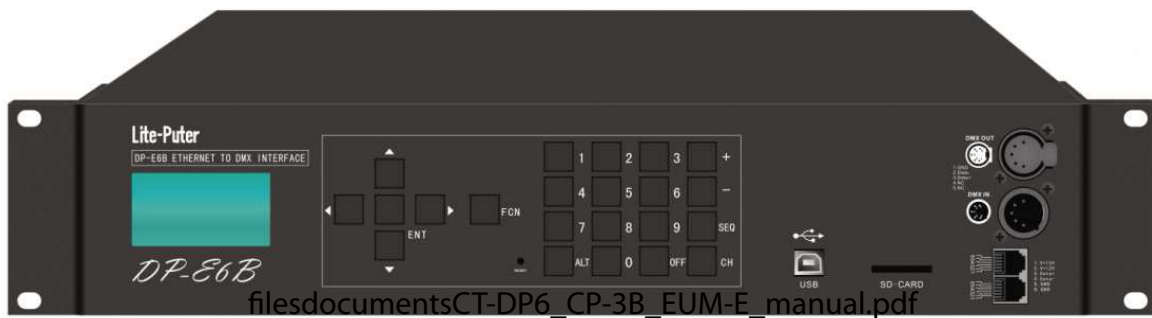


DP-E6B

Ethernet to DMX Interface

【User Manual】



Lite Puter Enterprise Co., Ltd.

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Chapter One Introduction

1-1 Feature

- It accepts/outputs DMX-512 signal and controls 512 channels. It can monitor DMX-512 signal status from DMX OUT/IN MONITOR function.
- It accepts ECP series control panel and CP-2B/CP-3B control panel's control.
- It can save/recall 896 scenes and each scene can control up to 512 channels.
- It can set each scene's fade in/fade out time.
- It can set accept/refuse DMX input.
- It can set 128 zones.
- It has LCD display and easy to operate.
- It has timer function and can set astronomical timer and calendar timer.
- Its memory is 8M and it can be expanded to 16G by SD card; it also can accept SDHC.
- It can work with Lite-Puter's home lighting software.
- The data can be saved to memory or SD card, or be copied to PC from USB port.
- Its data (device setting, scene setting, timer setting and patch setting) can be updated by SD card or other flash memory.

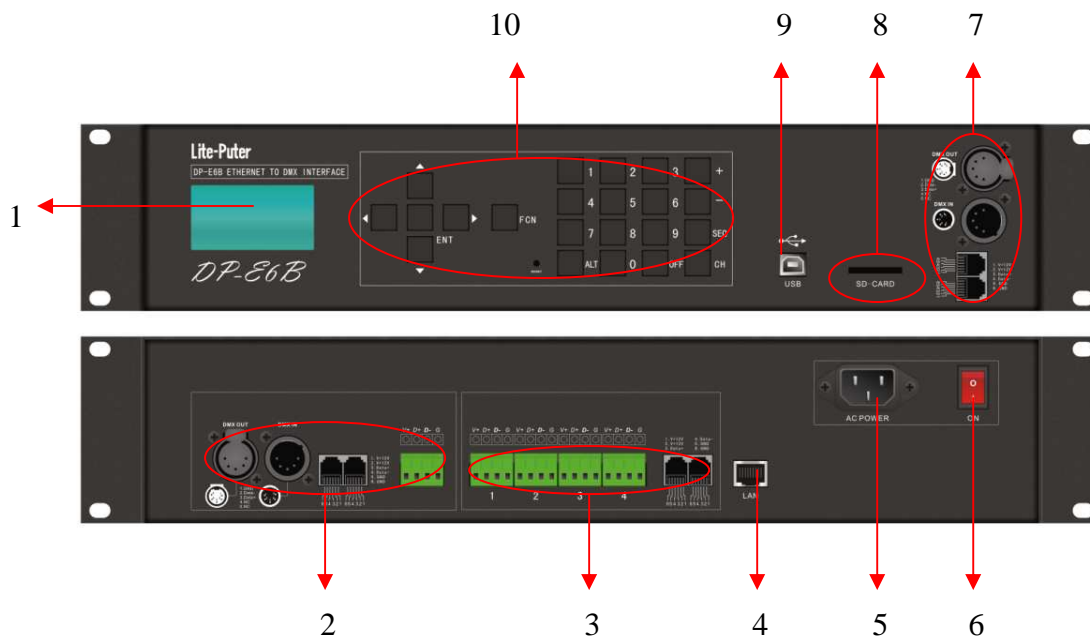
1-2 Specification

- Power supply: AC 90 – 240V, 45-63 Hz
- Signal input: DMX-512, EDX
- Signal output: DMX-512
- Signal connector: 4PIN green terminal, PHONE JACK (RJ11) , XLR 5-PIN
- Dimension: 482(W) X 88 (H) X 112(D) mm
- Weight: 2Kg

1-3 Dimension

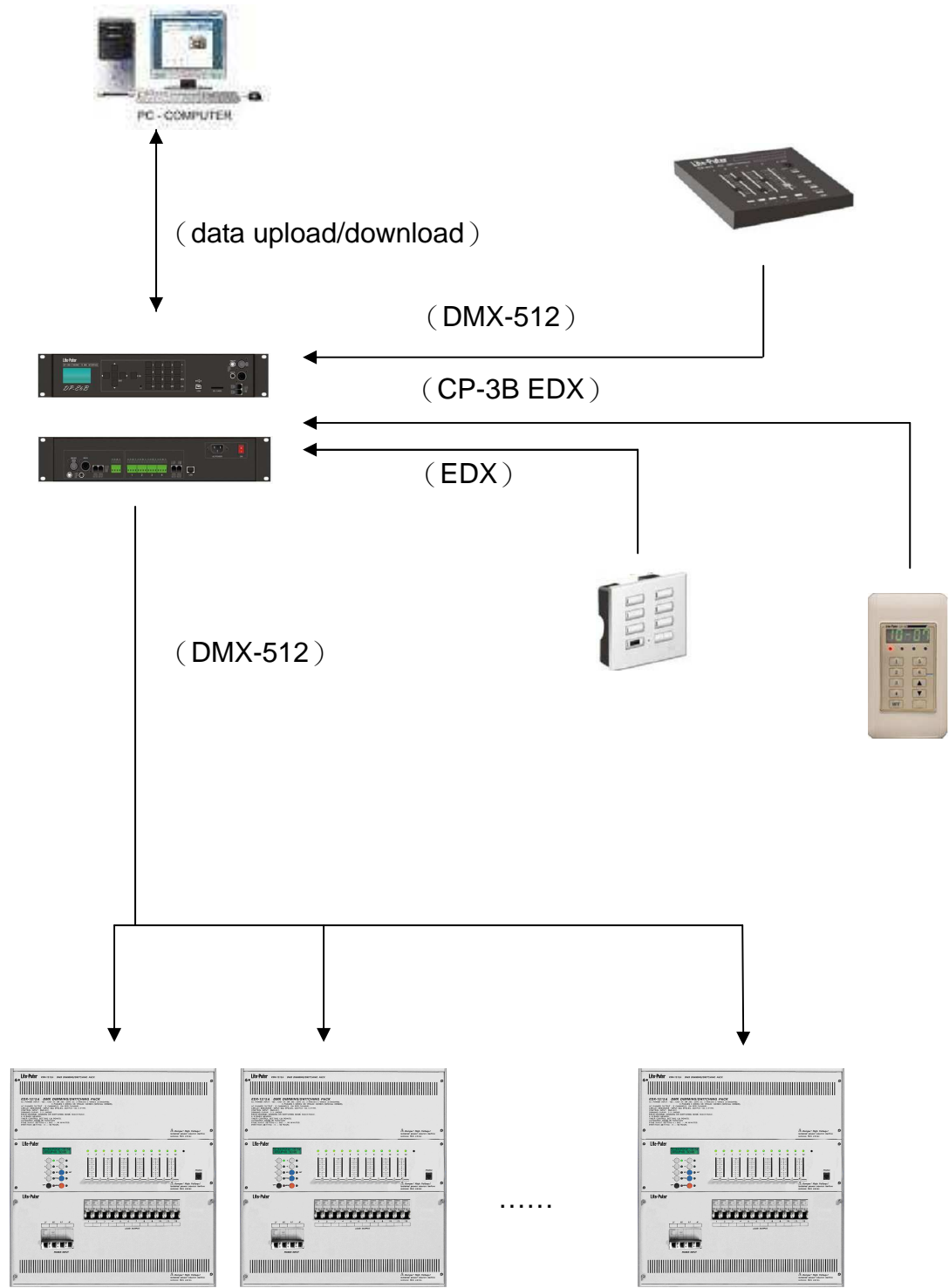


1-4 Function



1	LCD display	2	DMX signal output terminal
3	DMX/EDX signal input terminal	4	Ethernet port
5	Power supply: AC 90 – 240V	6	Power on/off
7	DMX signal output terminal	8	SD card port
9	USB port	10	Number/function key

