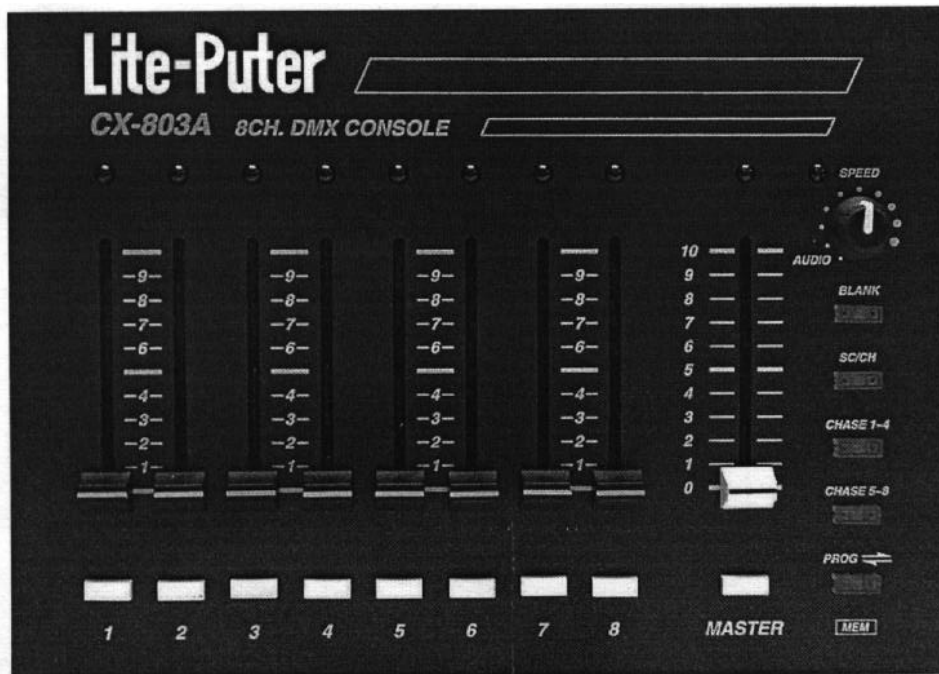


CX-803A

8 Channel DMX Console

[User manual]



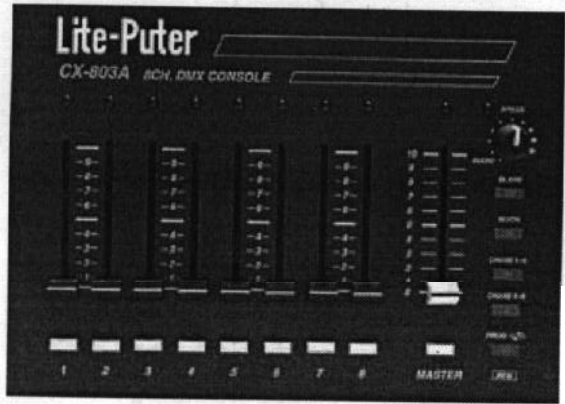
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Chapter 1. CX-803A Instruction

