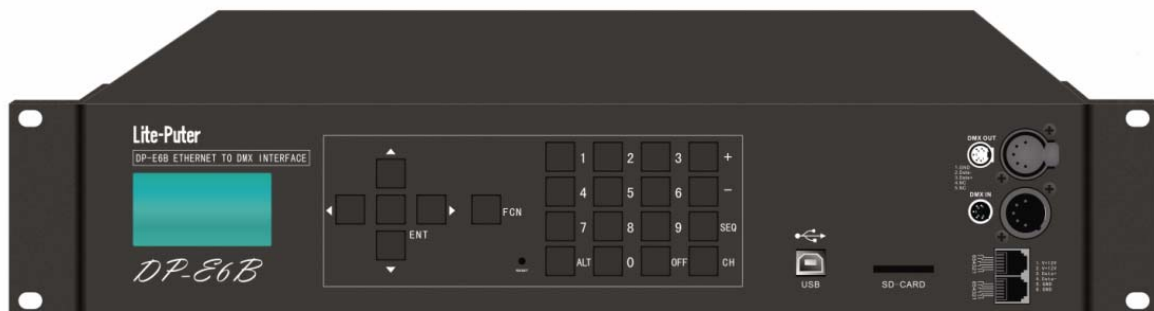


DP-E6B

Ethernet to DMX Interface

【User Manual】



Lite Puter Enterprise Co., Ltd.

Website : www.liteputer.com.tw

Email : sales@liteputer.com.tw

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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.