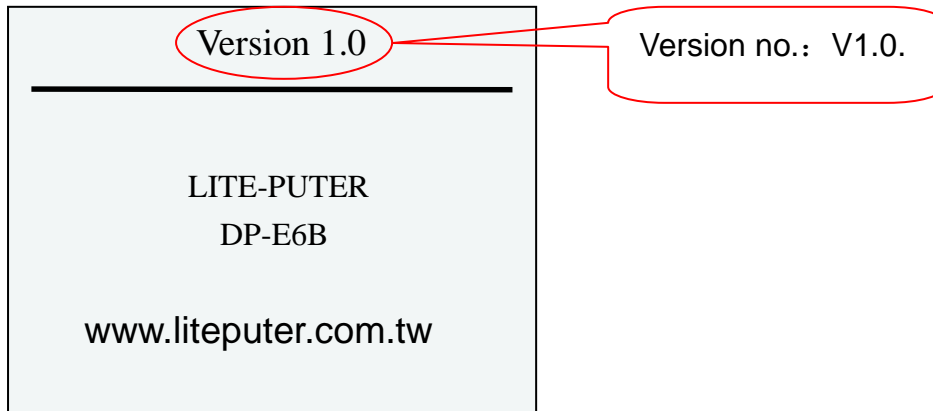
1-5 System Diagram



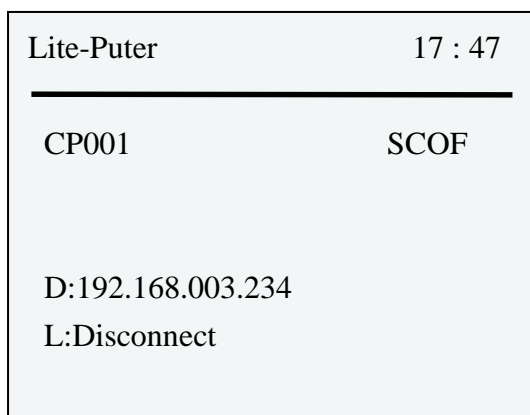
Chapter Two Operation

2-1 Software Version Check

After turning on the device and LCD shows,



It will shift to main page after 3 seconds and LCD shows,



2-2 Channel Edit

Channel group: a group that include several contious/discontious channels is called a channel group.

On usual , user only can edit one channel at one time but with channel group function , user can edit several channels at one time.

STEP-1 On the main page, press **【FCN】** to enter function menu and LCD shows,

Lite-Puter	17 : 47
<hr/>	
▶F1	: CHANNEL EDIT
F2	: SCENE EDIT
F3	: DMX IN MONITOR
F4	: DMX OUT MONITOR
F5	: DMX IN CONFIG
F6	: ASTRO TIMER

STEP-2 Press **【▲】** or **【▼】** to select F1 and LCD shows,

Lite-Puter	17 : 47
<hr/>	
▶F1	: CHANNEL EDIT
F2	: SCENE EDIT
F3	: DMX IN MONITOR
F4	: DMX OUT MONITOR
F5	: DMX IN CONFIG
F6	: ASTRO TIMER

STEP-3 Press **【ENT】** to check the channel and LCD shows,

CH	+/-:mul-sel	17 : 47
<hr/>		
C001	NC 00 01 05 82 %	
C006	99 FL NC 00 01	
C011	NC 00 01 05 82	
C016	NC 00 01 05 82	
C021	NC 00 01 05 82	
C026	NC 00 01 05 82	

Press **【▲】** or **【▼】** to check all 512 channel's dimming value.

CH	+/-:mul-sel	17 : 47
<hr/>		
C511	NC NC	%

NC means the channel is useless and FL means the dimming value is 100%.

Notice: On the main page , press **【CH】** can enter channel edit directly.

STEP-4 Press **【ENT】** to enter channel edit and LCD shows,

CH	17 : 47
<hr/>	
C001	00 01 05 82 %
C006	99 FL NC 00 01
C011	NC 00 01 05 82
C016	NC 00 01 05 82
C021	NC 00 01 05 82
C026	NC 00 01 05 82

Blink.

STEP-5 Press **【▲】** , **【▼】** or the number keys on the front panel to adjust the dimming value; press **【◀】** or **【▶】** select the channel.

CH	17 : 47
<hr/>	
C001	NC 00 01 88 82 %
C006	99 FL NC 00 01
C011	NC 00 01 05 82
C016	NC 00 01 05 82
C021	NC 00 01 05 82
C026	NC 00 01 05 82

Blink.

Press **【▲】** or **【▼】** once to increase or decrease 1% dimming value at one time ;hold **【▲】** or **【▼】** to adjust the value quickly. Press **【+】** to adjust the value to FL directly, press **【-】** to adjust the value to NC directly.

STEP-6 After setting, press to **【ENT】** save.

CH +/-:mul-sel						17 : 47
C001	NC	00	01	88	82	%
C006	99	FL	NC	00	01	
C011	NC	00	01	05	82	
C016	NC	00	01	05	82	
C021	NC	00	01	05	82	
C026	NC	00	01	05	82	

Stop blinking.

Please follow the steps below to create the channel group.

STEP.1: On the channel check page , press **【+】** and LCD shows,

+CH001						17 : 47
C001	NC	00	01	05	82	%
C006	99	FL	NC	00	01	
C011	NC	00	01	05	82	
C016	NC	00	01	05	82	
C021	NC	00	01	05	82	
C026	NC	00	01	05	82	

Blink.

STEP.2: Press **【▲】** or **【▼】**, or the number keys on the front panel to enter a channel no. that need to add in the channel group.

+CH032						17 : 47
C031	NC	NC	NC	NC	NC	%
C036	NC	NC	NC	NC	NC	
C041	NC	NC	NC	NC	NC	
C046	NC	NC	NC	NC	NC	
C051	NC	NC	NC	NC	NC	
C056	NC	NC	NC	NC	NC	

Blink.

STEP.3: Press **【ENT】** to save the channel to the channel group.

CH	+/-:mul-sel	17 : 47
C031	NC NC NC NC NC %	
C036	NC NC NC NC NC	
C041	NC NC NC NC NC	
C046	NC NC NC NC NC	
C051	NC NC NC NC NC	
C056	NC NC NC NC NC	

STEP.4: Repeat STEP.1~STEP.3 to add other channels to the channel group.

CH	+/-:mul-sel	17 : 47
C031	NC NC NC NC NC %	
C036	NC NC NC NC NC	
C041	NC NC NC NC NC	
C046	NC NC NC NC NC	
C051	NC NC NC NC NC	
C056	NC NC NC NC NC	

Please follow the steps below to delete channel from the channel group.

STEP.1: On the channel check page , press **【-】** and LCD shows,

-CH001	17 : 47
C001	NC 00 01 05 82 %
C006	99 FL NC 00 01
C011	NC 00 01 05 82
C016	NC 00 01 05 82
C021	NC 00 01 05 82
C026	NC 00 01 05 82

Blink.

STEP.2: Press **▲**, **▼** or the number keys on the front panel to enter a channel no. that need to delete from the channel group.

-CH032	17 : 47
<hr/>	
C031	NC NC NC NC NC %
C036	NC NC NC NC NC
C041	NC NC NC NC NC
C046	NC NC NC NC NC
C051	NC NC NC NC NC
C056	NC NC NC NC NC

Blink.

STEP.3: Press **ENT** to delete the channel.

CH +/-:mul-sel	17 : 47
<hr/>	
C031	NC NC NC NC NC %
C036	NC NC NC NC NC
C041	NC NC NC NC NC
C046	NC NC NC NC NC
C051	NC NC NC NC NC
C056	NC NC NC NC NC

STEP.4: Repeat STEP.1~STEP.3 to delete other channels from the channel group.

CH +/-:mul-sel	17 : 47
<hr/>	
C031	NC NC NC NC NC %
C036	NC NC NC NC NC
C041	NC NC NC NC NC
C046	NC NC NC NC NC
C051	NC NC NC NC NC
C056	NC NC NC NC NC

After creating the channel group, Please follow the steps below to set their dimming value.

STEP-1 On the channel check page ,press【ALT】to edit the channel group and LCD shows,

CH						17 : 47
C031	NC	NC	NC	NC	NC	%
C036	NC	NC	NC	NC	NC	
C041	NC	NC	NC	NC	NC	
C046	NC	NC	NC	NC	NC	
C051	NC	NC	NC	NC	NC	
C056	NC	NC	NC	NC	NC	

Blink.

STEP-2 Press 【▲】 , 【▼】 or the number keys on the front panel to adjust the dimmingvalue of the channel group.

CH						17 : 47
C031	NC	NC	NC	NC	NC	%
C036	NC	NC	NC	NC	NC	
C041	NC	NC	NC	NC	NC	
C046	NC	NC	NC	13	NC	
C051	NC	NC	NC	13	NC	
C056	NC	NC	13	NC	NC	

Blink.

Press 【▲】 or 【▼】 once to increase or decrease 1% dimming value at one time ;hold 【▲】 or 【▼】 to adjust the value quickly.Press 【+】 to adjust the value to FL directly, press 【-】 to adjust the value to NC directly.

STEP-3 After setting, press 【ENT】 to save.

CH	+/-:mul-sel					17 : 47
C031	NC	NC	NC	NC	NC	%
C036	NC	NC	NC	NC	NC	
C041	NC	NC	NC	NC	NC	
C046	NC	NC	NC	13	NC	
C051	NC	NC	NC	13	NC	
C056	NC	NC	13	NC	NC	

2-3 Scene Edit

STEP-1 On the main page, press **【FCN】** to enter function menu and LCD shows,

Lite-Puter	17 : 47
<hr/>	
▶F1	: CHANNEL EDIT
F2	: SCENE EDIT
F3	: DMX IN MONITOR
F4	: DMX OUT MONITOR
F5	: DMX IN CONFIG
F6	: ASTRO TIMER

STEP-2 Press **【▲】** or **【▼】** to select F2 and LCD shows,

Lite-Puter	17 : 47
<hr/>	
F1	: CHANNEL EDIT
▶F2	: SCENE EDIT
F3	: DMX IN MONITOR
F4	: DMX OUT MONITOR
F5	: DMX IN CONFIG
F6	: ASTRO TIMER

Notice: On the main page , press **【SEQ】** can enter scene edit directly.

