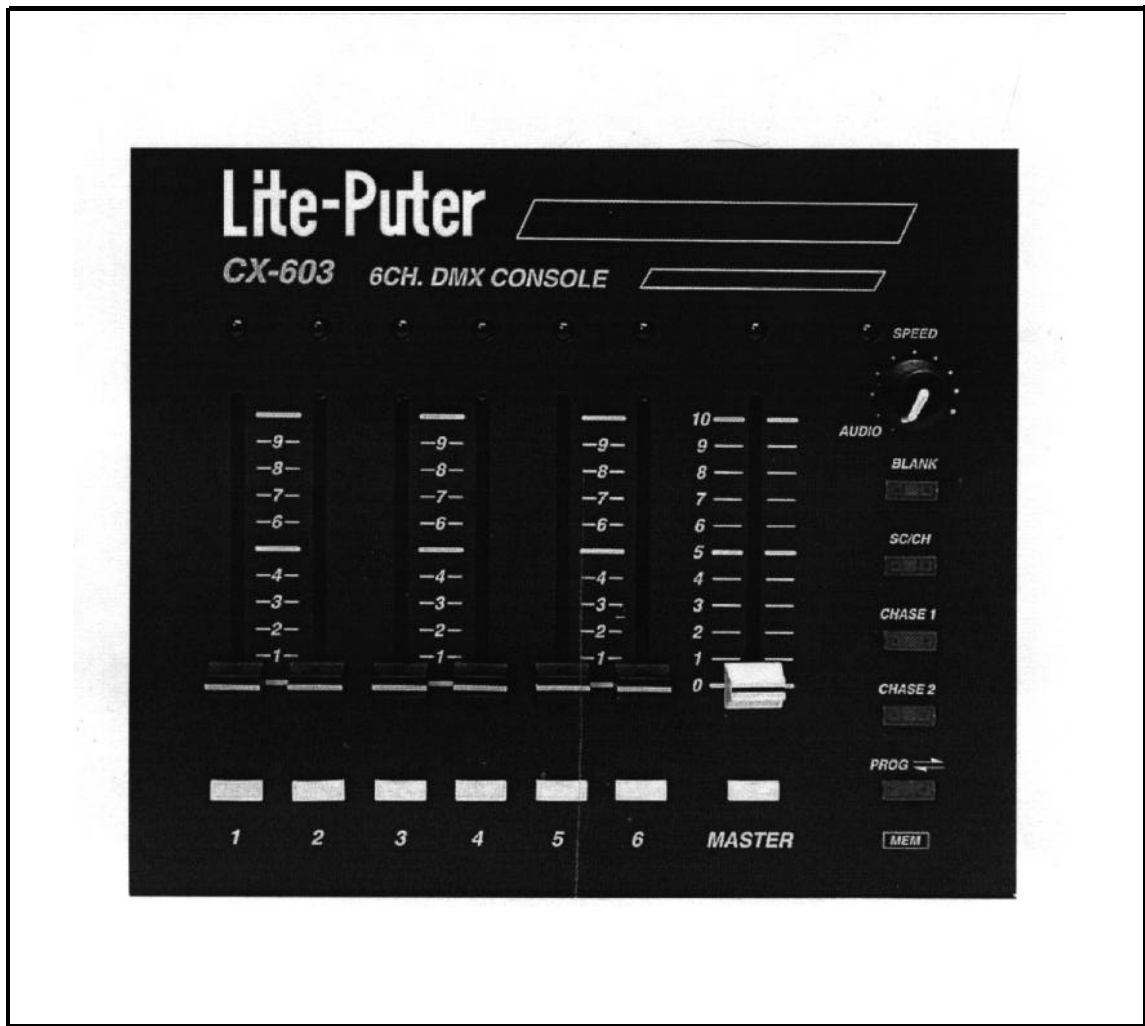


# CX-603

## 6 Channel DMX Console

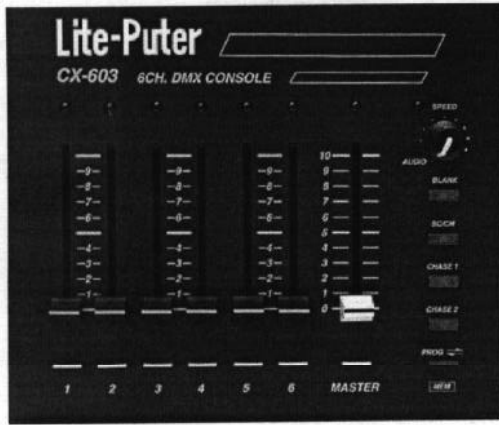
[User manual]