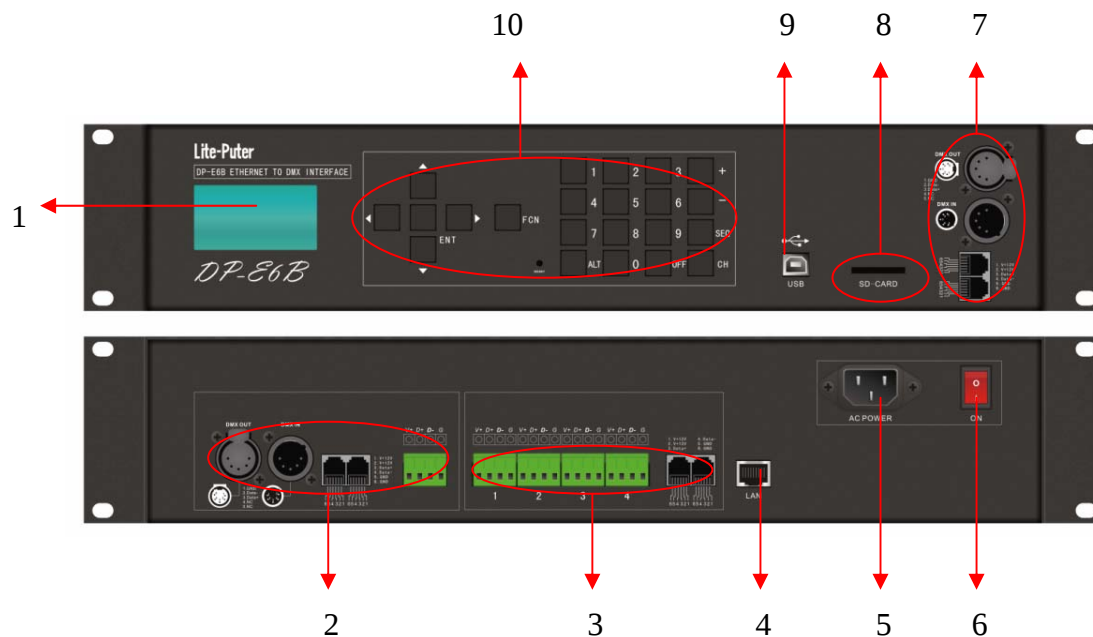
1-2 Specification

- 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

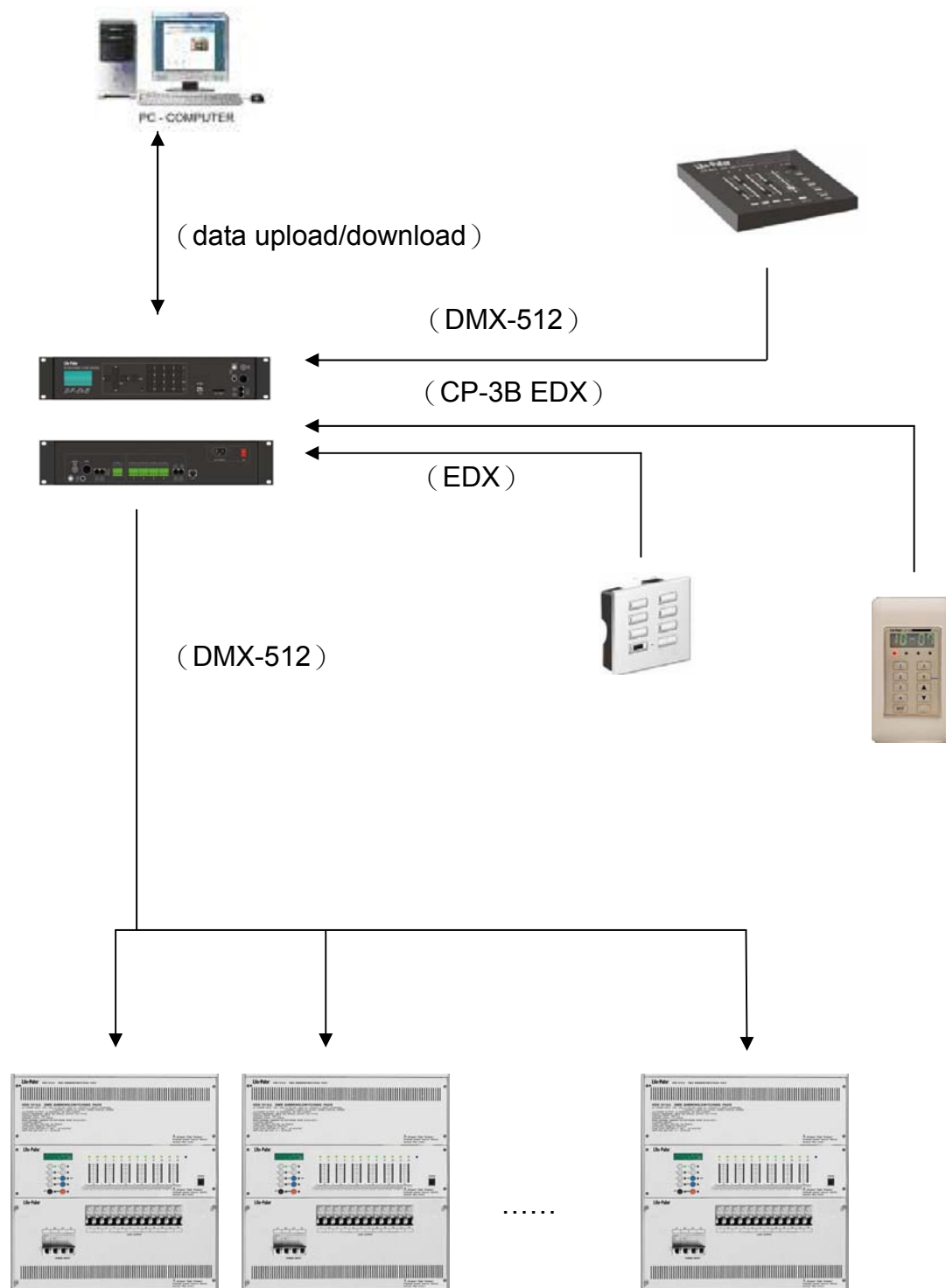


1-4 Function



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

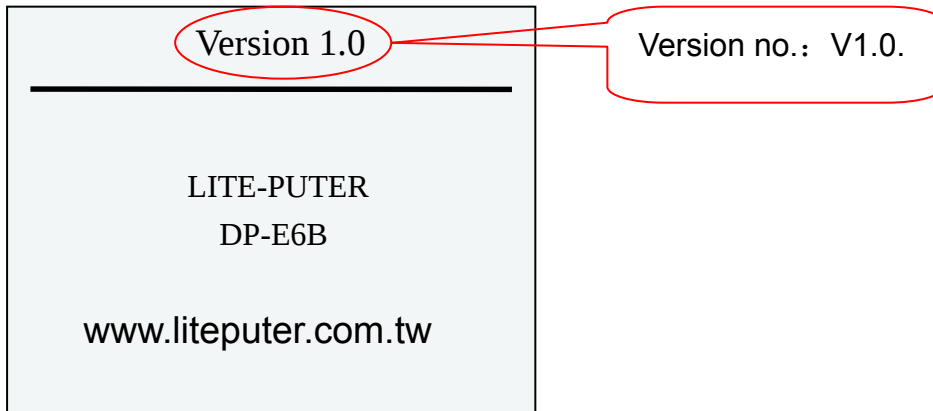
1-5 System Diagram



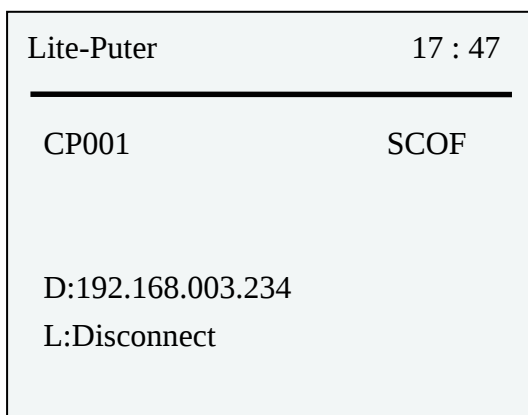
Chapter Two Operation

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,

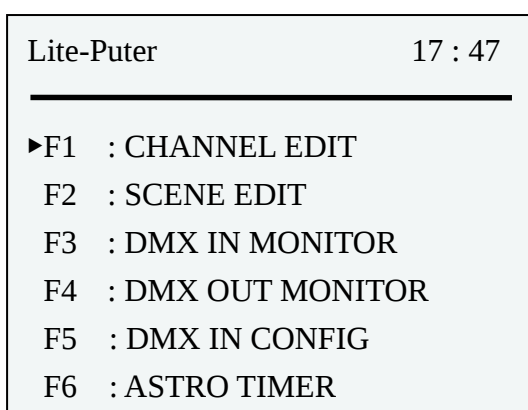


2-2 Channel Edit

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,



STEP-2 Press **【▲】** or **【▼】** to select F1 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-3 Press **【ENT】** to check the channel and LCD shows,

CH	+/-:mul-sel	17 : 47
C001	NC 00 01 05 82 %	Channel no.
C006	99 FL NC 00 01	
C011	NC 00 01 05 82	Channel's dimming value.