STEP-3 Press **【ENT】** to enter scene edit and LCD shows,

CP001	SCOF	17 : 47				
<hr/>						
C001	NC	NC	NC	NC	NC	%
C006	NC	NC	NC	NC	NC	
C011	NC	NC	NC	NC	NC	
C016	NC	NC	NC	NC	NC	
C021	NC	NC	NC	NC	NC	
C026	NC	NC	NC	NC	NC	

CP001 means zone 1.

SCOF means scene off.

Notice: It will show the scene off of zone 1's editing page automatically.

Press **【▲】** or **【▼】** to check all 512 channel's dimming value.

CP001 SCOF	17 : 47
<hr/>	
C511 NC NC	%
SC FADE: 0.1 S	

STEP-4 Press **【ENT】** to edit scene and LCD shows,

CP001 SCOF	17 : 47
<hr/>	
C001 NC NC NC NC %	
C006 NC NC NC NC NC	
C011 NC NC NC NC NC	
C016 NC NC NC NC NC	
C021 NC NC NC NC NC	
C026 NC NC NC NC NC	

Blink.

STEP-5 Press **【▲】** , **【▼】** or the number keys on the front panel to adjust the dimming value; press **【◀】** or **【▶】** select the channel.

CH	17 : 47
<hr/>	
C001 NC 00 01 88 82 %	
C006 99 FL NC 00 01	
C011 NC 00 01 05 82	
C016 NC 00 01 05 82	
C021 NC 00 01 05 82	
C026 NC 00 01 05 82	

CP001 SCOF	17 : 47
<hr/>	
C511 00 00	%
SC FADE: 0.1 S	

Blink.

Press **▲** or **▼** once to increase or decrease 1% dimming value at one time ;hold **▲** or **▼** to adjust the value quickly.Press **+** to adjust the value to FL directly, press **-** to adjust the value to NC directly.

SC FADE is the scene fade time , press **▲** or **▼** once to increase or decrease 0.1 at one time ; hold **▲** or **▼** to adjust the value quickly. It's range from 0 second to 99 minutes.

STEP-6 After setting, press **ENT** to save.

CP001 SCOF	17 : 47
<hr/>	
C511 00 00	%
SC FADE: 0.1 S	

Stop blinking.

Notice: User can press **◀** or **▶** shift to edit other scene, it will show the 7 scenes of 128 zones in order; hold **◀** or **▶** to shift the scene no. quickly.

CP001 scene off	CP002 scene off	CP003 scene off
CP001 scene 1	CP002 scene 1	CP003 scene 1
CP001 scene 2	CP002 scene 2	CP003 scene 2
CP001 scene 3	CP002 scene 3	CP003 scene 3
CP001 scene 4	CP002 scene 4	CP003 scene 4
CP001 scene 5	CP002 scene 5	CP003 scene 5
CP001 scene 6	CP002 scene 6	CP003 scene 6

STEP-7 Press **◀** or **▶** shift to another scene and repeat STEP4 ~STEP6 to do the setting.

When editing the channel, press **SEQ** can save the channel setting to a scene and it will show,

MESSAGE	17 : 47
<hr/>	
SAVE TO SCENE	
CP:001	SC:OF
<hr/>	
ENT'ENTER	FCN'EXIT
◀/▲▼ SELECT	

Press **【▲】** , **【▼】** and **【◀】** , **【▶】** to adjust the zone no. and scene no.
 After setting, press **【ENT】** to save or press **【FCN】** to exit.

2-4 DMX IN MONITOR

STEP-1 On the main page, press **【FCN】** to enter function menu and LCD shows,

Lite-Puter	17 : 47
<hr/>	
▶F1	: CHANNEL EDIT
F2	: SCENE EDIT
F3	: DMX IN MONITOR
F4	: DMX OUT MONITOR
F5	: DMX IN CONFIG
F6	: ASTRO TIMER

STEP-2 Press **【▲】** or **【▼】** to select F3 and LCD shows,

Lite-Puter	17 : 47
<hr/>	
F1	: CHANNEL EDIT
F2	: SCENE EDIT
▶F3	: DMX IN MONITOR
F4	: DMX OUT MONITOR
F5	: DMX IN CONFIG
F6	: ASTRO TIMER

STEP-3 Press **【ENT】** to enter DMX IN monitor and LCD shows,

DMX IN	17 : 47
<hr/>	
C001	00 00 01 05 82 %
C006	99 FL 00 00 01
C011	00 00 01 05 82
C016	00 00 01 05 82
C021	00 00 01 05 82
C026	00 00 01 05 82

Channel 1 to 5's dimming value is 0, 0, 1%, 5%, 82%.

STEP-4 Press **【▲】** or **【▼】** to check all 512 channels.

2-5 DMX OUT MONITOR

STEP-1 On the main page, press **【FCN】** to enter function menu and LCD shows,

Lite-Puter	17 : 47
<hr/>	
▶F1	: CHANNEL EDIT
F2	: SCENE EDIT
F3	: DMX IN MONITOR
F4	: DMX OUT MONITOR
F5	: DMX IN CONFIG
F6	: ASTRO TIMER

STEP-2 Press **【▲】** or **【▼】** to select F4 and LCD shows,

Lite-Puter	17 : 47
<hr/>	
F1	: CHANNEL EDIT
F2	: SCENE EDIT
F3	: DMX IN MONITOR
▶F4	: DMX OUT MONITOR
F5	: DMX IN CONFIG
F6	: ASTRO TIMER

STEP-3 Press **【ENT】** to enter DMX OUT monitor and LCD shows,

DMX OUT	17 : 47
<hr/>	
C001	90 00 00 00 FL %
C006	00 00 00 00 00
C011	00 00 00 00 00
C016	00 00 00 00 00
C021	00 00 00 00 00
C026	00 00 00 00 00

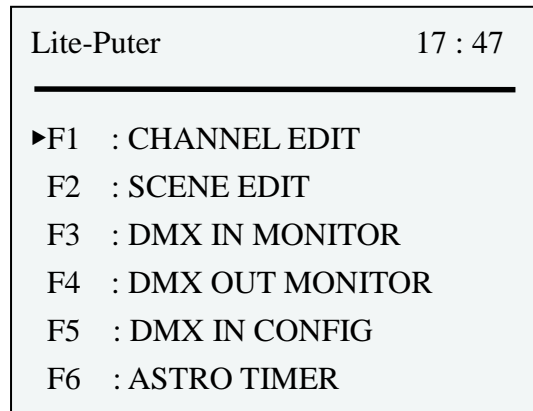
Channel 1 to 5's dimming value is 90%, 0, 0, 0, and 100%.

STEP-4 Press **【▲】** or **【▼】** to check all 512 channels.

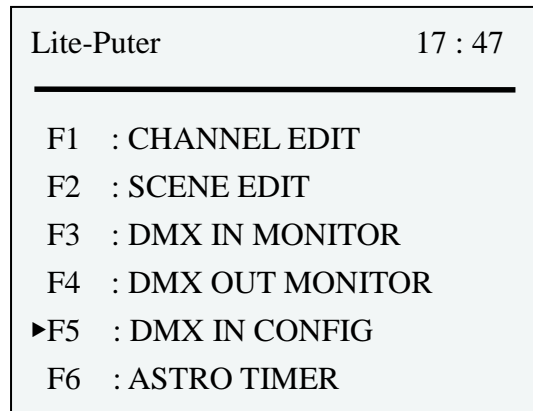
DMX OUT	17 : 47
<hr/>	
C511	80 00 %

2-6 DMX IN CONFIG

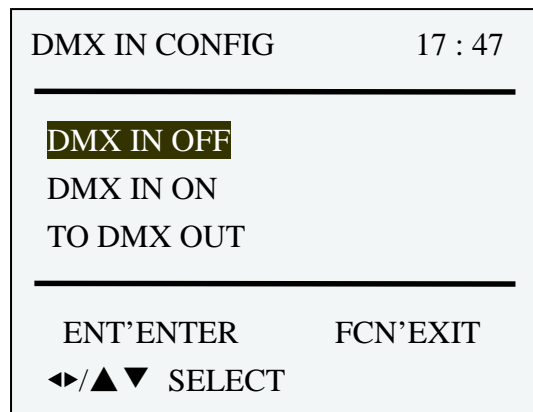
STEP-1 On the main page, press **【FCN】** to enter function menu and LCD shows,



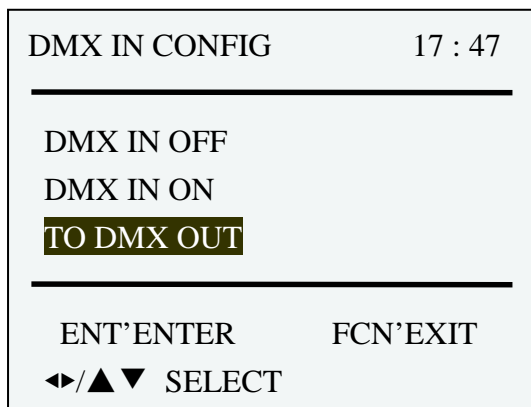
STEP-2 Press **【▲】** or **【▼】** to select F5 and LCD shows,



STEP-3 Press **【ENT】** to enter DMX IN configuration and LCD shows,



STEP-4 Press **【▲】** , **【▼】** or **【◀】** , **【▶】** to select the setting.



