

# *ECP-103 / ECP-103A*

*( FOR ECP-103J SOFTWARE )*

**Environmental lighting Control panel**

## **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**

- DMX signal input / output: DMX-512
- DMX connector: 6P4C Phone Jack
- Dimension: 116(W) x 120(H) x 45(D)mm
- Installation size: 97(W) x 75(H)
- Weight: 280 g

## Chapter 2. Operation

### 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**

F7:CHASER SPEED  
F8: LOAD SC

**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

CHASE SPEED=0.1S  
KEEP TIME=0.1S ◀▶

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

CHASE SPEED=0.1S  
KEEP TIME=0.1S ◀▶

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。

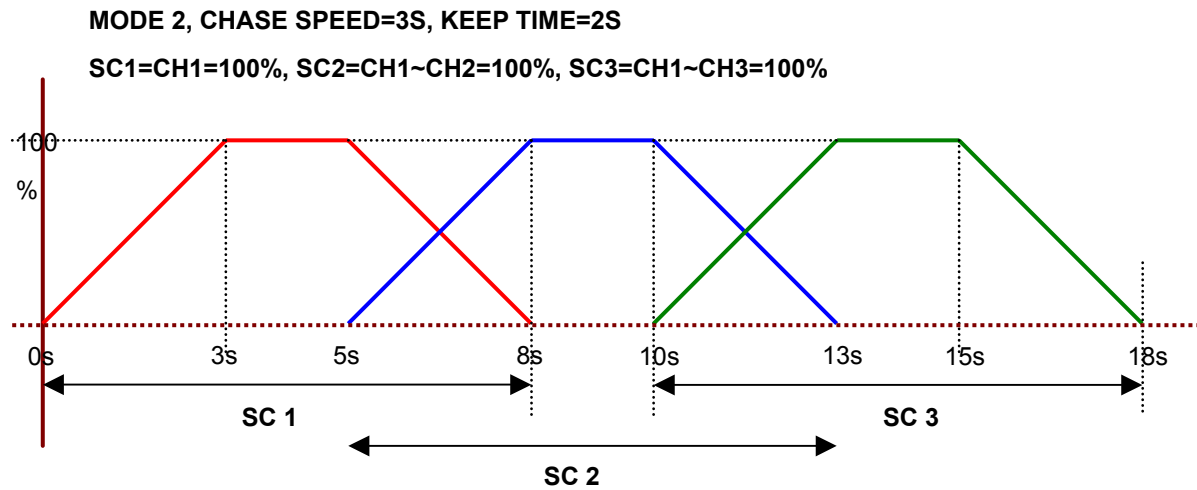
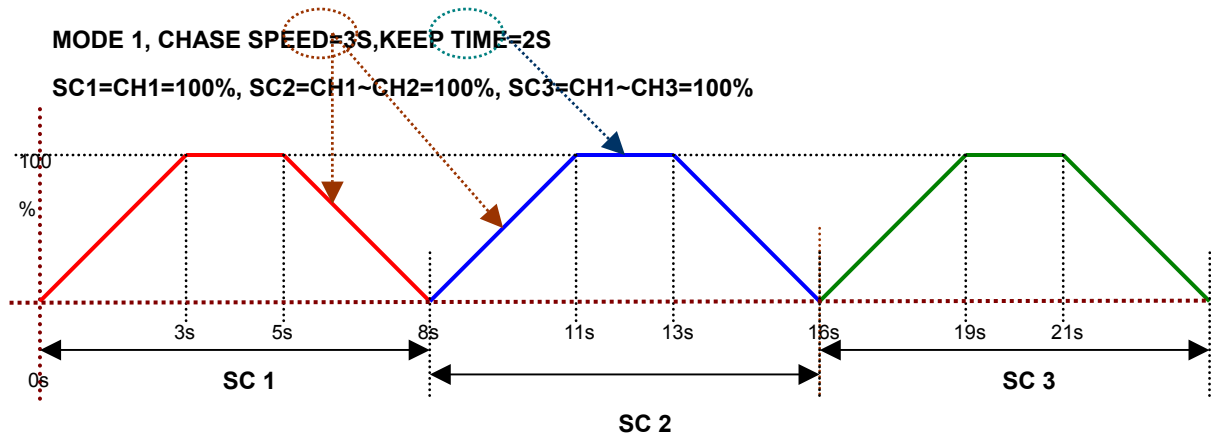
### STEP-4