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
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					
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					
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
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
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
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 discrease 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
►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
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
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
C511	NC	NC				%
SC FADE: 0.1 S						

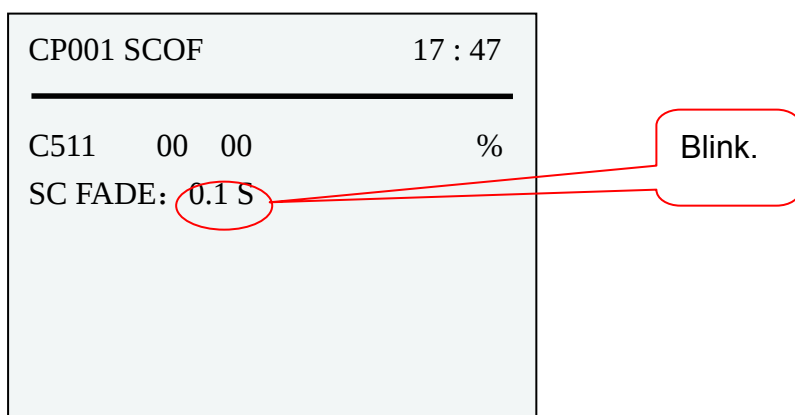
STEP-4 Press 【ENT】 to edit scene and LCD shows,

CP001 SCOF						17 : 47
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	

Blink.

