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ECP-T04

Touch Panel 【User Manual】



Lite Puter Enterprise Co., Ltd.

Website:www.liteputer.com.tw E-mail:sales@liteputer.com.tw

> LITE-PUTER ECP-T04 [EUM-C]

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Part 1 ECP-T04 Introduction

Chapter 1 ECP-T04

1-1 Feature

- Programmable software to realize customized interface.
- USB port for LAN connection, data download and remote monitoring.
- Build-in functions include backlight setting, sound setting, clock setting, digital photo frame and password protection.
- Build-in loudspeaker.
- IR remote controller.
- Power consumption is 2W.
- DC 12V external power.

1-2 Specification

Power supply	DC: 12V
Signal input	RS-485
Signal output	DMX512/1990
Signal connector	4 PIN green terminal
Connection port	USB/LAN
RAM memory	256MB
Screen size	5.7 inch
Resolution	320*240
Color	262K colors
screen	4-wire resistive touch panel
Size	215(W)x140(H)x 39(D)cm

1-3 Port Introduction



1-4 Dimension

Back side

1

2









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Front side



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Wall box



1-5 System Diagram



Part 2 ECP-T04's Programmable Software Introduction



Chapter 1 Feature and Installation

1-1 Feature

-Page

•The components in page include button, label, bar, clock, picture. User can configure them by the software.

•The configurations can be transmitted from PC to ECP-T04 by USB /LAN.

•Button component can add photo (there is built-in photos in software). Picture

component can add photo (you can choose any photo you like) and has text, shape and style options.

-Timer

- ●50 timers.
- -Bulid-in function
- •Clock setting(can be synchronized with PC)
- •Backlight setting .(3 options: normal, turn off in 5mins and turn off in 20 mins)
- •Voice setting. (turn on/off screen tap sound)
- •Schedule setting/Preview function.
- •Password protection.

The above function can be link to the buttons on the page.

1-2 Programmable Software and Driver Installation

1-2-1 Programmable Software Installation

STEP-1 Copy ECP-T04's installation program from the CD to desktop as below,



STEP-2 Double click the icon,



Traditional Chinese Simplified Chinese Japanese English

User can select the language from the list. STEP-3 After language selection and press Next,



Press Next again,



STEP-4 Press Yes,



Press Next in the following steps,





Press Finish and then installation is completed

After installation is ok, there are 2 shortcuts on the desktop and all programs separately,

) 我的文件	000-yl1 mf2000-yl1	ACD FotoCanv
夏 夏 我的電腦	2007 PDF2Word v3[1].0	ACDSee 5.0
1995年 1998年的第 第	मस्ट्र् ह क्ष	ACD FotoAnge
	TT2146NEW	
Internet Explorer	070815Distr	
Microsoft Outlook	公告-200805 誘電調明	Touch Atlas
Adobe Acrobat 7.0 Professio	回 会提前半編	
AutoCAD 2004 Cht	回 封設産品報 告-EP1(420	
Media Player Classic	1111年 1111年 1111日 11111 11111 11111 11111 11111 11111 1111	
WinFaxView	006811	
AutoVue SolidMode	DX-324 LED 控制器 BOM	



1-3 Device Driver Installation

After programmable software installation, next step is device driver installation.

STEP-1 After installing programmable software correctly, copy the driver folder in c:\Program Files\Lite-Puter\ECP-T04\Driver\ to the desktop.



STEP-2 Connect the device with PC by USB cable and it pops up the dialogue box will be popped as below,

Welcome to the Found New Hardware Wizard
looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only Yes, now and gvery time I connect a device No, not this time
Click Next to continue.

Select "No, not this time",

This wizard helps you install software for ECP-T04
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Instal the software automatically (Recommended) Instal from a list or specific location (Advanced)
Click Next to continue.

Press Next,



Select the driver folder on the desktop.

STEP-3	Press Next again,
Found New H	ardware Wizard
10	Completing the Found New Hardware Wizard The wizard has finished installing the software for:
	Click Finish to close the wizard

Press Finish and the driver is installed.

How to install ECP-T04 USB Driver in Windows Vista 64 bit/ Windows 7 64 bit?