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

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

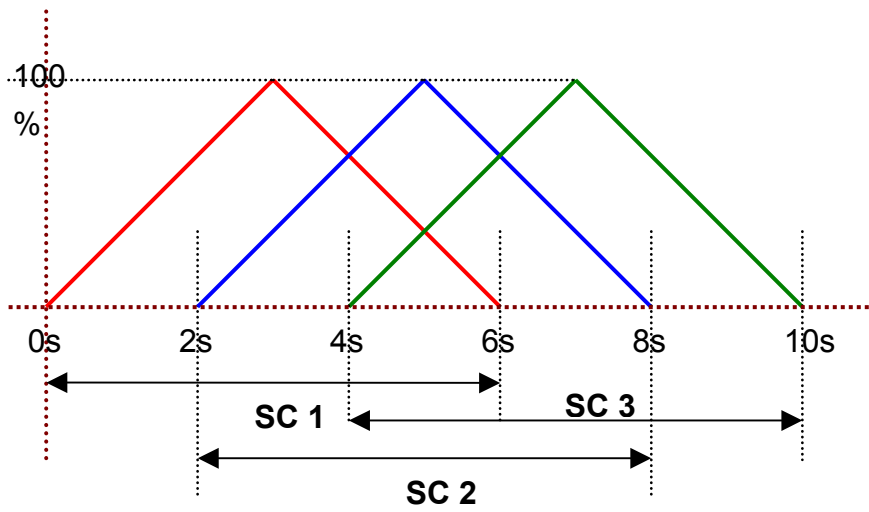
CHASER MODE: 01 ▲▼  
FADE: ON, OFF ◀▶

**Re : 4 different of color mix type**

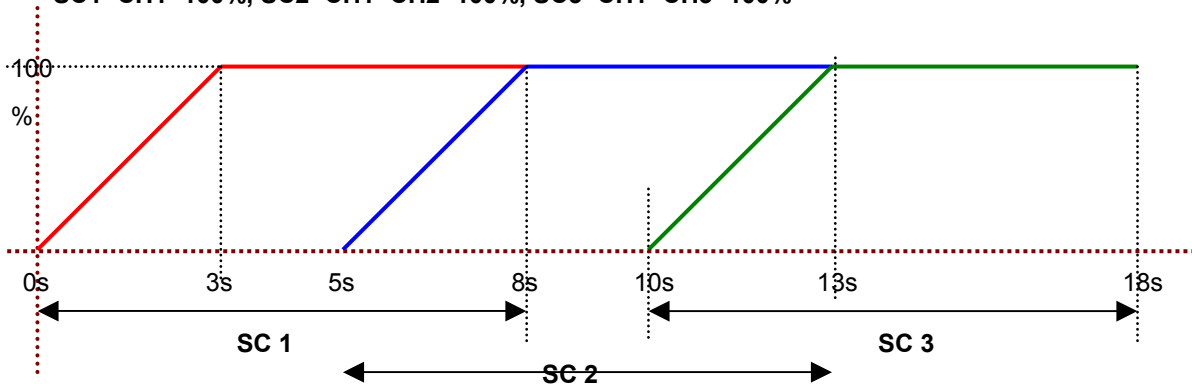




**MODE 3, CHASE SPEED=3S, KEEP TIME=2S(unavailable)**  
**SC1=CH1=100%, SC2=CH1~CH2=100%, SC3=CH1~CH3=100%**



**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=0**0**:00,MOD=1  
CHS=00 , SPD=0.1S

**STEP-5**

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

TIME=00:0**0**,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=**0**0, SPD=0.1S

**STEP-8**

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

TIME=00:00,MOD=1  
CHS=00, SPD=0.**1**S

**STEP-9**

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

WDAY:**E**VERYDAY  
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

F3:MAXIMUM CH  
F4:EDIT TIMER

**STEP-2**

Press **【FCN】** to enter the mode of MAXIMUM CH 7

**STEP-3**

Press **【▲】 / 【▼】 / 【◀】 / 【▶】** to modify channel.

MAXIMUM CH: 006

**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 :

INITIATE MEMORY?  
1: YES , 2: NO

**STEP-2**

Press 1 or 2 to select

**Remark : suggest to initiate memory for the first time use**