

ECP-103J

DMX Dimming Controller

【USER MANUAL】



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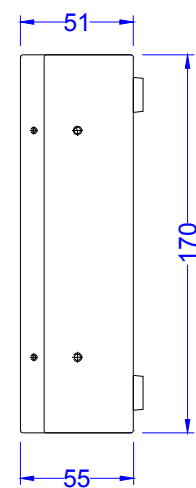
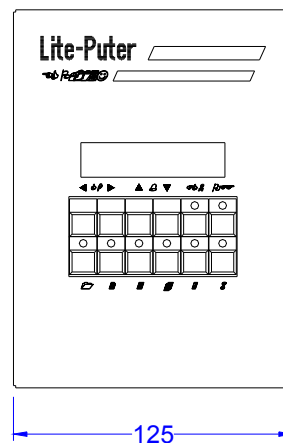
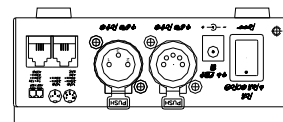
Chapter 1. Introduction

1.1 Feature

- Standard DMX 512 signal control
- Press **【1...6】** key to loading the chase setting (hot key)
- Chaser function:
 1. Chaser function
 2. Speeding of chaser
- Color mix
- LCD display
- Control key lock / unlock function
- Timing edit and modify
- Time preset / auto execution
- Save up to 40 scenes memory
- 6 set of chaser memory, up to 24 step per set

1.2 Specification

- Power supply : DC12V/1A
- Control signal : DMX512
- Control channel : 60 channel
- Connector :
XLR 3pin (x1), XLR 5pin(x1), phone jack RJ11 (x2)
- Dimension :
125(W) x 170(H) x 55(D) mm
- Weight : 1.5 kg



Chapter 2. ECP-103J Operation

IMPORTANT: PRIOR TO USE, CHARGE BATTERIES FOR 8 HOURS

2.1 CONTROL KEY lock / unlock

STEP-1

Press **[FCN]** + **[OFF]** + **[◀]** + **[▶]** key to lock / unlock buttons **[FCN]** · **[◀]** · **[▶]** · **[▲]** · **[▼]**

2.2 SCENE setting

2.2.1 Scene setting

STEP-1

Press **[FCN]** key then press **[▲]** or **[▼]** and select F1

→F1 : MODIFY CH
F2 : EDIT CHASER

STEP-2

Press **[FCN]** key to adjust the dimming value

CH 01 ----- > 0%

STEP-3

Press **[▶]** or **[◀]** to select the control channel, and press **[▲]** or **[▼]** to adjust the dimming value

STEP-4 :

Press **[FCN]** key to save, and press **[▲]** or **[▼]** to select the store SC:001 ~ SC:040 , and press **[1]** to save, press **[2]** to skip

RECORD TO SC:001
1: YES, 2: NO

2.2.2 Scene Loading

STEP-1

Press **[FCN]** key and press **[▲]** or **[▼]** to select **F8**

→F8: LOAD SC
F9: CHASER MODE

STEP-2

Press **【FCN】** key for scene loading

STEP-3

Press **【▲】** or **【▼】** to select SC:001~SC:040 ,and press **【FCN】** for scene loading

LOAD SC: 001

2.3 CHASER Edit & Modify

2.3.1 CHASER Loading

Press **【1】** ~ **【6】** for chaser loading

2.3.2 CHASER Edit & Modify

STEP-1

Press **【FCN】** key and press **【▲】** or **【▼】** to select **F2**

F1 : MODIFY CH
→F2 : EDIT CHASER

STEP-2

Press **【FCN】** key for chaser modify

EDIT CHASER: 001
1.NEXT, 2.QUIT

STEP-3

Press **【▲】** or **【▼】** to select CHASER01~CHASER06, and press **【1】** to edit or press **【2】** to skip.

STEP-4

Select **【▶】** or **【◀】** STEP01~24, and **【▲】** or **【▼】** SC01~SC40 , press **【FCN】** to save and quit

STEP 01=SC 001
Press 'Fnc' quit

Warning ! after save, the scene of chaser will be delete, be sure before you modify.

2.4 CHASER SPEED and KEEP TIME setting & modify

2.4.1 Feature 1

STEP-1

Press **【1】** ~ **【6】** to select the CHASER

STEP-2

Press **【FCN】** key and press **【▲】** or **【▼】** to select **F7**



STEP-3

Press **【FCN】** key for CHASER SPEED and KEEP TIME modify

STEP-4

Press **【▲】** or **【▼】** for CHASER SPEED modify 0.1 Sec. ~99 Min. ; Press **【◀】** or **【▶】** for KEEP TIME modify 0.1 Sec. ~10 Sec. , and press **【FCN】** key to save



※ Regarding to CHASE SPEED & KEEP TIME , please refer to figures of page 7 .