Following are the steps to disable driver signature enforcement in 64 bit operating system

- 1. During boot-up press F8.
- 2. In the list of options that appear select "Disable driver signature enforcement".
- 3. Connect ECP-T04 with your PC by USB cable.
- 4. Install driver in folder "C:\Program Files\Lite Puter\ECP-T04\driver\ win7-vista\x64"

Chapter 2 · Programmable Software Introduction

2-1 Connection between Device and Programmable Software

When the user opens the programmable software, it will display as below, Figure 1 : Device is unconnected with programmable software.



Figure 2 : Device is connected with programmable software.



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Connected by Lan

2-2 Menu and Interface Introduction

2-2-1 Menu Introduction

File(F) Component(C) Format(O) DownLoad(D) Device-Set(S) Language(L) Help(H)

File menu can create, open and save a file.



Component(c) menu can add button, label, clock picture and bar.



Format (F) menu can modify the component's position, size and space



Align submenu include:

Format(F) DownLoad(I	D) Bum(B) Lar	Alian with left
Align 🕨	Lefts	Align with center
Make Same Size 🕨	Centers	Align with right
Horizontal Spacing 🕨	Rights	Align with top
Vertical Spacinig 🕨	Tops	Align with middle
&	Middles	
Open	Bottoms	——Align with bottom

Make same size submenu include:



Horizontal Spacing submenu include:



Vertical Spacing submenu include:



DownLoad(D) menu ——Download the data on the programmable software to ECP-T04.



Device-Set(s) setting includes: IP setting, device description, password setting and MAC address setting.



Three languages can be selected in Language (L) menu.



User can find software introduction in Help (H) menu.



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2-2-2 Interface Introduction



5

1button on interface introduction

년 Open	Open file	X Del Pg	Delete any page
Save	Save file	≣ Search	Search device's IP
D New Pg	Create new page	B D-set	Device setting

2button on interface introduction

Button	Add button	S Picture	Add picture
A Label	Add label	% Value	Add value
Bar	Add bar	💸 Scene	Scene editing button
💮 Clock	Add clock	Album	Album setting
⊾n Undo	Undo the setting	∩4 Redo	Redo the setting

3button on interface introduction

凸 All Page	Download all page data to device	子 Now Time	Download system time to device
ひ Now Page	Download current page data to device	£∃	Download all data to device
凸 Album	Download album photo to device	C5 Scene	Download scene data to device

4.button on interface introduction

₽ Lefts	Make component align with left	🖵 Width	Make component have same width
옥 Centers	Make component align with center	ģ ∏ Height	Make component have same height
뤽 Rights	Make component align with right	두라구 Both	Make component have same width
			and height
ogt Tops	Make component align with top	സം HEqual	Horizontal spacing equal
아 Middles	Make component align with middle	춤 VEqual	Vertical spacing equal
<u>∎</u> Bottom	Make component align with bottom	New Page	Check select the page

5 — This area illustrates the component's edited effect.

2-3 Component (button, label, bar, clock, picture, value) Setting

Page: A page is a friendly graphic user interface which includes components such as button, label, bar, clock and picture.

Component: A graphic object displayed on a page. Component include button, label, bar clock and picture.

There are 5 kinds of components:

Button : The button is used for control something, you touch a button and something happens. You can turn on a light, recall a scene .A button can have the name of the device it controls written on it, or a picture. The buttons with different function, background, border can exit in same page. Please check the button examples as below,



Buttons can have 4 control functions: page link, scene recall, channel dimming value control.

Page link: Link to another page.

Scene control: Recall the scenes of the controller.

Channel dimming value control has 2 methods:

Two buttons (up and down): increase/decrease the dimming value.

(The channel no. and zone no. are depended on the EDX system working with ECP-T04.)

One button: Directly recall a preset dimming value, for example 50%.

Label: Label is used for description \

Bar : A bar can be used to adjust the channel dimming value and display the value from 0%-100%.

Picture: The function of picture is the same as the button.

Clock: Display time on the ECP-T04.