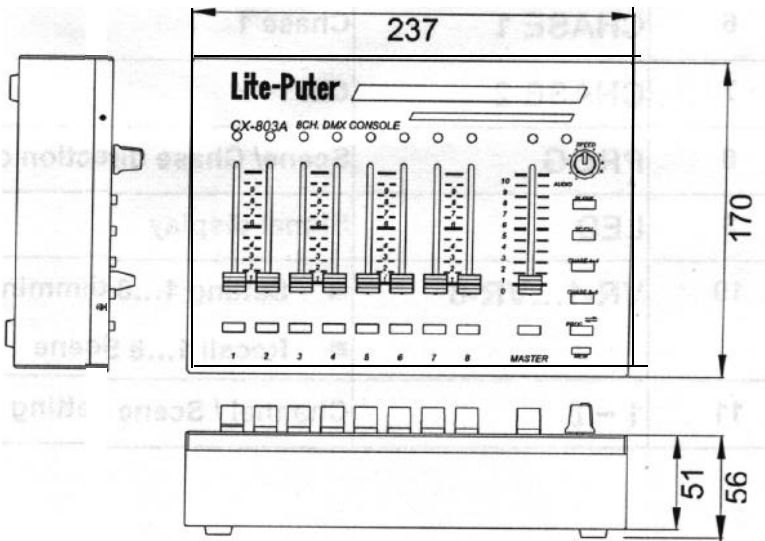
1-1 Feature



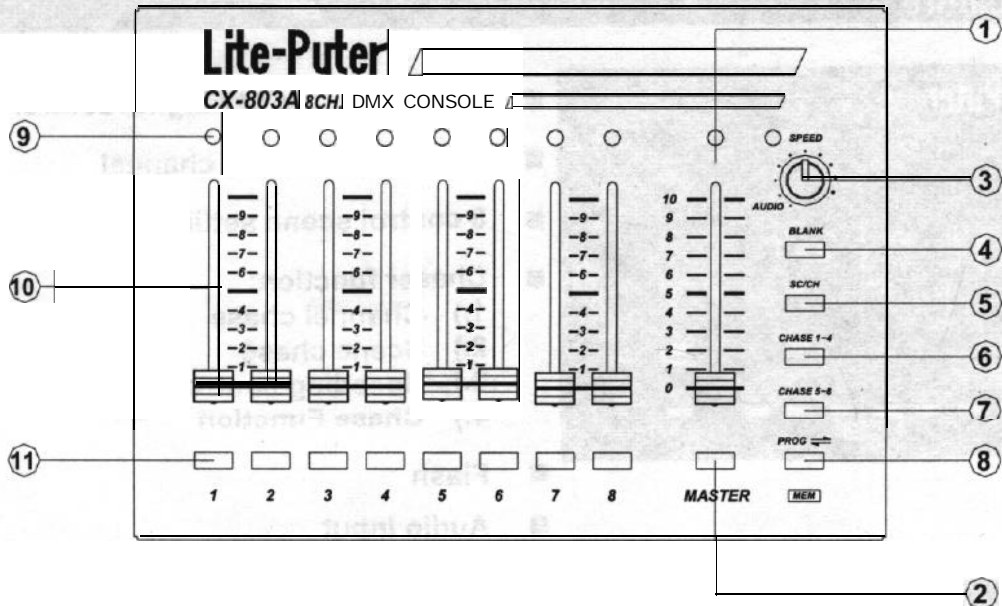
- Standard DMX 512 signal control
- 8 dimming control channel
- 8 control scene setting
- Chaser function:
 - 1.) Channel chase
 - 2.) Scene chase
 - 3.) Speeding control
 - 4.) Chase Function
- Flash
- Audio input

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 |

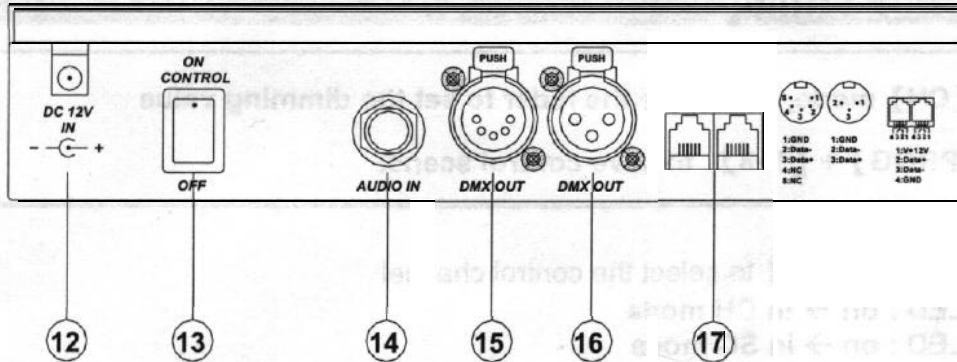


1-3 CX-803A Function



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

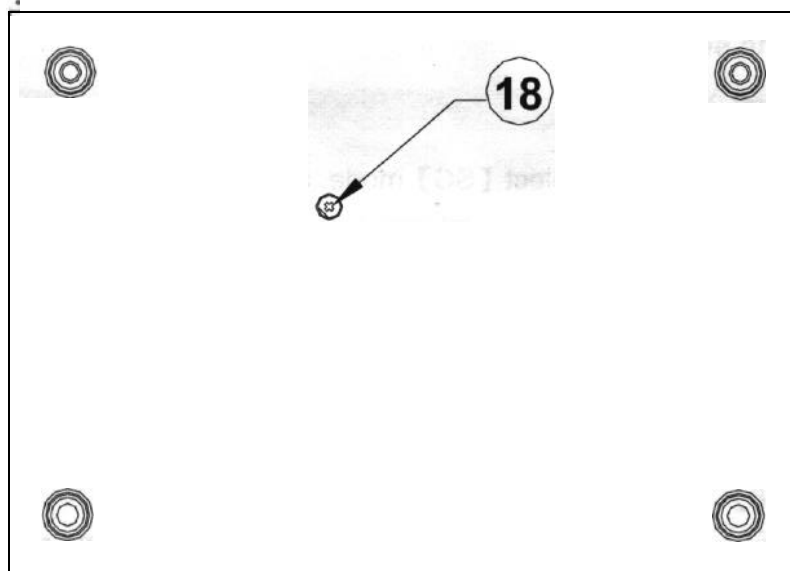
1-4 CX-803A Rear panel



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)

1-5 CX-803A audio sensitivity control

18	Audio sensitivity control
----	---------------------------



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%.

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.

(1) Internal chase setting (SPEED CHASE)

(2) Audio input control (AUDIO)

2-3-I 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-4 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

Z-3-2 AUDIO CHASE

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

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 1-4 und dem Masterfader einstellen.
- Mit gleichzeitigen Drücken der Prog-Taste und der Kanal Taste (wahlweise 1-8) 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 1-8 ein- und ausfaden,
oder über Kanal Taster 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, drei und vier **und/oder** Chaser 2 für Szene fünf, sechs, sieben und acht wählen.
- Kanal Fader der gewünschten und möglichen Szenen aufziehen. (Master 100%)
- Chaser (Lauflicht) zwischen den Szenen läuft im eingestellten Takt oder musikgesteuert.