DMX IN OFF —— refuse DMX signal.

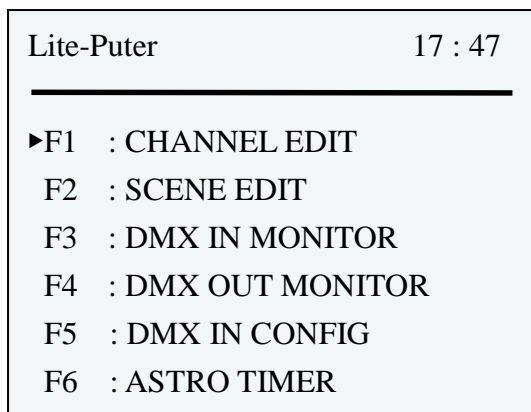
DMX IN ON —— accept DMX signal and monitor DMX IN signal in DMX IN MONITOR function.

TO DMX OUT —— accept DMX signal and monitor DMX OUT signal in DMX OUT MONITOR function.

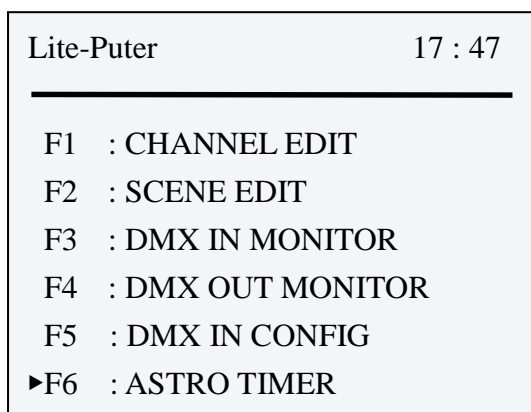
STEP-5 After setting, press **【ENT】** to save or press **【FCN】** to exit.

2-7 ASTRO TIMER

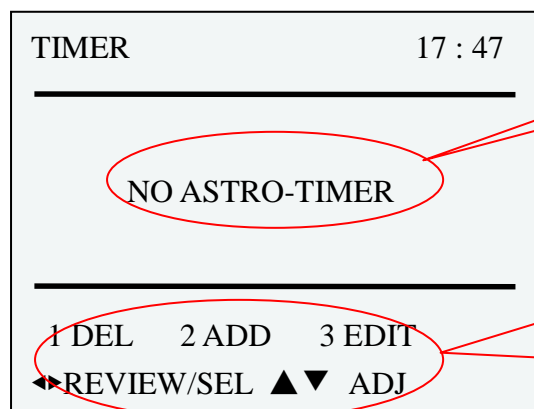
STEP-1 On the main page, press **【FCN】** to enter function menu and LCD shows,



STEP-2 Press **【▲】** or **【▼】** to select F6 and LCD shows,



STEP-3 Press to **【ENT】** enter astronomical timer and LCD shows,

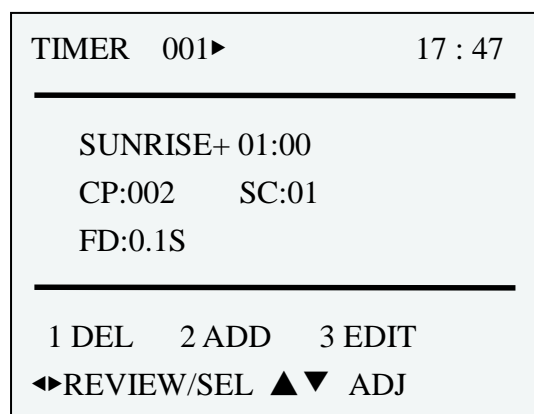


No astronomical timer.

It will show info alternatively as below,

SUNRISE	06:42 _⌂
SUNSET	17:13 _⌂

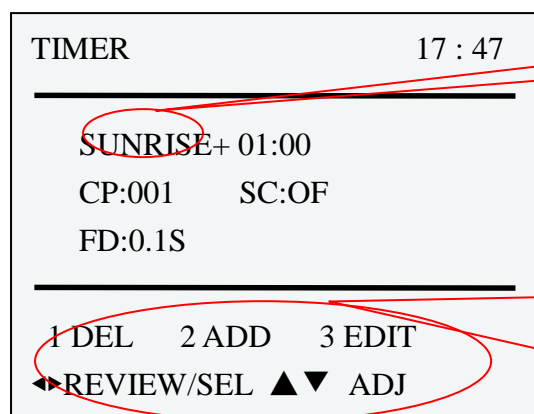
If there has astronomical timer and LCD will show the first timer.



STEP-4 Press **【◀】** or **【▶】** to check other timer.

Add timer

STEP.1: Enter astronomical timer function , press**【2】**to add a timer and LCD shows,



Blink.

It will show info alternatively as below,

SUNRISE	06:42 _⌂
SUNSET	17:13 _⌂

STEP.2 : Press **▲** or **▼** to select sunrise or sunset .

TIMER	17 : 47
<hr/>	
SUNSET +01:00	
CP:001	SC:OF
FD:0.1S	
<hr/>	
1 DEL	2 ADD
3 EDIT	
◀REVIEW/SEL ▲▼ ADJ	

Blink.

+: after sunrise time/sunset time
 -: before sunrise time/sunset time
 "Sunset +01:00" means 1 hour after sunset time 17:13, it's 18:13.

STEP.3 Press **▶** to select + or -;press **▼** to change+to -.

TIMER	17 : 47
<hr/>	
SUNSET -01:00	
CP:001	SC:OF
FD:0.1S	
<hr/>	
1 DEL	2 ADD
3 EDIT	
◀REVIEW/SEL ▲▼ ADJ	

Blink.

"Sunset -01:00" means 1 hour before sunset time 17:13, it's 16:13.

STEP.4 Press **▶** to set the time value; press **▲** or **▼** to adjust value.

TIMER	17 : 47
<hr/>	
SUNSET -02:00	
CP:001	SC:OF
FD:0.1S	
<hr/>	
SUNRISE	06:42
SUNSET	17:13

"Sunset -02:00" means 2 hour before sunset time 17:13, it's 15:13.

STEP.5: Press **▶** to set the zone no., scene no. and fade time one by one; press **▲** or **▼** to adjust the value.

TIMER	17 : 47
<hr/>	
SUNSET - 02:00	
CP:128	SC:06
FD:10M	
<hr/>	
SUNRISE	06:42
SUNSET	17:13

Blink.

STEP.6: After setting, press **【ENT】** to save.

◀TIMER 003	17 : 47
<hr/>	
SUNSET - 02:00	
CP:128	SC:06
FD:10 M	
<hr/>	
1 DEL 2 ADD 3 EDIT	
◀▶REVIEW/SEL ▲▼ ADJ	

The scene 6 of zone 128 will be call out at 15: 13 and its fade time is 10 minutes.

STEP.7 Repeat STEP.1~STEP.6 to add more timer.

Delete timer

STEP.1: Enter astronomical timer function , press **【1】** to delete a timer and LCD shows,

MESSAGE	17 : 47
<hr/>	
DEL THIS TIMER?	
YES	NO
<hr/>	
ENT'ENTER	FCN'EXIT
◀▶/▲▼ SELECT	

STEP.2: Press **【◀】** , **【▶】** or **【▲】** , **【▼】** to select yes or no.

STEP.3: After setting, press **【ENT】** to save or press **【FCN】** to exit.

Edit timer

STEP.1: Enter astronomical timer function , press **【◀】** or **【▶】** to select a timer need to edit.

◀TIMER 002▶	17 : 47
<hr/>	
SUNSET - 03:10	
CP:010	SC:04
FD:01 M	
<hr/>	
1 DEL 2 ADD 3 EDIT	
◀▶REVIEW/SEL ▲▼ ADJ	

STEP.2: Press **【3】** to edit the timer 002 and LCD shows,

◀TIMER 002▶	17 : 47
<hr/>	
SUNSET - 03:10	
CP:010 SC:04	
FD:01 M	
<hr/>	
1 DEL 2 ADD 3 EDIT	
◀▶REVIEW/SEL ▲▼ ADJ	

Blink.

STEP.3: Repeat STEP.2~STEP.6 of Add timer to do the setting.