Value : Display channel's dimming value.(from 0%-100%)

2-3-1 Button Setting

2-3-1-1 Add / Copy Button

Add Button

STEP-1 Open the programmable software,



STEP-2 Press button key on the interface or use the Component(c) menu to add a



Copy Button

Copy the border shape, border color, background color and Inactive, Active color setting of one button to another.

STEP-1

After adding a button on the page and set the border shape, border color, background color and Inactive, Active color as below,

	Position/Border Function Text	Images
Meeting	Position Left 43 Top Width 104 Height Back colour set	48 Border Shale Rectangle • Border Shale Rectangle • Border Style Sold • Active Color
	Set Color _	Set Color Background Color OK Ca



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- STEP-2
 - Then add another button on the page,



Now, there are two buttons on the page:

Meeting Room and

STEP-3 Select Meeting Room button and right click to select Format Copy,



STEP-4 Select cmd2 button and right click to select Format Paste to copy the setting,





Now, double click the cmd2 button to check the property change.

🖳 Button Property	X
Position/Border Function Text Images	
Position	Border
Left 48 Top 104	Border Shape Rectangle
Width 104 Height 32	Border Width 1
	Border Style Solid
Back colour set	e Color Set Color
	OK Cancel

2-3-1-2 Button Property

STEP-1 After adding a button then double click it,



Dialogue box-define button property.

Text Setting

STEP-2 Select the Text property from the dialogue box,



1--- Text display when the button on inactive status

2--- Text display when the button on active status

3--- Align the text position

4--- The text color display when the button on the inactive and active status

STEP-3 Key in the text into the inactive blank. For example, key in "ROOM ON", into inactive blank and "ROOM OFF" into active blank.

Batton Property Positon/Border Function Text Images Inscitive ROOM ON Right	Text Alignment
Active RODM OFF	Right click it to pop up the dialogue box
Select the text's font	the color.

STEP-4 Use text alignment to choose text's position on the button. When the position's chosen, it will mark as "X".

Station Property Poston/Border Function Text Images		
Inactive ROOM OFF Set Fort II Active ROOM DN	Fort color	right click any block it will display as" x"





Image Setting

STEP-6 Double click button again and select images property from the dialogue box,



STEP-7 Right click any image below,



STEP-8 Use Image Alignment to choose image's position on the button. Please refer to the steps of text position setting.

STEP-9 Press OK to save the image setting.

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Function Setting

STEP-10 Double click button again and select function property from the dialogue box.



Function list as below,

- Key Function	
Unused Unused Page Link Scene Up/Down Dimmer On/Off	 set as unused button set as page link button set as scene recall button set as up/down dimmer button set as dimmer button set as on/off button
Bell Press	set as bell press button

After select the function from the list, please refer to the steps of 2-5 for the advanced

setting.

STEP-11 For example set the button function as Page Link.

Button Property Positon/Border Function Text Images Reg Link Page Link C User Page Page none Page none	Those setting refer to steps of 2-5.
IR Select	

STEP-12 Press OK to save the function setting.

Position/Border Setting

STEP-13 Double click button again and select Position/Border property from the dialogue box.

	Bation Property	
1	Position Left 16 Top 16 Width 72 Height 32 Border Width 1 Border Style Solid Border Sty	
3 🕇	Back colour ret Background Set Color Set Color	→ 4 → 5
	OK. Cancel	

- 1--- Position and size setting
- 2--- Border setting

3--- The button color display when the button on the inactive and active status

- 4--- Border color setting
- 5--- Border background setting

Notice: Left/Top ——Button's position on the illustration area.

Width/Height—Button's width and height.

STEP-14 Right click Left/Top/Width/Height blank to edit the number.

For example: Left/Top set as 0/0, Width/Height set as 80/60 and set the button as green when it on the inactive status; set the button as blue, when it on the active status.

STEP-15 Right click Left/Top/Width/Height blank to key in the number.

Left 16	Top 16	Border Shape	Rounded Rev	tangle 💌
Vidh 72	Height 32	- Border Width	1	•
	/	Border Style	Solid	
Back colour set			Border	color
Inactive	- F	Active		Color
		•		
Set Color		Set Color	Backg	auro a

Border setting:



Border Shape includes: Rectangle Oval Rounded Rectangle

Select border width from the list

Border	
Border Shape	Rounded Rectangle 💌
Border Width	1 💌
Border Style	Transparent
(Transparent Solid
	Dash Dot Dash Dot
	Dash-Dot-Dot

Border Style includes: Transparent Solid Dash Dot Dash Dot Dash-Dot- Dot

Notice : Before the style selection, border width must be set as 1 at least.