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

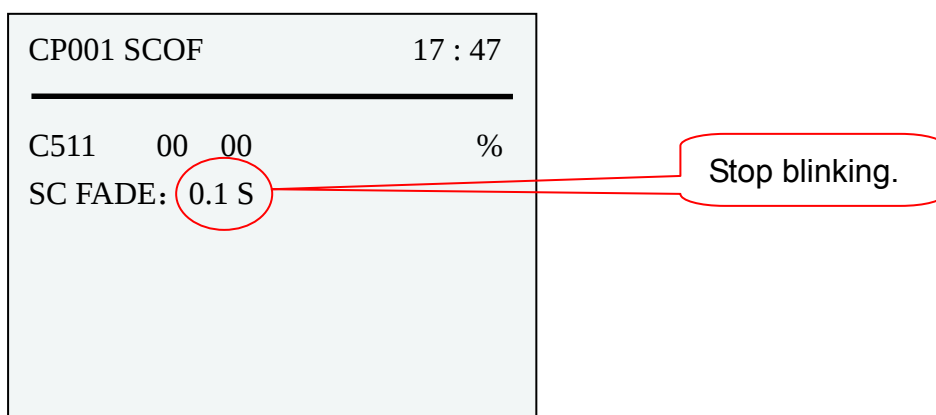
CH						17 : 47
C001	NC	00	01	88	82	%
C006	99	FL	NC	00	01	
C011	NC	00	01	05	82	
C016	NC	00	01	05	82	
C021	NC	00	01	05	82	
C026	NC	00	01	05	82	



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.



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
SAVE TO SCENE	
CP:001	SC:OF
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
▶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
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
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
►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
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
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
C511	80	00			%

2-6 DMX IN CONFIG

STEP-1 On the main page, press **【FCN】** to enter 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 F5 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-3 Press **【ENT】** to enter DMX IN configuration and LCD shows,

DMX IN CONFIG	17 : 47
DMX IN OFF	
DMX IN ON	
TO DMX OUT	
ENT'ENTER	FCN'EXIT
/▲▼ SELECT	

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

DMX IN CONFIG	17 : 47
DMX IN OFF	
DMX IN ON	
TO DMX OUT	
ENT'ENTER	FCN'EXIT
/▲▼ SELECT	

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,

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 F6 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-3 Press to **【ENT】** enter astronomical timer and LCD shows,

TIMER	17 : 47
NO ASTRO-TIMER	
1 DEL	2 ADD
3 EDIT	
REVIEW/SEL ▲▼ ADJ	

No astronomical timer.

It will show info alternatively as below,

SUNRISE	06:42 ^⓪
SUNSET	17:13 ^⓪

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

TIMER 001	17 : 47
SUNRISE+ 01:00	
CP:002	SC:01
FD:0.1S	
1 DEL	2 ADD
3 EDIT	
REVIEW/SEL ▲▼ ADJ	

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,

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

Blink.

It will show info alternatively as below,

SUNRISE	06:42 _u
SUNSET	17:13 _u

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

TIMER	17 : 47
SUNSET+ 01:00	
CP:001	SC:OF
FD:0.1S	
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
SUNSET- 01:00	
CP:001	SC:OF
FD:0.1S	
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
SUNSET - 02:00	
CP:001	SC:OF
FD:0.1S	
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
SUNSET - 02:00	
CP:128	SC:06
FD:10 M	
SUNRISE 06:42	
SUNSET 17:13	

Blink.

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

TIMER 003	17 : 47
SUNSET - 02:00	
CP:128	SC:06
FD:10 M	
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
DEL THIS TIMER?	
YES	NO
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
SUNSET - 03:10	
CP:010	SC:04
FD:01 M	
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
SUNSET - 03:10	
CP:010	SC:04
FD:01 M	
1 DEL 2 ADD 3 EDIT	
REVIEW/SEL ▲▼ ADJ	

Blink.

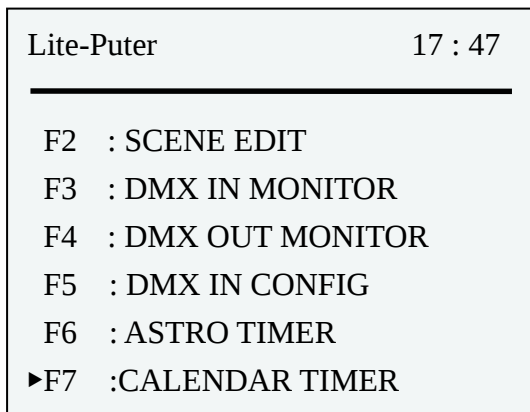
STEP.3: Repeat STEP.2~STEP.6 of Add timer to do the setting.