2.4.2 Feature 2

STEP-1

Press **【1】** ~ **【6】** to select CHASER .

STEP-2

Press **【▲】** or **【▼】** for CHASER SPEED modify 0.1 Sec. ~99 Min. ; Press **【◀】** or **【▶】** for KEEP TIME modify 0.1 Sec. ~10 Sec. , and press **【FCN】** key to save



※ Regarding to CHASE SPEED & KEEP TIME , please refer to figures of page 7 .

2.5 CHASER MODE and FADE Setting & Modify

STEP-1

Press **【1】** ~ **【6】** to CHASER.

STEP-2

Press **【FCN】** key , and press **【▲】** or **【▼】** to select **F9**

F8: LOAD SC
→F9: CHASER MODE

STEP-3

Press **【FCN】** to CHASER MODE and FADE ON/OFF ◦

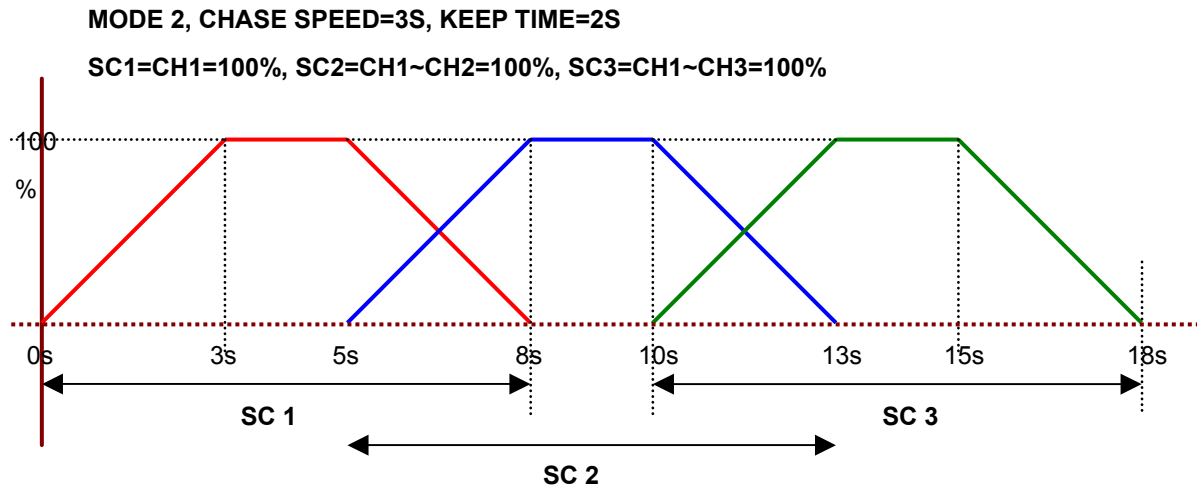
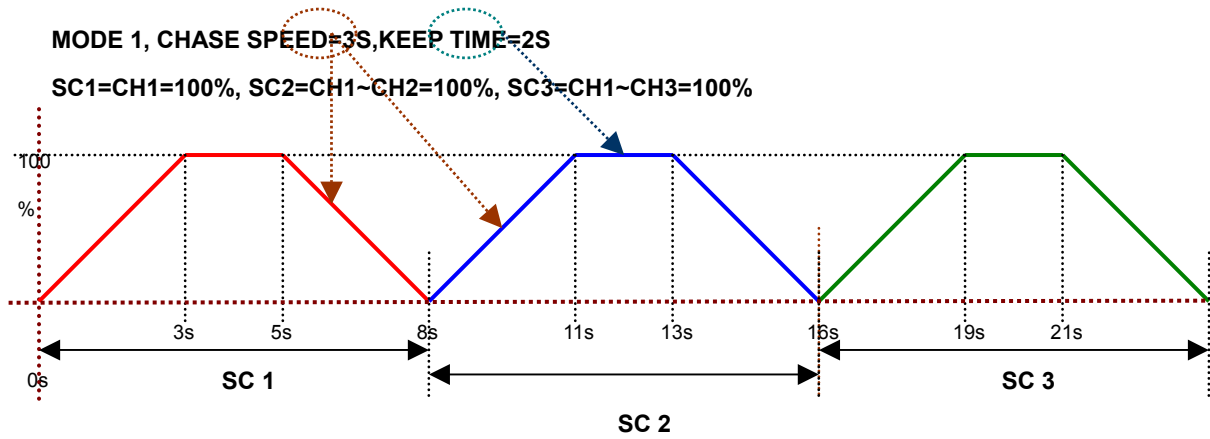
STEP-4