For example: Set the Border Shape as Oval, Border width as 6, and Border Style as Dash.

STEP-16 Right click the Border Shape/Border width/Border Style list to choose the right item.

Position Left 16 Top 16	Border Border Shape Ovid	
Width 72 Height 32 Back colour set	Border Width 6 Bruder Style Sold Border color Color Background Background	Set Border Width as 6, Set Border Style as Dash
	OK Cancel	

STEP-17 Press OK to save the position /border setting,



2-3-2 Label Setting

2-3-2-1 Add Label

STEP-1 Open the programmable software.

STEP-2 Press label key on the interface or use the Component(c) menu to add a

Label.



2-3-2-2 Label Property

STEP-1 After add a label then double click it.

- 00000		Border		
Left 128	Top 16	Border Shape	Rounded R	lectar •
width 80	Height 16	Border Width	1	-
		Border Style	Solid	*

Dialogue box—define label property.

Text setting

STEP-2 Select the Text property from the dialogue box.



1--- Text display on label

2--- Align the text position

3--- Background color setting

4--- Text color setting

Please refer to the <u>STEP-3</u> ~ <u>STEP-5</u> of button's text setting to finish label's .

Position/Border Setting

STEP-3 Double click label again and select Position/Border property from the dialogue box.
Left 128	Top 16	- Border Shape	Rounded R	ectar 💌
Width 80	Height 16	- Border Width	1	•
		Border Style	Solid	-

1--- Position and size setting

2--- Border setting

Please refer to the <u>STEP-15</u> \sim <u>STEP-17</u> of button's Position/Border Setting to finish label's .

Border		
Border Shape	Rounded Rectar 💌	
Border Width	Rectangle Square Oval	
Border Style	Circle Rounded Rectangle Rounded Square	

Border Shape include: Rectangle Square Oval Circle Rounded Rectangle Rounded Square

2-3-3 Bar Setting

2-3-3-1 Add Bar

STEP-1 Open the programmable software.

STEP-2 Press bar key on the interface or use the Component(c) menu to add a bar.



2-3-3-2 Bar Property

STEP-1

P-1 Double click the bar on the page.



Dialogue box—define bar property.

- 1--- Position setting
- 2---Channel's address. Setting (from 1 to 512)
- STEP-2 Press OK to save the setting.

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2-3-4 Clock setting

2-3-4-1 Add Clock

STEP-1 Open the programmable software.

STEP-2 Press clock key on the interface or use the Component(c) menu to add a clock .



The clock can only be synchronized with the system time.(user cannot set the time)

2-3-5 Picture Setting

2-3-5-1 Add Picture

STEP-1 Open the programmable software.

STEP-2 Press picture key on the interface or use the Component(c) menu to add a

picture.



2-3-5-2 Picture Property

Position/Picture Setting

STEP-1 After add a picture then double click it.

Por	iton/Picture Function Text				
1 🖛	Left 16 Width 50	Top 16 Height 50	Press to load picture		
2 🗕	Picture Inactive Picture Path				
3 🗕	Active Picture Path		Fit Pictur	•	4

1--- Position and size setting

2--- Inactive picture path: picture display when the picture on inactive status.

3--- Active picture path: picture display when the picture on active status.

4---make the photo as the same size as picture on the illustration area.

Text Setting

STEP-2 Double click picture again and select text property from the dialogue box.

00F		Font color	Text Alignment	
			×	
	Set Font	Color		
-				

- 1--- Text display when picture on inactive status
- 2--- Align the text position
- 3--- Text color
- Function Setting

STEP-3 Double click picture again and select text property from the dialogue box.

Positon/Picture Function Text Positon/Picture Function Text Vage Link Scene Up/Down Dn/Off Bell Press IR Sefect None O O O O O O O O O O O O O O O O O O	Define this button controlled by which key on IR remote controller Please refer the operation to step of 2-3-7.
OK Cancel	

STEP-4 Press Ok to save the setting.