2-8 CALENDAR TIMER

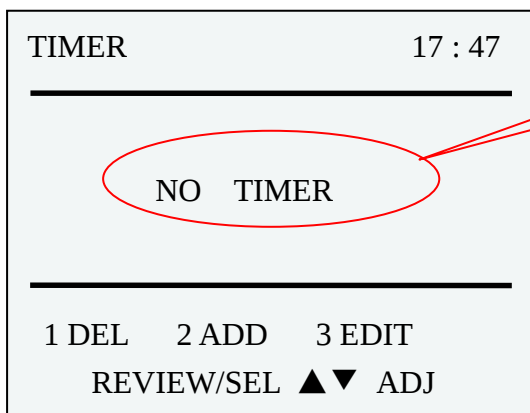
STEP-1 On the main page, press 【FCN】 to enter function menu and LCD shows,

Lite-Puter	17 : 47
►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,

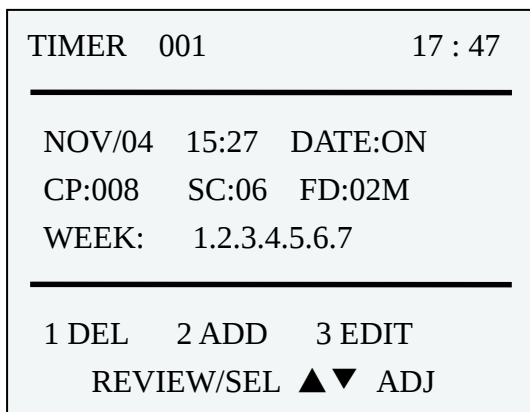


STEP-3 Press **【ENT】** to enter calendar timer function and LCD shows,



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,

TIMER		17 : 47
JAN/01	00:00	DATE:ON
CP:001	SC:OF	FD:0.1S
WEEK:	1.2.3.4.5.6.7	
1 DEL 2 ADD 3 EDIT REVIEW/SEL ▲▼ ADJ		

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.

TIMER		17 : 47
NOV/05	14:30	DATE:ON
CP:001	SC:OF	FD:0.1S
WEEK:	X.X.3.4.5.6.7	
1 DEL 2 ADD 3 EDIT REVIEW/SEL ▲▼ ADJ		

Monday's selected.

Blink.

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

TIMER	002	17 : 47
NOV/05	14:30	DATE:ON
CP:001	SC:OF	FD:0.1S
WEEK:	1.2.3.4.5.6.7	
1 DEL 2 ADD 3 EDIT REVIEW/SEL ▲▼ ADJ		

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.

TIMER	003	17 : 47
NOV/05	14:30	DATE:OFF
CP:001	SC:OF	FD:0.1S
WEEK:	X.X.3.4.5.6.7	
1 DEL	2 ADD	3 EDIT
	REVIEW/SEL	▲▼ ADJ

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,

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 F8 and LCD shows,

Lite-Puter	17 : 47
F3	: DMX IN MONITOR
F4	: DMX OUT MONITOR
F5	: DMX IN CONFIG
F6	: ASTRO TIMER
F7	: CALENDAR TIMER
►F8	: TIMER ON/OFF

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

TIMER ON/OFF	17 : 47
TIMER	ON OFF
ENT'ENTER	FCN'EXIT
/▲▼ SELECT	

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

TIMER ON/OFF	17 : 47
TIMER	ON OFF
ENT'ENTER	FCN'EXIT
/▲▼ SELECT	

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,

Lite-Puter	17:47
CP001	SCOF
D:192.168.003.234	
L:Disconnect	

“_” means the timer is on.

2-10 SYSTEM CLOCK

STEP-1 On the main page, press **【FCN】** to enter 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 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,

CLOCK		17 : 47
CLOCK		NOV/01/2010
ASTRO		MONDAY
SYNC		17: 47: 35
ENT'SAVE	FCN'EXIT	
SELECT	▲▼ADJ	

Blink

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

CLOCK		17 : 47
CLOCK		NOV/05/2010
ASTRO		FRIDAY
SYNC		09: 03: 24
ENT'SAVE	FCN'EXIT	
SELECT	▲▼ADJ	

Blink.