Press **【▲】** or **【▼】** to choose chaser mode ; to press **【◀】** or **【▶】** to choose

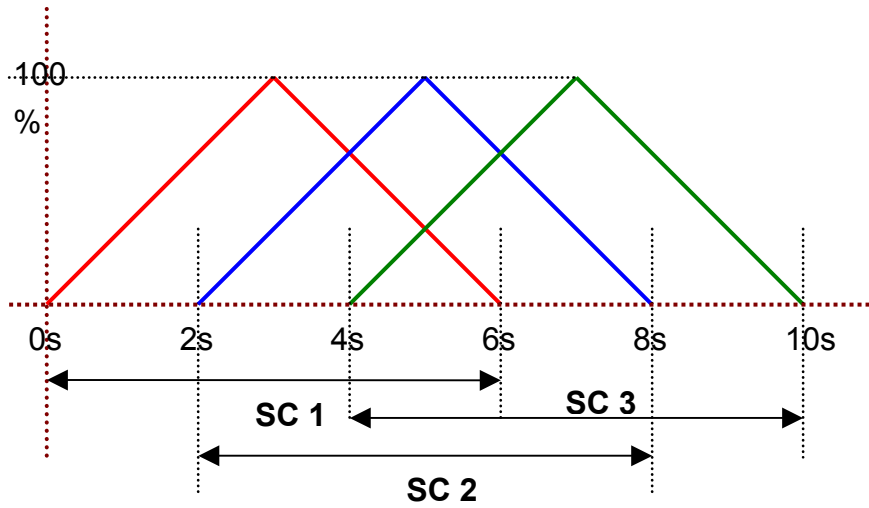
Fade on or **off**. press **【FCN】** to save

CHASER MODE: 01 ▲▼
FADE: ON, OFF ◀▶

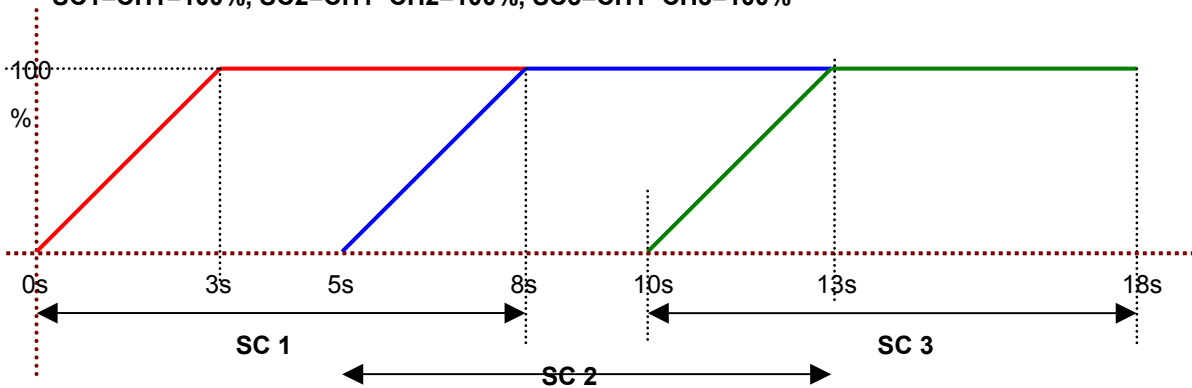
Re : 4 different of color mix type



MODE 3, CHASE SPEED=3S, KEEP TIME=2S(unavailable)
SC1=CH1=100%, SC2=CH1~CH2=100%, SC3=CH1~CH3=100%



MODE 4, CHASE SPEED=3S, KEEP TIME=2S
SC1=CH1=100%, SC2=CH1~CH2=100%, SC3=CH1~CH3=100%



2.6 TIMER setting and modify

2.6.1 TIMER Switch on / off

STEP-1

Press **【FCN】** key, and press **【▲】** or **【▼】** to select **F6**

```
→F6:TIMER ON/OFF
  F7:CHASER SPEED
```

STEP-2

Press **【FCN】** key for TIMER ON/OFF selection

STEP-3

Press **【◀】** or **【▶】** to select ON or OFF, and press **【FCN】** key to save

```
TIMER: ON, OFF
```

!! After entering **TIMER : ON**, a letter **“T”** twinkles at the right bottom on LCD display.