Notice: User can change the button, Label, Bar's position and size directly.

2-3-6 Album Setting

Album-----Load the photo to Digital Photo Frame. (19 photos at most) <u>STEP-1</u> Open the programmable software.





It can load 19 photos at most; the last one is the size display only.

STEP-3 Double click any frame to load the photo.



1--- Modify photo's position: remove the photo to last or next frame.

2--- Tidy up the photo's sequence. (When cancel one or more photos, it can remake the sequence.)

3--- Exit the Album operation.

2-3-7 Button, Picture's IR remote control

Notice :

Only button and picture components of ECP-T04 can accept IR remote control. The IR remote control setting of button and picture is the same, we only take button's IR remote control setting as an example,

STEP-1 On the current Page, press button key on the interface or use the Component(c) menu to add a button .







STEP-3 Select function property from the dialogue box.

Button's Key Function setting, please refer to step of 2-3-1.

STEP-4 For example, select button's function as scene and choose the scene 01 of zone 1 to be controlled by this button.

🖳 Button Property	
Positon/Border Function Text Images	Edit Scene
IR Select	
	OK Cancel

STEP-5 Select the key on the IR remote controller corresponding to this button. For example, set this button corresponding to the FCN key on the IR remote controller.

🖳 Button Property	
Positon/Border Function Text Images	
Key Function	Edit Scene Zone 1 • Scene 01 •
Fcn v	
	OK Cancel

Press FCN key on the remote controller, ECP-T04 will recall the scene 01 of zone 1. STEP-6 Press OK to save the setting.

Notice: The key on the IR remote controller can be set to recall any function of the button. The remake on the IR remote controller key is different from the actual function set in ECP-T04 it recalls.



IR Select All the key on the IR remote controller.

2-3-8 Value Setting

Value—add channel's dimming value display (from 0%-100%)

2-3-8-1 Add value

STEP-1 STEP-2 Open the programmable software.

Press Value key on the interface or use the Component(c) menu to add a Value.



2-3-8-2 Value property

STEP-1 Double click the added value component.

	🖳 Yaluel Property	×	
Value's position setting	Position Left 16 Top 16	Address Dmx address 2	Channel; s DMX address setting
Dialo	gue box—define value property.		m

1---value's position setting

2---channel's DMX address setting (From 1 to 512)

STEP-2 Press Ok to save the setting.

2-4 Page Setting

2-4-1 Page(User page) Setting

STEP-1 Open the programmable software.





意味の	AR			•	+ 25	d 🗆-	(12)	2
800.0002/F	 我的交換 我的電腦 我的電腦 我的電腦 我的電腦 我的電腦 我的電腦 我的電腦 我的空間 我的空間 我的空間 我的空間 我的空間 我的空間 	n: 1 1010 102M yough	o-file)					
RALDIN	660) 68620	All Factors	(* boop,* ip g,* gi 万式開發(g)	0		•	व्यक्ष क्रम	
			Page Nam Picture Pal	• S	3			Dear

STEP-7 Double click the picture name you want to load.

Rage Property	$\mathbf{ imes}$
Name/Picture	
Page Name SC1	
Picture Path C:\Documents and Settings\REN\.	
Clear	
OK Cancel	

Press Clear to cancel the picture selection.

STEP-8 Press OK to save the setting.

2-4-2. Built -- in Function (Special Page) Setting

Notice: User page: the notion of user page is the same as the Page's. (Please refer to the explanation under 2-3 Component setting.

Special page: The built-in function pages and can be set on the Button Property dialogue box. The special page can be linked by the button component.

Built-in functions include backlight set, voice set, clock set, schedule set/preview and password protection.

The built- in function pages as below,



Take backlight set and voice set as an example.

Backlight Setting

STEP-1 Open the programmable software

STEP-2 From File menu—New project to the New Page.

STEP-3 Press button key on the interface or use the Component(c) menu to add a button.

STEP-4 Double click the button and the button property dialogue box pops up.



STEP-5 Select the function property from the dialogue box.