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

CLOCK		17 : 47
CLOCK		NOV/05/2010
ASTRO		FRIDAY
SYNC		09: 03: 24
ENT'EDIT	FCN'EXIT	
SELECT	▲▼ADJ	

Stop blinking.

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
D001 = C001	D002 = C002
D003 = C003	D004 = C004
D005 = C005	D006 = C006
D007 = C007	D008 = C008
D009 = C009	D010 = C010
D011 = C011	D012 = C012

Blink

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

DMX002 = CH002		17 : 47		Blink
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

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.

adjust others.

DMX012 = CH001

17 : 47

D001 = C001

D002 = C001

D003 = C003

D004 = C004

D005 = C005

D006 = C006

D007 = C007

D008 = C008

D009 = C009

D010 = C010

D011 = C011

D012 = C001

Blink.

It shows the setting.

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

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

Stop blinking.

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

2-12 SD Card Setting

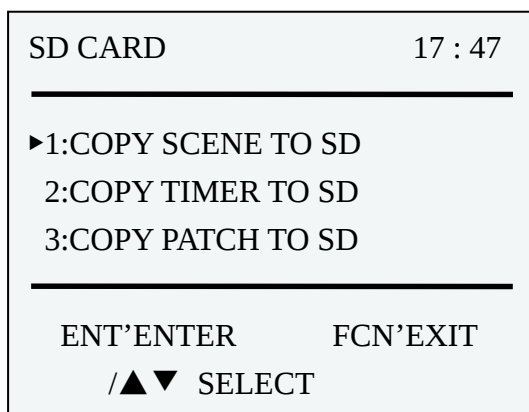
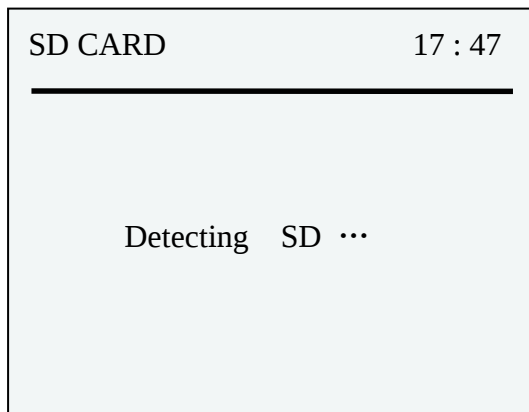
STEP-1 On the main page, press **【FCN】** to enter function menu and LCD shows,

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

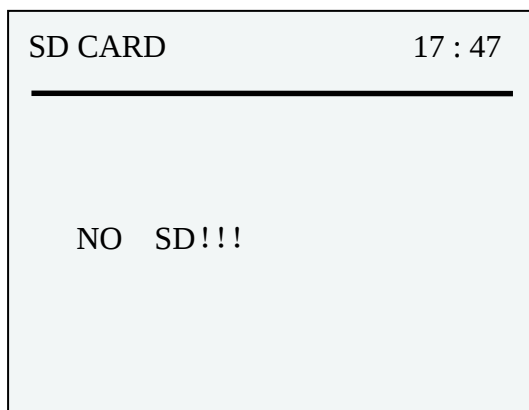
STEP-2 Press **【▲】** or **【▼】** to select F11 and LCD shows,

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

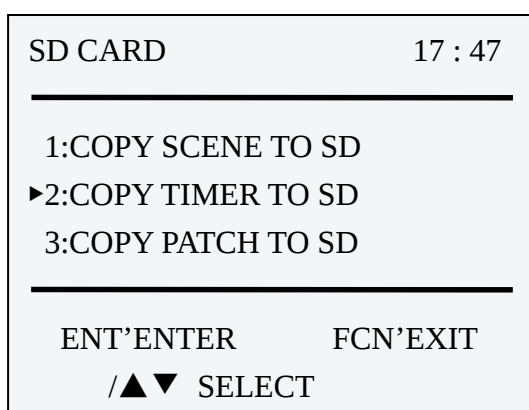
STEP-3 Press **【ENT】** to enter SD card setting and LCD shows,



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



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



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

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

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

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

When it's writing the SD card, user can't do any operation.