2.6.2 TIMER setting

STEP-1

Press **【FCN】** key, and press **【▲】** or **【▼】** to select **F4**

```
→F4:EDIT TIMER
  F5:MODIFY CLOCK
```

STEP-2

Press **【FCN】** for TIMER EDIT

```
==== END ====
<,-> REVIEW DAT
```

```
==== END ====
2DEL 3ADD 4EDIT
```

STEP-3

Press **【3】** to add TIMER.

STEP-4

Press **【▲】** or **【▼】** to adjust hour of TIME

```
TIME=00:00,MOD=1
CHS=00 , SPD=0.1S
```

STEP-5

Press **【▶】** for next setting, and press **【▲】** or **【▼】** to adjust minute of TIME

```
TIME=00:00,MOD=1
CHS=00, SPD=0.1S
```

STEP-6

Press **【▶】** for next setting: and press **【▲】** or **【▼】** to adjust mode no.

```
TIME=00:00, MOD=1
CHS=00, SPD=0.1S
```

STEP-7

Press **【▶】** for next selecting, press **【▲】** or **【▼】** to adjust chase no.

```
TIME=00:00, MOD=1
CHS=00, SPD=0.1S
```

STEP-8

Press **【▶】** for next selecting, press **【▲】** or **【▼】** to adjust SPD

```
TIME=00:00,MOD=1
CHS=00, SPD=0.1S
```

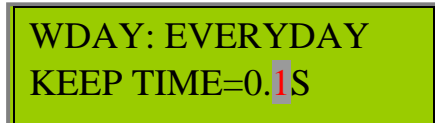
STEP-9

Press **【▶】** for next selecting of the date , then press **【▲】** or **【▼】** to choose the date
(execution mode)

```
WDAY:EVERYDAY
KEEP TIME=0.1S
```

STEP-10

Press **▶** for next selecting of KEEP TIME , then press **▲** or **▼** to select the time °



WDAY: EVERYDAY
KEEP TIME=0.1S

Remark : 4 type of execution mode

Diary execution: EVERYDAY

Weekday execution: MON.-FRI.

Weekend execution: SAT.-SUN.

Sunday execution: SUNDAY

STEP-11

Press **FCN** to save to skip.

2.6.3 TIMER modify

STEP-1

Press **【FCN】** key and press **【▲】** or **【▼】** to adjust to select **F4**

F3:MAXIMUM CH
→F4:EDIT TIMER

STEP-2

Press **【FCN】** for TIMER EDIT.

==== END ====
<-,> REVIEW DAT

==== END ====
2DEL 3ADD 4EDIT

STEP-3

Press **【◀】** or **【▶】** to select the TIMER, and press **【4】** for modify

STEP-4

Press **【◀】** or **【▶】** to select, and press **【▲】** or **【▼】** to adjust (please refer to 2.6.2)

STEP-5

Press **【FCN】** to confirm and save the setting

2.6.4 TIMER Delete

STEP-1

Press **【FCN】** key and pres **【▲】** or **【▼】** to select **F4**

→F4:EDIT TIMER
F5:MODIFY CLOCK

STEP-2

Press **【FCN】** key for TIMER EDIT.

STEP-3

Press [◀] or [▶] to select the TIMER , press [2] to delete

TIME=00:00
CHS=00 , SPD=0.1S

STEP-4

press [1] to confirm and save the setting, or [2] to skip

DEL THIS TIMER?
1: YES, 2: NO

2.6.5 System timing modify

STEP-1

Press [FCN] key and press [▲] or [▼] to select F5

F4:EDIT TIMER
→F5:MODIFY CLOCK

STEP-2

Press [FCN] key to modify

STEP-3

Press [▶] or [◀] to select the one to modify . Press [▲] or [▼] for date and time modify

03' FEB , 12 , WED.
11:29:14

STEP-4

Press [FCN] key to confirm and save

2.7 CONTROL CHANNEL setting

2.7.1 Max. control channel setting

STEP-1

Press **[FCN]** key and press **[▲]** or **[▼]** to select F3



STEP-2

Press **[FCN]** to enter the mode of MAXIMUM CH 7

STEP-3

Press **[▲]** / **[▼]** / **[◀]** / **[▶]** to modify channel.



2.7.2 Control channel switch

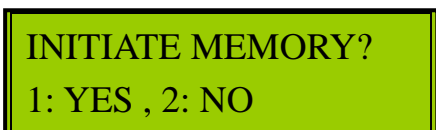
STEP-1

Press **[OFF]** to shut down

2.8 MEMORY DEFAULT

STEP-1

To Power off . Press and hold keys **[▲]** + **[▼]** + **[FUN]** + **[OFF]** together, in the mean time, power on until you see following message :



STEP-2

Press 1 or 2 to select

Remark : suggest to initiate memory for the first time use