chase. (led of key "on")

## **2-4 BLANK**

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