If the writing is succeed and LCD shows,

SD CARD	17 : 47
1: COPY SCENE TO SD ▶2: COPY TIMER TO SD 3: COPY PATCH TO SD 	
WRITE SD SUCCESS	

If the writing is failed and LCD shows,

SD CARD	17 : 47
1: COPY SCENE TO SD	
▶2: COPY TIMER TO SD	
3: COPY PATCH TO SD	
FAIL To WRITE SD !	

2-13 IP Address Setting

STEP-1 On the main page, press **【FCN】** to enter 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 **【▲】** 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 SELECT	FCN'EXIT ▲▼ADJ

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

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

Blink.

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

IP ADDRESS	17 : 47
192.168.003.254	
ENT'SAVE SELECT	FCN'EXIT ▲▼ADJ

Blink

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,

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 F13 and LCD shows,

Lite-Puter	17 : 47
F8 :TIMER ON/OFF	
F9 :SYSTEM CLOCK	
F10 :PATCH EDIT	
F11 :SD CARD	
F12 :IP ADDRESS	
▶F13 :MAC ADDRESS	

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

MAC ADDRESS	17 : 47
73 - 8B - 9E - 9F - 00 - 00	
ENT'EDIT SELECT	FCN'EXIT ▲▼ADJ

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,

MAC ADDRESS	17 : 47
- - - - 8B - 9E - 9F - 00 - 00	
ENT'SAVE SELECT	FCN'EXIT ▲▼ADJ

Blink.

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

MAC ADDRESS	17 : 47
73 - 8B - 9E - 9F - C9 - F7	
ENT'SAVE	FCN'EXIT
SELECT	▲▼ADJ

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

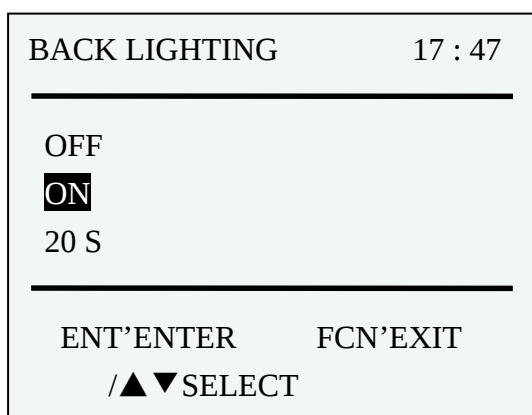
STEP-1 On the main page , Press **【FCN】** to enter the function menu and LCD shows,

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

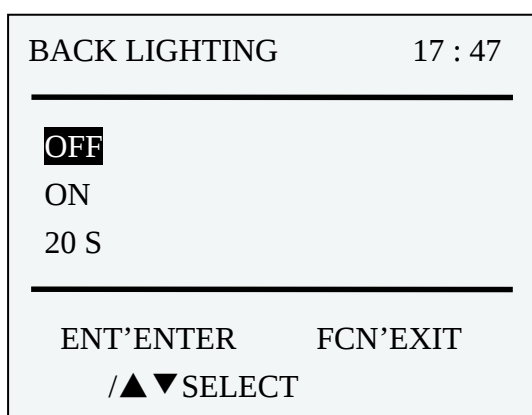
STEP-2 Press **【▲】** or **【▼】** to select F14 and LCD shows,

Lite-Puter	17 : 47
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,



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



OFF —— Turn off LCD's back lighting

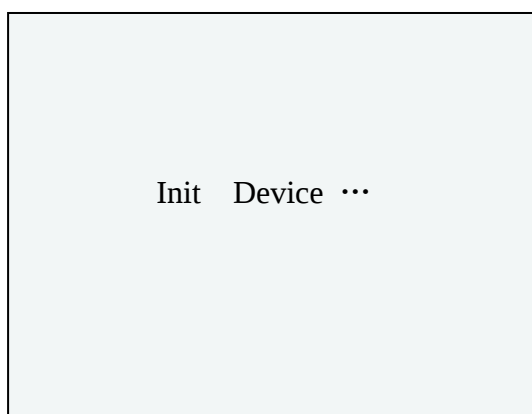
ON —— Turn on LCD's back lighting

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.