STEP-6 Select the Page Link from key function list, mark the circle beside Special Page of Page Link column and select Backlight set from the page list.

🖳 Button Property	
Positon/Border Function Text Images	
Key Function Page Link	Page Link C User Page Special Page Page BackLight Set
IR Select	
	OK Cancel

The setting of Text, Images, Positon/Border Property, please refer to the steps of 2-3-1. The button can be linked to following built-in function pages,

	Special Page	
Page	BackLight Set 📃 💌	
	BackLight Set Voice Set Log in Time set ELt Alumb Schedule	

Backlight set page Voice set page Password protection page Clock set page Digital photo frame page Schedule set page

STEP-7 Press OK to save the setting.

After downloading the setting to ECP –T04, the Backlight set page will show by pressing the button.



Voice Set

STEP-8 Add one more button on the same page (New Page), then double click the button and the button property dialogue box pops up.

STEP-9On the function property, select the Page Link from key function list, select "Special Page" in Page Link and select Voice set from the page list. It displays as below,

🖳 Button Property	
Positon/Border Function Text Images	
Key Function Page Link	Page Link C User Page Special Page Page Voice Set
IR Select	
	OK Cancel

STEP-10 Press OK to save the setting.

After downloading the setting to ECP-T04, the Voice Set page can be called by pressing the button.



The setting of clock set page, password protection page and schedule set page, please refer to the steps backlight set and voice set.

2-5 Button's Advanced Setting

Button's advanced setting is the detailed description of the STEP-12 to STEP-13 of

2-3-1 Button Setting

Double click button and select function property from the dialogue box. It will display as below,

Pository/Border Function Text Images		
Unuted .	Select the function from the list.	

Function list as below,



a.**Unused** ——set the Button as unusedb. **Page Link**— Link to other pagesSelect Page Link from button function list,

🖳 Button Property	×
Positon/Border Function Text Images	
IR Select	
ОКСа	ncel

Similar to User Page and Special Page on 2-4-2, user can select the pages that link to the buttons.

By selecting select User Page, user can select the pages from the list of Page Link

column

🖳 Button Property	
Positon/Border Function Text Images	- Page Link
Page Link	User Page Special Page
	Page none Rage1
- IR Select	
None	
	0K Cancel

By selecting • Special Page, user can select the built- in function pages from the list of Page Link column.

🖳 Button Property	\mathbf{X}
Button Property Positon/Border Function Text Images Key Function Page Link IR Select IR Select	Page Link Page Link User Page Special Page BackLicht Set Voice Set Log in Time set ELt Alumb Schedule
	OK Cancel

c. **SCENE**——Recall/turn off the corresponding scene by pressing the button. Select scene from key function list,

🖫 Button Property 🛛 🔀	
Positon/Border Function Text Images	
Key Function	→ 1
IR Select	
OK Cancel	

1---the scene's zone and status (ON/OFF) selection. The zone can be selected from 1-40 and scene from SC 1~SC 12 and SC OFF.

d. Up/Down----- Increase/decrease the corresponding

channel's dimming value by pressing the button.

Select Up/Down from key function list, it will display as below,

🖳 Button Property 🛛 🔀	
Positon/Border Function Text Images	
Key Fusetion Up/Down Channel 1	→ 2
C Up C Down	_
IR Select 1	
OK Cancel	

1----use to set the button to increase/ decrease the channel's dimming value.

- 2---channel selection. It can be any channel from 1~512 channel)
- e. **Dimmer**——By pressing the button, the channel will be turned on at preset dimming value;

By releasing the button , the channel will be turned off.

Select Dimmer from key Function list,

🖳 Button Property	
Positon/Border Function Text Images	Channe Svel
IR Select	
	OK Cancel

Set the Zone, Channel and Dimming Value on Channel Level column .

f. ON/OFF——Set the button as ON/OFF button: press it once, the corresponding channel will be turn on ;press it twice, the corresponding channel will be turn off.
 For example, select the on/off function from the list,

🖫 Button Property 🛛 🗙
Positon/Border Function Text Images
Channel 1
IR Select
OK Cancel

Select the channel no. from the channel level column, and then press ok to save the setting.

h. **Bell press** ——The same function as ON/OFF button.