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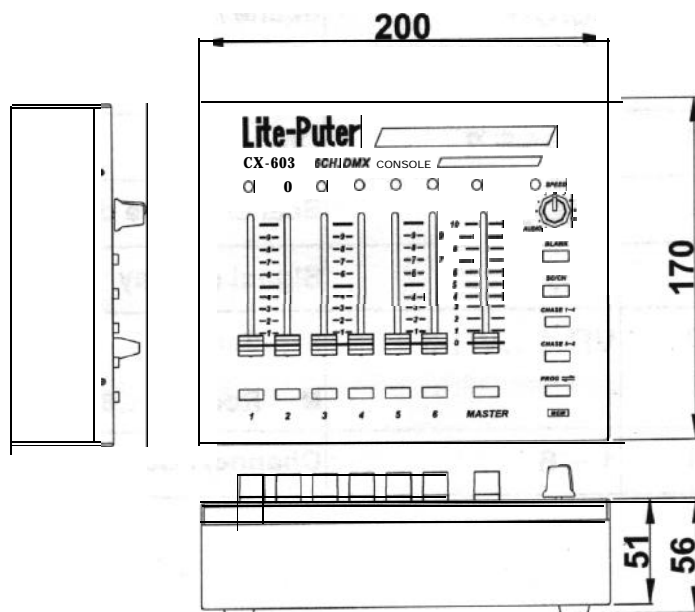
## Chapter 1. CX-603 Instruction

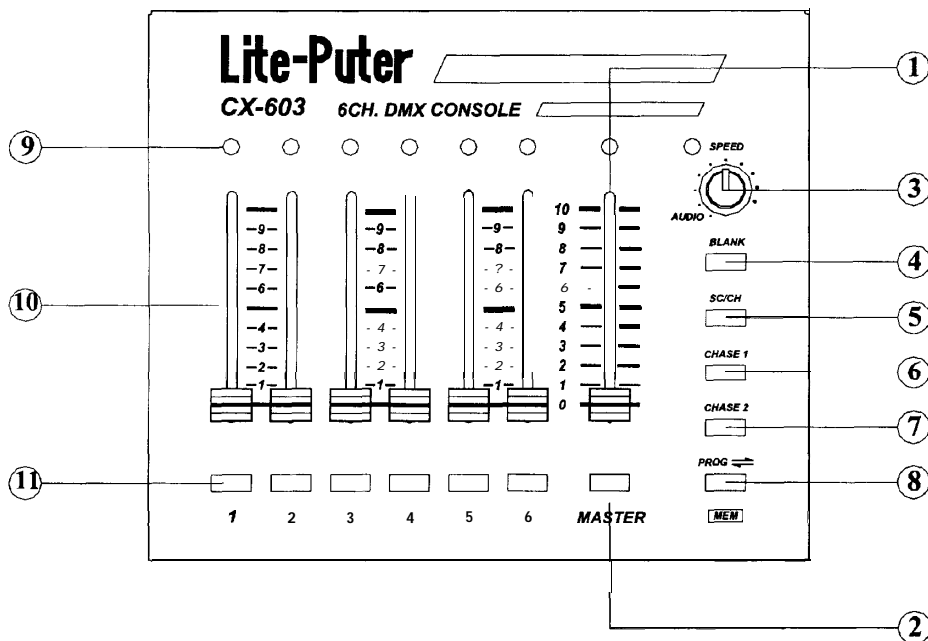
### 1-1 Feature



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

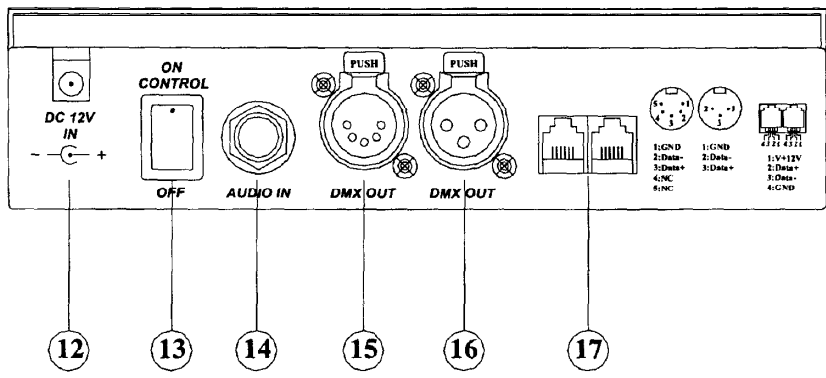
- |                   |  |
|-------------------|--|
| ■ Power supply    | DC 12V/ 1A   |
| ■ Control signal  | DMX512 / 1990                                      |
| ■ Control channel | 6 channel  |
| ■ Connector       | XLR 3-pin(x1), XLR 5-pin(x1), phone jack RJ11 (x2) |
| ■ Audio input     | Max. input : -10 db 100mV                          |
| ■ Weight          | 1.1 Kg   |
| ■ Dimension       | unit 1 mm  |





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-6</b>	<ul style="list-style-type: none"> <li>■ Setting 1...6 dimming channel</li> <li>■ Recall 1...6 Scene</li> </ul>
11	<b>1 - 6</b>	Channel / Scene setting / FLASH