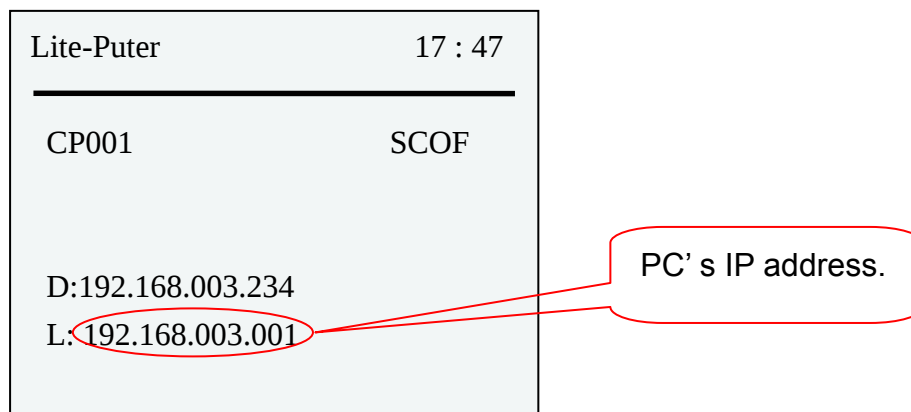
2-17 Connection with Home Lighting Software

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

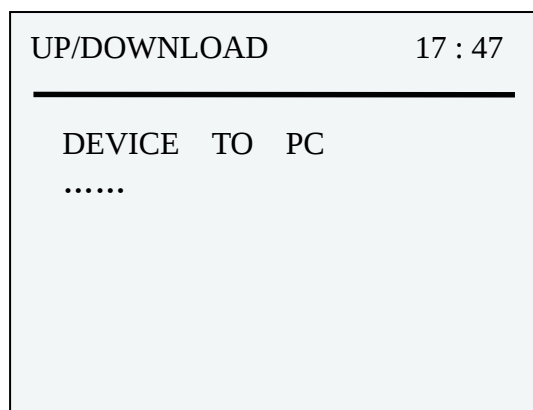
1. Recall scene
2. Timer ON/OFF
3. Time synchronization
4. Upload device's scene data and PATCH data
5. Download software's scene data and PATCH data
6. Update Astronomical time

Upload data

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



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

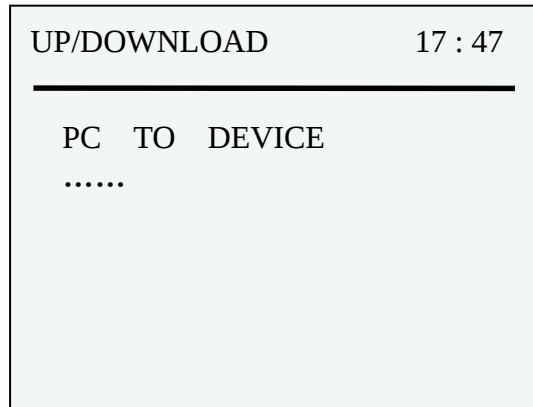


STEP-3 When the loading is finished , it will go back to the main page.

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

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.

Revision Record

Version	Record
A	First version

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Lite-Puter

World Headquarter:

Lite Puter Enterprise Co., Ltd.

Address: 11F, No. 189, Gangqian Rd., Neihu Dist., Taipei City, Taiwan

Zip Code: 11494

Tel: +886-2-27998099

Fax: +886-2-27993828

Website: www.liteputer.com.tw

E-mail: sales@liteputer.com.tw

Shanghai Factory:

Lite Puter Technology (Shanghai) Co., Ltd.

Address: Building B5, No. 298, Lane 3509, Hongmei S. Road, Shanghai, China

Zip Code: 201108

Tel: +86-21-54408210

Fax: +86-21-64978079

Shanghai Sales Center:

Address: Room 701, Building Gem, No. 487, Tianlin Road, Shanghai, China

Zip Code: 201103

Tel: +86-21-33674316/33674850

Fax: +86-21-33674013

Website: www.liteputer.com.cn

E-mail: sales_china@liteputer.com.tw