2-8 CALENDAR TIMER

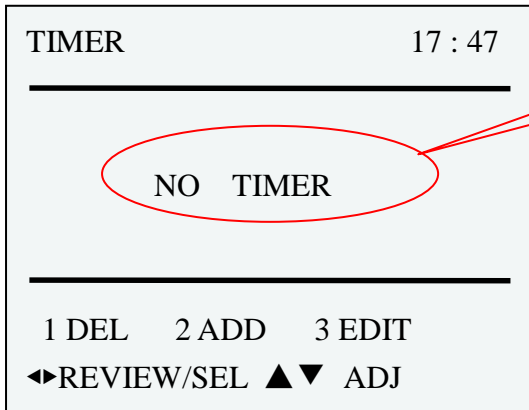
STEP-1 On the main page, press **【FCN】** to enter function menu and LCD shows,

Lite-Puter	17 : 47
<hr/>	
▶F1 : CHANNEL EDIT	
F2 : SCENE EDIT	
F3 : DMX IN MONITOR	
F4 : DMX OUT MONITOR	
F5 : DMX IN CONFIG	
F6 : ASTRO TIMER	

STEP-2 Press **【▲】** or **【▼】** to select F7 and LCD shows,

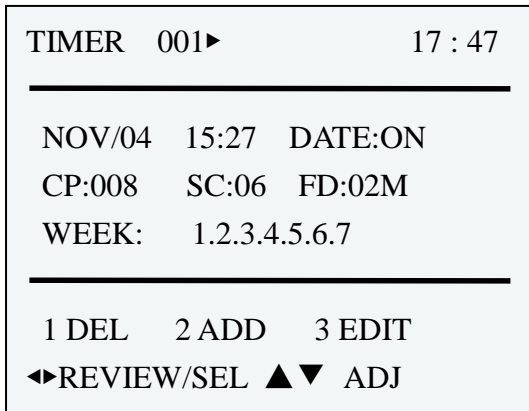
Lite-Puter	17 : 47
<hr/>	
F2 : SCENE EDIT	
F3 : DMX IN MONITOR	
F4 : DMX OUT MONITOR	
F5 : DMX IN CONFIG	
F6 : ASTRO TIMER	
▶F7 : CALENDAR TIMER	

STEP-3 Press **【ENT】** to enter calendar timer function and LCD shows,



No calendar timer.

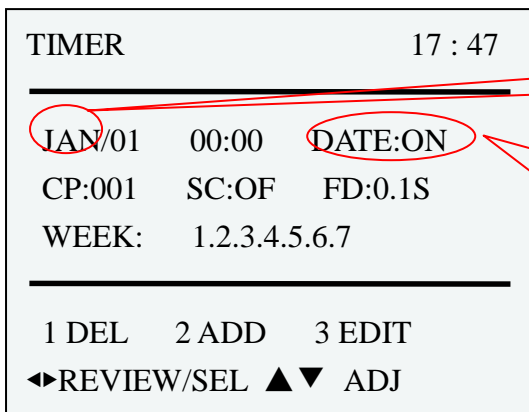
If there has calendar timer and LCD will show the first timer.



STEP-4 Press **【◀】** or **【▶】** to check all the timer.

Add new timer

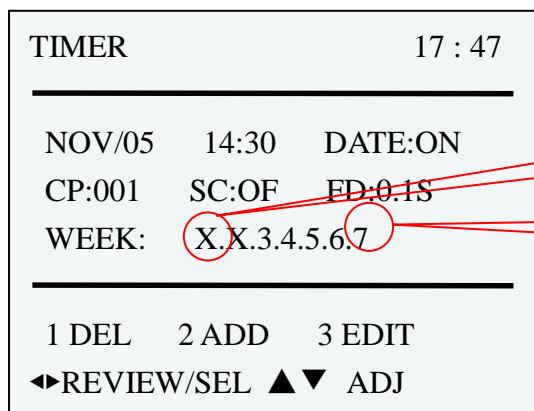
STEP.1: Enter calendar timer function ,press **【2】** to add a timer and LCD shows,



Blink.

DATE ON: Execute the timer on month/day
DATE OFF: Execute the timer on week day.

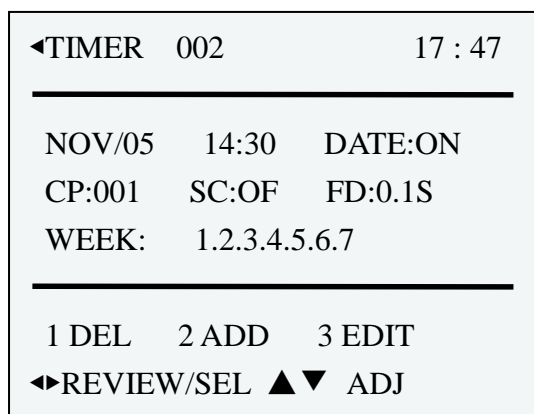
STEP.2: Press **▲** , **▼** or **◀** , **▶** to adjust month, day, hour, minute , date on/off, zone, scene, fade time and week day.



Monday's selected.

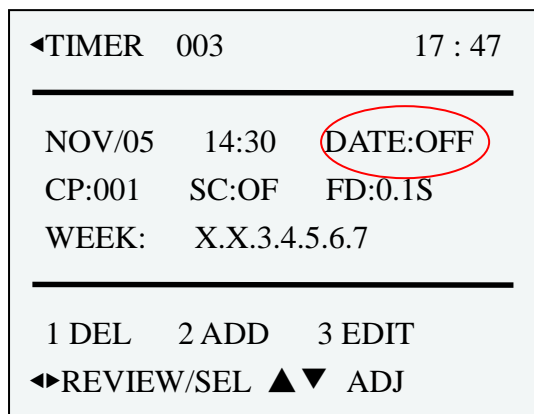
Blink.

STEP.3: After setting, press to **ENT** save.



When the setting is DATE ON, the month/day setting is prior to week day setting. For example, if Monday and Tuesday aren't selected in this timer, but if November 5th is Tuesday, the timer still be executed.

STEP.4: Repeat STEP.1~STEP.3 to add more timer.



When the setting is DATE OFF, the week day setting is prior to month/day setting. For example, Monday and Tuesday are selected in this timer, but if November 5th isn't Monday or Tuesday, the timer will not be executed.

Delete timer

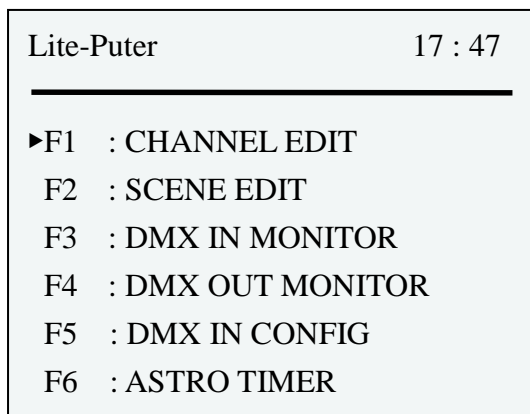
Please refer to the steps of delete timer in 2-7 ASTRO TIMER.

Edit timer

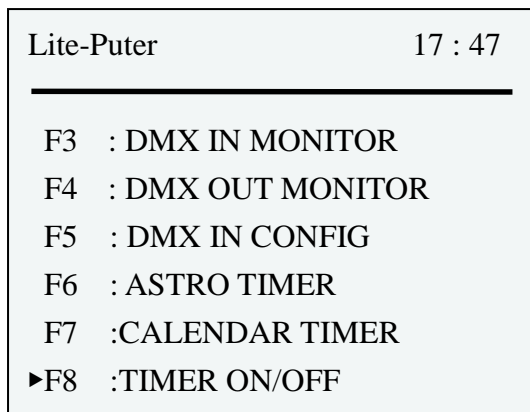
Please refer to the steps of edit timer in 2-7 ASTRO TIMER.

2-9 TIMER ON/OFF

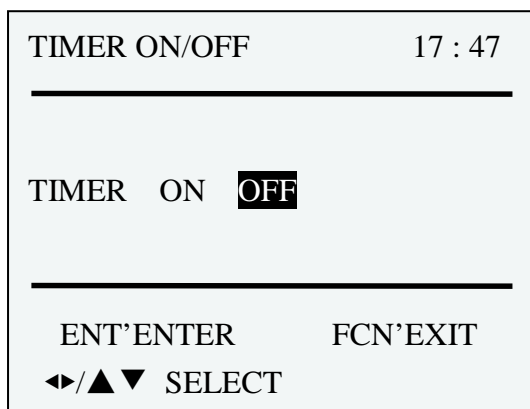
STEP-1 On the main page, press【FCN】to enter the function menu and LCD shows,



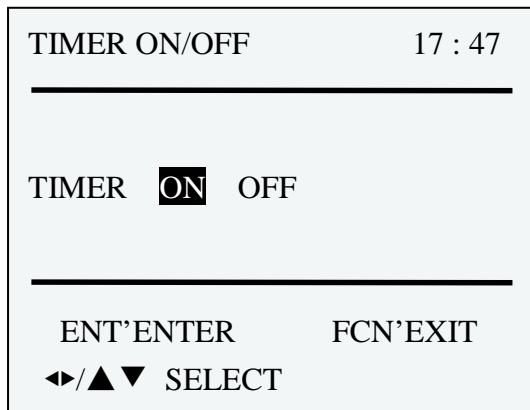
STEP-2 Press 【▲】 or 【▼】 to F8 and LCD shows,



STEP-3 Press 【ENT】 to enter TIMER ON/OFF and LCD shows,

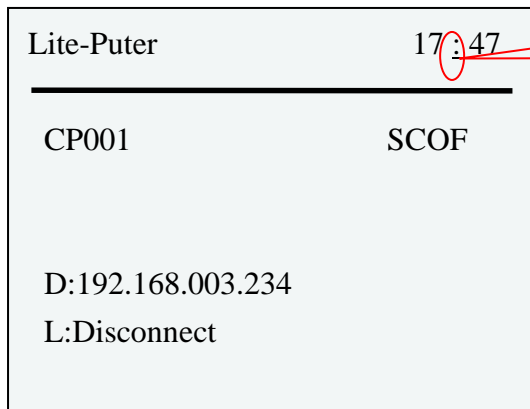


STEP-4 Press **【▲】** , **【▼】** or **【◀】** , **【▶】** to set timer on/off.