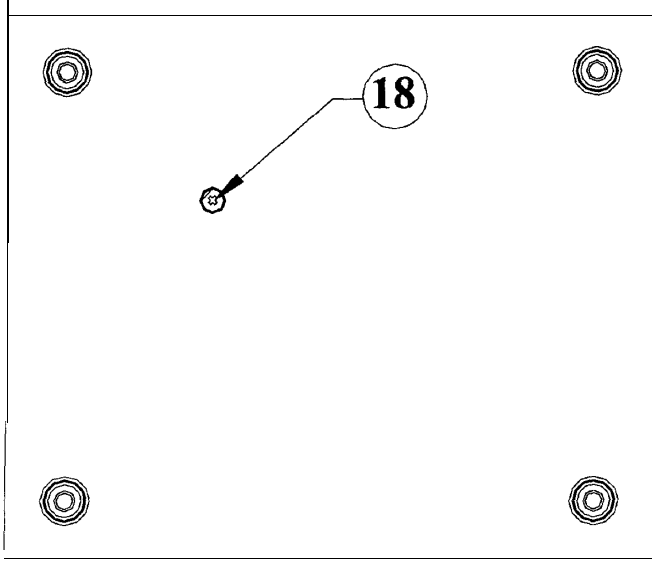
**1-4 CX-603 Rear panel**



12	Power supply: DC 12V / IA
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)

**Audio sensitivity control**

18	Audio sensitivity control
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## Chapter 2. CX-603 operation

Select [CH] mode, and move the fader to set the dimming value  
press [ PROG ] + [ 1~6 ] to save control scene.

(STEP-11) 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-6 ] to dimming

**STEP-4** press [ PROG ] + [ 1.. 6 ] to confirm and save the selection

- 1.) When MASTER-VR in 100%, and the VR-1 . . .VR-6 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-6 in 50% of dimming value, the SCENE total output dimming value will be 25%.

Refer to 2-1 to set up the dimming value of SC-1...SC-6, 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 . . . V R - 6 )

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. . . 6 ]

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
STEP 1	●	○	○	○	○	○
STEP 2	○	●	○	○	○	○
STEP 3	○	○	●	○	○	○
STEP 4	○	○	○	●	○	○
STEP 5	○	○	○	○	●	○
STEP 6	○	○	○	○	○	●

repeat

2. press **[CHASE 2]**:

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

repeat

3. press **[CHASE 1] + [CHASE 2]** :

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

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-3** chase.
- press **[CHASE 2]** : to execute the **SC-4...SC-6** chase.
- press **(CHASE 1) + [CHASE 2]** : to execute the **SC-1...SC-6** chase.

**STEP-3** move **[VR-1...VR-6]**

- Select **[CHASE 1]** :  
move **[ VR-1 . .VR-3 ]** , "SC-1.. SC-3" to execute "Chase" mode  
move **[ VR-4.. .VR-6 ]** , "SC-4.. .SC-6" to execute "Dimming" mode
- Select **[CHASE 2]** :  
move **[ VR-1 . .VR-3 ]** , "SC-1 . . .SC-3" to execute "Dimming" mode  
move **[ VR-4.. .VR-6 ]** , "SC-4.. .SC-6" to execute "Chase" mode
- select **[CHASE 1] + [CHASE 2]** :  
move **[VR-1 . .VR-6]** , "SC-1.. .SC-6" 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.

### Szene Programmieren

- SC/CH Taste auf CH-Modus einstellen (rote LED leuchtet nicht).
- Die gewünschte Szene mit den Fadern 1-6 und dem Masterfader einstellen.
- Mit gleichzeitigen Drücken der Prog-Taste und der Kanal Taste (wahlweise 1-6) speichern.
- Für eine neues Abspeichern einer Szene Vorgang wiederholen.
- Szenen können nur durch Überschreiben gelöscht werden.

### Szene Abrufen

- SC/CH Taste auf SC-Modus durch Drücken einstellen (rote LED leuchtet)
- Die gewünschte Szene über Kanal Fader 1-6 ein- und ausfaden,
- oder über Kanal Taster 1 - 6 ein- und ausblenden.
- Es können auch mehrere Szenen gleichzeitig verwendet werden.

### Chaser

- SC/CH Taste auf CH-Modus einstellen (rote LED leuchtet nicht)
- Masterfader auf gewünschte Position (0 - 100%) stellen.
- Chaser 1 **und/oder** Chaser 2 wählen.

### Chaser mit Szenen

- SC/CH Taste auf SC-Modus durch Drücken einstellen (rote LED leuchtet).
- Chaser 1 für Szene eins, zwei und drei **und/oder** Chaser 2 für Szene vier, fünf und sechs wählen.
- Kanal Fader der gewünschten und möglichen Szenen aufziehen. (Master 100%)
- Chaser (Lauflicht) zwischen den Szenen läuft im eingestellten Takt oder musikgesteuert.

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