STEP-5 After setting, press **【ENT】** to save or press **【FCN】** to exit.

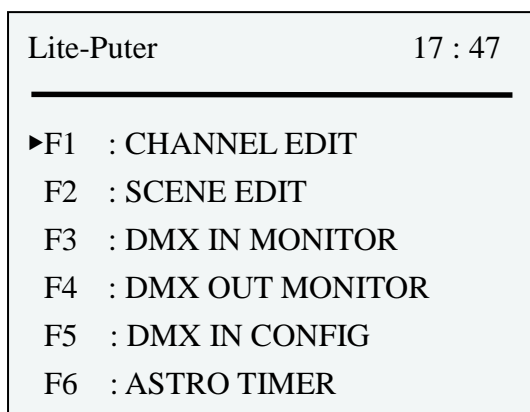
If set the timer on, there is a “_” appear under the time display on the right corner of LCD,



“_” means the timer is on.

2-10 SYSTEM CLOCK

STEP-1 On the main page, press **【FCN】** to enter function menu and LCD shows,



STEP-2 Press **【▲】** or **【▼】** to select F9 and LCD shows,

```

Lite-Puter                               17 : 47
-----
F4  : DMX OUT MONITOR
F5  : DMX IN CONFIG
F6  : ASTRO TIMER
F7  : CALENDAR TIMER
F8  : TIMER ON/OFF
▶F9 : SYSTEM CLOCK
    
```

STEP-3 Press **【ENT】** to enter system clock and LCD shows,

```

CLOCK                                     17 : 47
-----
CLOCK | NOV/01/2010
ASTRO  | MONDAY
SYNC   | 17: 47: 35
-----
ENT'EDIT      FCN'EXIT
◀SELECT      ▲▼ADJ
    
```

Submenu:

CLOCK: system time

ASTRO: Astronomical time

SYNC: Time synchronization

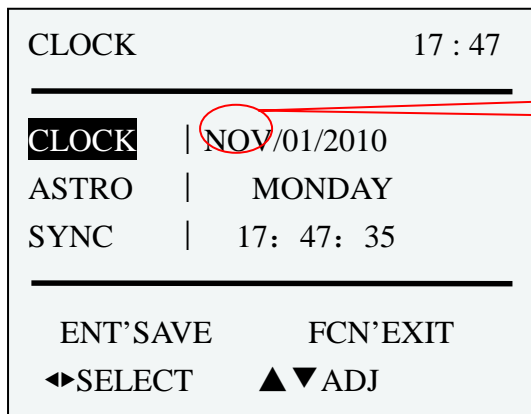
STEP-4 Press **【▲】** to **【▼】** to select the submenu.

System time (CLOCK)

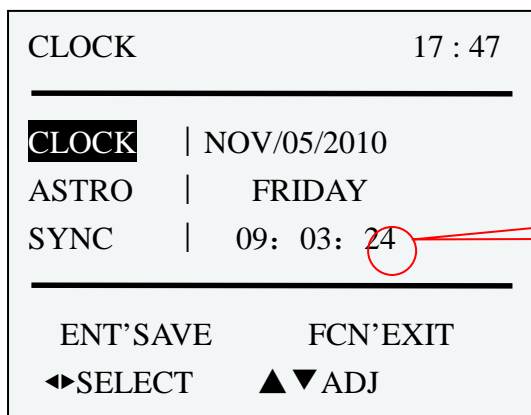
```

CLOCK                                     17 : 47
-----
CLOCK | NOV/01/2010
ASTRO  | MONDAY
SYNC   | 17: 47: 35
-----
ENT'EDIT      FCN'EXIT
◀SELECT      ▲▼ADJ
    
```

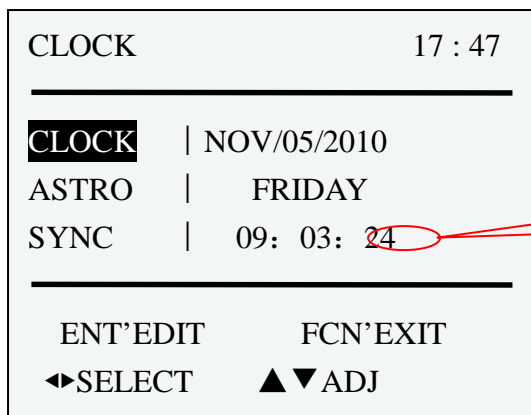
STEP.1: press **【ENT】** to set the system time and LCD shows,



STEP.2: Press **▲** , **▼** or **◀** , **▶** to adjust the time.



STEP.3: After setting, press **ENT** to save.



Astronomical time (ASTRO)

```

CLOCK                               17 : 47
-----
CLOCK | LON+ 116° 24'
ASTRO | LAT+ 039° 55'
SYNC  | ZONE +08
-----
ENT'EDIT      FCN'EXIT
◀SELECT      ▲▼ADJ
    
```

East longitude: 116°24'
 North latitude: 039°55'
 Time zone: +08

Press **▲** or **▼** to select the astronomical time and check the setting.

Time synchronization (SYNC)

```

CLOCK                               17 : 47
-----
CLOCK | SYNC CLOCK
ASTRO | TO  DEVICE?
SYNC | OK
-----
ENT'EDIT      FCN'EXIT
◀SELECT      ▲▼ADJ
    
```

Press **ENT** to synchronize the time; press **FCN** to exit.

2-11 PATCH Editing

The patch function can assign one channel no. to several DMX address and rearrange the channel no assignment.

For example,

one channel no. to several channel address	
DMX address 1	CH 001
DMX address 2	CH 001
DMX address 13	CH 001
DMX address 27	CH 001
DMX address 139	CH 001
DMX address 508	CH 001

STEP-1 On the main page, press【FCN】to enter the function menu and LCD shows,

```

Lite-Puter                               17 : 47
-----
▶F1  : CHANNEL EDIT
  F2  : SCENE EDIT
  F3  : DMX IN MONITOR
  F4  : DMX OUT MONITOR
  F5  : DMX IN CONFIG
  F6  : ASTRO TIMER
    
```

STEP-2 Press 【▲】 or 【▼】 to select F10 and LCD shows,

```

Lite-Puter                               17 : 47
-----
  F5  : DMX IN CONFIG
  F6  : ASTRO TIMER
  F7  :CALENDAR TIMER
  F8  :TIMER ON/OFF
  F9  :SYSTEM CLOCK
▶F10 :PATCH EDIT
    
```

STEP-3 Press 【ENT】 to enter PATCH and LCD shows,

```

DMX001 = CH001                           17 : 47
-----
D001  = C001  D002  = C002
D003  = C003  D004  = C004
D005  = C005  D006  = C006
D007  = C007  D008  = C008
D009  = C009  D010  = C010
D011  = C011  D012  = C012
    
```

STEP-4 Press 【▲】 , 【▼】 or 【◀】 , 【▶】 to check all 512 channel and DMX address.

```

DMX505 = CH505                           17 : 47
-----
D505  = C505  D506  = C002
D507  = C003  D508  = C004
D509  = C005  D510  = C006
D511  = C007  D512  = C008
    
```

STEP-5 Press **【ENT】** to edit and LCD shows,

DMX001 = CH001	17 : 47	Blink
<hr/>		
D001 = C001	D002 = C002	
D003 = C003	D004 = C004	
D005 = C005	D006 = C006	
D007 = C007	D008 = C008	
D009 = C009	D010 = C010	
D011 = C011	D012 = C012	

STEP-6 Press **【▲】** , **【▼】** or the number keys on the front panel to adjust DMX address.

DMX002 = CH002	17 : 47	Blink
<hr/>		
D001 = C001	D002 = C002	
D003 = C003	D004 = C004	
D005 = C005	D006 = C006	
D007 = C007	D008 = C008	
D009 = C009	D010 = C010	
D011 = C011	D012 = C012	

STEP-7 Press **【▶】** shift to select channel no.. Press **【▲】** , **【▼】** or the number key on the front panel to adjust channel no..

DMX002 = CH001	17 : 47	Blink
<hr/>		
D001 = C001	D002 = C001	
D003 = C003	D004 = C004	
D005 = C005	D006 = C006	
D007 = C007	D008 = C008	
D009 = C009	D010 = C010	
D011 = C011	D012 = C012	

STEP-8 Press **【◀】** go back to select DMX address. Repeat STEP6~STEP7 to adjust others.

DMX012 = CH001	17 : 47	Blink.
<hr/>		
D001 = C001	D002 = C001	
D003 = C003	D004 = C004	
D005 = C005	D006 = C006	
D007 = C007	D008 = C008	
D009 = C009	D010 = C010	
D011 = C011	D012 = C001	It shows the setting.

STEP-9 After setting, press **【ENT】** to save.

DMX012 = CH001	17 : 47	Stop blinking.
<hr/>		
D001 = C001	D002 = C001	
D003 = C003	D004 = C004	
D005 = C005	D006 = C006	
D007 = C007	D008 = C008	
D009 = C009	D010 = C010	
D011 = C011	D012 = C001	

Now, channel 1 control DMX address 1, DMX address 2 and DMX012.

2-12 SD Card Setting

STEP-1 On the main page, press **【FCN】** to enter function menu and LCD shows,

Lite-Puter	17 : 47
<hr/>	
▶F1	: CHANNEL EDIT
F2	: SCENE EDIT
F3	: DMX IN MONITOR
F4	: DMX OUT MONITOR
F5	: DMX IN CONFIG
F6	: ASTRO TIMER

STEP-2 Press **【▲】** or **【▼】** to select F11 and LCD shows,

```
Lite-Puter 17 : 47
-----
F6 :ASTRO TIMER
F7 :CALENDAR TIMER
F8 :TIMER ON/OFF
F9 :SYSTEM CLOCK
F10 :PATCH EDIT
▶F11 :SD CARD
```

STEP-3 Press **【ENT】** to enter SD card setting and LCD shows,

```
SD CARD 17 : 47
-----
Detecting SD ...
```

```
SD CARD 17 : 47
-----
▶1:COPY SCENE TO SD
2:COPY TIMER TO SD
3:COPY PATCH TO SD
-----
ENT'ENTER FCN'EXIT
◀/▲▼ SELECT
```

If there isn't a SD card and LCD shows,

```
SD CARD 17 : 47
-----
NO SD!!!
```

STEP-4 Press **【▲】** or **【▼】** to select the operation.

SD CARD	17 : 47
<hr/>	
1: COPY SCENE TO SD	
▶2: COPY TIMER TO SD	
3: COPY PATCH TO SD	
<hr/>	
ENT'ENTER	FCN'EXIT
◀/▲▼ SELECT	

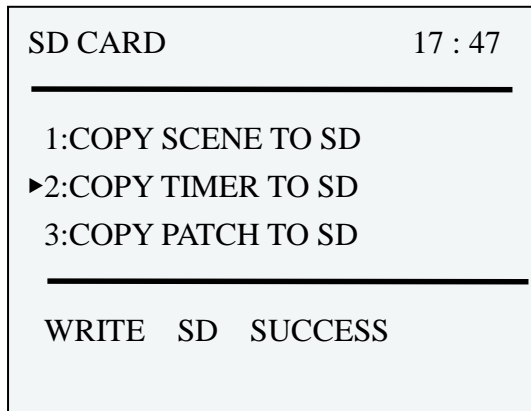
SD CARD	17 : 47
<hr/>	
4: COPY CONF TO SD	
5: COPY SCENE FROM SD	
▶6: COPY TIMER FROM SD	
<hr/>	
ENT'ENTER	FCN'EXIT
◀/▲▼ SELECT	

SD CARD	17 : 47
<hr/>	
6: COPY TIMER FROM SD	
7: COPY PATCH FROM SD	
▶ 8: COPY CONF FROM SD	
<hr/>	
ENT'ENTER	FCN'EXIT
◀/▲▼ SELECT	

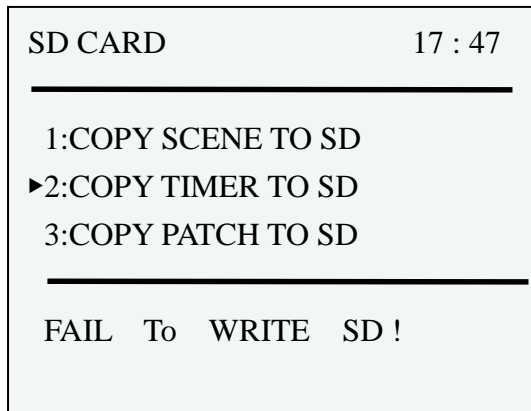
STEP-5 After setting, press **【ENT】** to save and LCD shows,

SD CARD	17 : 47
<hr/>	
1: COPY SCENE TO SD	
▶2: COPY TIMER TO SD	
3: COPY PATCH TO SD	
<hr/>	
WRITING SD ...	

When it's writing the SD card, user can't do any operation.
 If the writing is succeed and LCD shows,

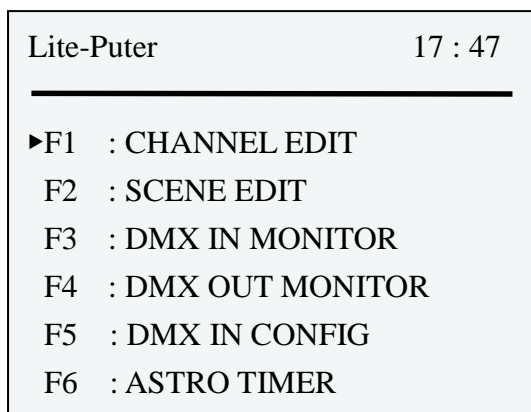


If the writing is failed and LCD shows,



2-13 IP Address Setting

STEP-1 On the main page, press **【FCN】** to enter function menu and LCD shows,



STEP-2 Press **▲** to **▼** select F12 and LCD shows,

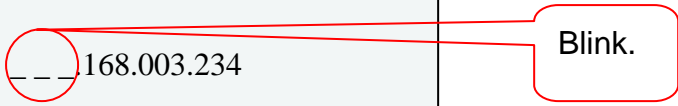
```
Lite-Puter 17 : 47
-----
F7 :CALENDAR TIMER
F8 :TIMER ON/OFF
F9 :SYSTEM CLOCK
F10 :PATCH EDIT
F11 :SD CARD
▶F12 :IP ADDRESS
```

STEP-3 Press **ENT** to enter IP address setting and LCD shows,

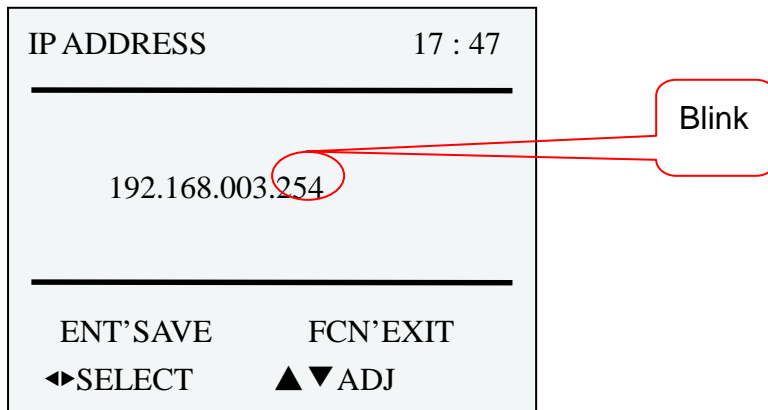
```
IP ADDRESS 17 : 47
-----
192.168.003.234
-----
ENT'EDIT    FCN'EXIT
◀SELECT    ▲▼ADJ
```

STEP-4 Press **ENT** to edit the IP address and LCD shows,

```
IP ADDRESS 17 : 47
-----
_ _ _ 168.003.234
-----
ENT'SAVE    FCN'EXIT
◀SELECT    ▲▼ADJ
```



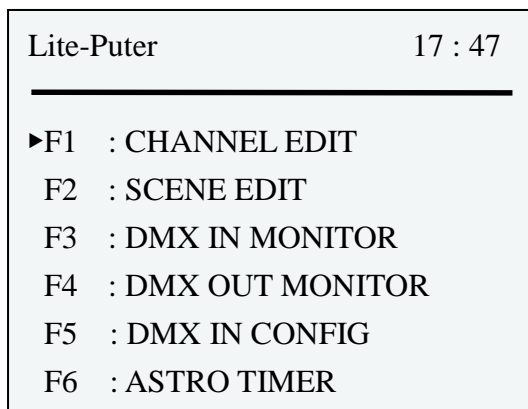
STEP-5 Press **【▲】** or **【▼】** to adjust the value; press **【◀】** or **【▶】** shift to each bit.



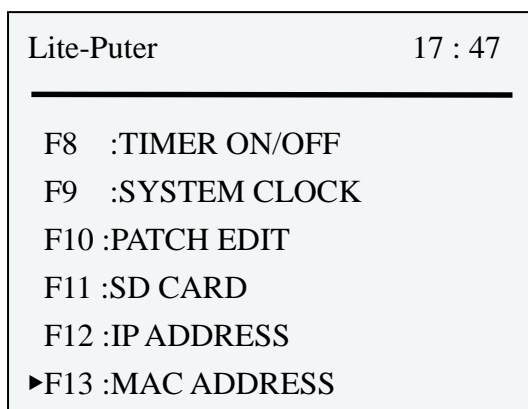
STEP-6 After setting, press **【ENT】** to save and press **【FCN】** to exit.

2-14 MAC Address setting

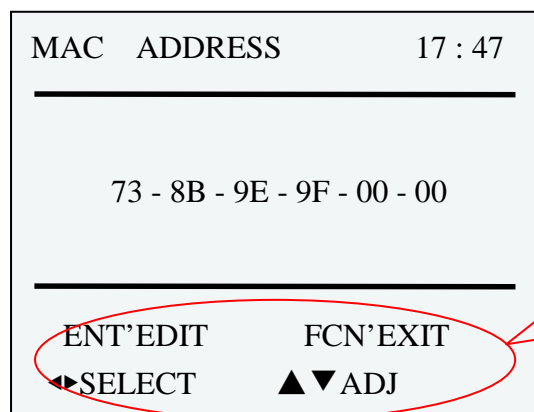
STEP-1 On the main page , Press **【FCN】** to enter the function menu and LCD shows,



STEP-2 Press **【▲】** or **【▼】** to select F13 and LCD shows,

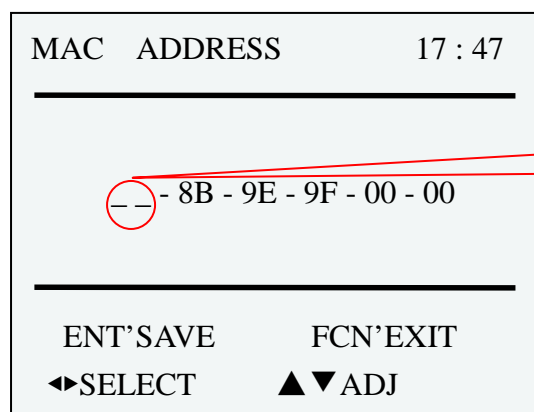


STEP-3 Press **【ENT】** to enter MAC address setting and LCD shows,



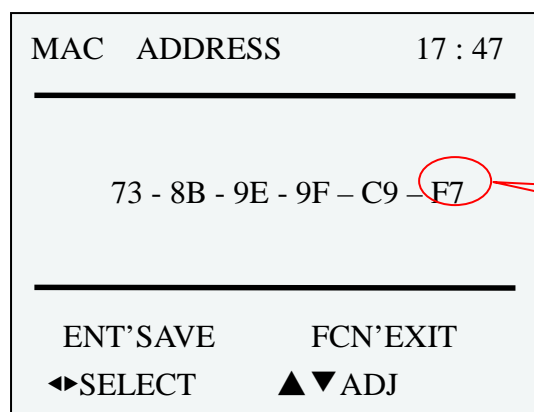
It will shoe the info alternatively as below,
 YOU CAN PRESS OFF↵
 TO SET RANDOM MAC↵

STEP-4 Press **【ENT】** to edit the MAC address and LCD shows,



Blink.

STEP-5 Press **【▲】** to **【▼】** ajust the value;press **【◀】** or **【▶】** shift to each bit.



Blink

STEP-6 After setting, press **【ENT】** to save and press **【FCN】** to exit.

Notice: The random MAC address set by **【OFF】** will be saved automatically.

2-15 LCD Back Lighting setting

STEP-1 On the main page , Press **【FCN】** to enter the function menu and LCD shows,

Lite-Puter	17 : 47
<hr/>	
▶F1	: CHANNEL EDIT
F2	: SCENE EDIT
F3	: DMX IN MONITOR
F4	: DMX OUT MONITOR
F5	: DMX IN CONFIG
F6	: ASTRO TIMER

STEP-2 Press **【▲】** or **【▼】** to select F14 and LCD shows,

Lite-Puter	17 : 47
<hr/>	
F9	:SYSTEM CLOCK
F10	:PATCH EDIT
F11	:SD CARD
F12	:IP ADDRESS
F13	:MAC ADDRESS
▶F14	:BACK LIGHTING

STEP-3 Press **【ENT】** to enter LCD back lighting setting and LCD shows,

BACK LIGHTING	17 : 47
<hr/>	
OFF	
ON	
20 S	
<hr/>	
ENT'ENTER	FCN'EXIT
◀/▲▼SELECT	

STEP-4 Press **【▲】** , **【▼】** or **【◀】** , **【▶】** to do the setting.

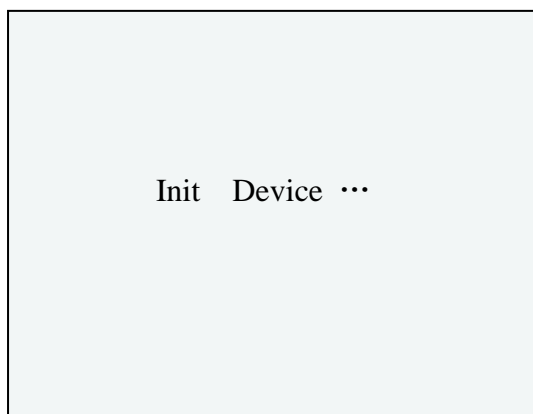
BACK LIGHTING	17 : 47
<hr/>	
OFF	
ON	
20 S	
<hr/>	
ENT'ENTER	FCN'EXIT
◀/▲▼SELECT	

- OFF —— Turn off LCD's back lighting
- ON —— Turn on LCD's back lighting
- 20 S —— If there is no operation within 20 seconds, LCD's back lighting will be turn off.

STEP-5 After setting, press **【ENT】** to save and press **【FCN】** to exit.

2-16 Memory Initialization

After turning off the device, hold **【▲】** and **【▼】** then turn the device on till LCD shows,



After memory initialization, it will shift to the main page .

The default setting as below,

1. DMX IN CONFIG: DMX IN OFF
2. Timer ON/OFF:OFF
3. IP address:192.168.003.234
4. MAC address: 73-8B-9E-9F-00-00
5. LCD's back lighting: ON

Notice: After memory initialization, the data of astronomical time will be initialized too, but user can copy the data to the device by control software or flash memory.

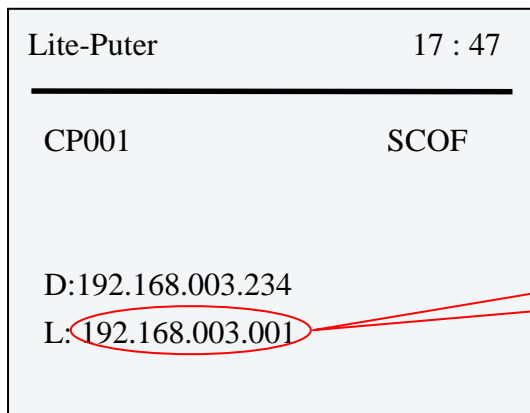
2-17 Connection with Home Lighting Software

After install Home Lightingsoftware , user can do the following setting from software.

1. Recall scene
2. Timer ON/OFF
3. Time synchronization
4. Upload device's scene data and PATCH data
5. Downlaod software's scene data and PATCH data
6. UpdateAstronomical time

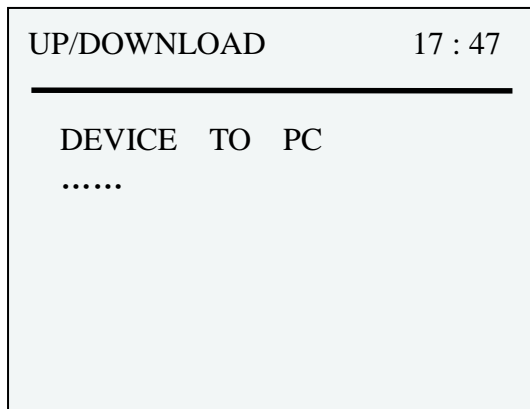
Upload data

STEP-1 After connecting software and device and LCD shows,



PC' s IP address.

STEP-2 Execute the upload data function of software then device will upload the data to the PC and LCD shows,

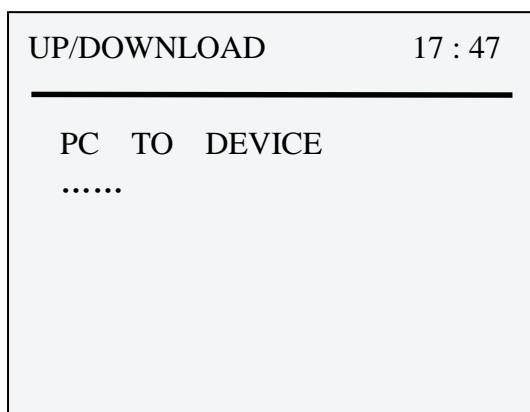


STEP-3 When the loading is finished , it will go back to the main page.

Download data

STEP-1 Connect software with device.

STEP-2 Execute the download data function of software then PC will download the data to the device and LCD shows,



STEP-3 When the loading is finished , it will go back to the main page.
Press refer to the HomeLighting software user manual to do the setting for the device.

2-18 Connect PC by USB Port

When DP-E6B is connecting with PC, it will be 2 disks appear: one is memory and other is SD card. User can save the data of scene, channel, timer, patch, astronomical time and configuration to the memory.

Notice:

Scene file name: SC.DAT

Channel file name: CH.DAT

Calendar timer file name: TIMER.DAT

Astronomical timer file name: ASTRO.DAT

Astronomical timer data file name: ASTRO_SETUP.DAT, ASTRO_RISE.DAT,
ASTRO_SET.DAT

PATCH file name: PATCH.DAT

Configuration file name: CONF.DAT

2-19 Corrigendum

1. DP-E6B cannot be controlled by ECP control panels which configured as multiple-zones.
2. To make an ECP panel controlling more than one zone, it is recommended to create a zone which controls the channels in the zones.

For example:

Zone (CP) 1 controls channel 1 – channel 10.

Zone (CP) 2 controls channel 11 – channel 20.

Zone (CP) 3 controls channel 21 – channel 30.

If you want make an ECP panel controlling these zones, simply configure zone 4 controlling channel 1 - 30 and set the ECP as zone 4.

=> Zone (CP) 4 controls channel 1 – channel 30.

Guarantee

Lite-Puter promises to fulfill the following acceptances:

1. Lite-Puter is only responsible for DP-E6B itself.
2. Lite-Puter guarantees to keep Lite-Puter's fault products caused by techniques, materials and any other logical reasons in good repair for free within a year since the distributing date.
3. We do not offer door-visiting service. If the trouble appears in Lite-Puter's products, please deliver the equipment to local distributors or Taipei headquarter.

***** Special Statement*****

Any fault caused by false usage, imprudence (collision or inadequate installation) or force majeure factors are not in Lite-Puter's service.

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