2-6 Scene Setting

Notice: Scene settings are edited on ECP-T04 directly, while page settings are edited by programmable software. (Please refer to 2-2-1 Menu Introduction to check the download method.)

The following pages are example of user page.

2-6-1. Scene editing

STEP-1 STEP-2

Open the programmable software.

2 Create a new page and add 6 scene buttons (name as Scene1~5,Scene Off).



For example, define button SC1

STEP-3 Double click the button Scene1 and select the function property from the button property dialogue box,

Set Key Function as Scene, Zone as 01, and Scene as 01.

🖳 Button Property	X
Positon/Border Function Text Images	Edit Scene Zone 1 Scene 01
IR Select	
	OK Cancel





- 1----- The zone no. the scene belongs to. There are 40 zones for selection.(Zone1~Zone40)
- 2----- Scene no. selection (SC1~SC12, SC OFF)
- 3----- Scene editing
- 4----Scene copy
- 5-----Scene paste
- 6-----close the scene edit dialogue box

STEP-5 After zone and scene no. selection, press EDIT.

ne Company							
terie componenis							
Channel Name					I will		
		Level	0	% OFF	ON	Select All	
			11				
Channel Description							
Charnel Description							
002			<<	< >	>>		
002							
004		Ramo Rate					
005		naiphae	instantaneou	aly	•		
006							
007		No	Channel	Level	Ramp Rate	Description	
008							
009							
010							
011							
012							
013							
014	>						
015							
016							
017	>>						
018							
019							
020							
021							
022	1						
023	<						
024							
025							
026	ec						
027							
0.28							
029							
030							
031							
032							
033							



STEP-6 Name the scene as SC1 and select channel 1-10 in to this scene.

ene Nare SC1							
Channel Name		Level	0	% OFF	ON	Select All	
Charnel Description							
Charrier Description					1 1		
			<<	$\langle \rangle$	>>		
143							
.04		Ramp Rate	instantaneou	ф	*		
106			-				
		No	Channel	Level	Ramp Rate	Description	
009							
010							
011							
012							
013							
014	>						
015	_						
016	11						
017							
018							
019							
020							
022							
022							
023							
025							
025	~						
027							
028							
029							
030							
031							
032							
033							
1							

Notice: There are 2 methods to select any channel from the 512 channels. Method 1 :

Press Ctrl and click any channel from the 512 channels , for example, select the following channels : channel 1, channel 3, channel 5, channel 7, channel 9, channel 12, channel 13, channel 15, channel 16, channel 17.

cene Components								
Channel Name			Level	• •	¢ OFF	ON	Select All	
001 002 003 004			Ramp Rate	instantaneou		>>>		
006			No	Charged	Level	Ramo Bata	Description	
009 010 012 013 014 015 015 017 017 018	/	> >>						
013 020 021 022 023 024 025 026 026 027		< 						
028 029 030 031 032 032	~							

Method 2:

Press shift and click any continuous channels from the 512 channels. For



example, select channel 1-10.

🖼 Property	
Scene Name Scene1	
Scene Components	
Channel Name	Level 0 2 OFF ON Select All
006	No Channel Level Ramp Rate Description
000 011 012 013 014 015 016 017 018 020 021 022 023 024 025 026 027 028 029 020 021 022 023 024 025 026 027 028 029 030 031 032 033	
	OK. Cancel

STEP-7 Press > to load the selected channels 1-10 into the channels in scene editing area .

ene Name SC1							
cene Components							
Channel Name		0		er Lou L			
	Lew	a lo	× _ 0		Select All		
	_	- U					
Channel Description	<u>^</u>	· · · ·					
001		11	1				
002			<u> </u>				
003	RM	o Bate					
005	rian	instantane	rously	-			
006		1	L. I.		L Barren and State	1	
007		Channel	Level	Hamp Hate	Description		
008		001	0%	05			
003		003	03	0:			
011	4	004	010	0:			
012	5	005	0%	0:			
013	6	006	0%	0.			
014	> 7	007	0%	0:			
015		800	0%	0:			
016	9	009	0%	01			
017	N	010	05	00			
018		-					
019							
021							
022							
023	<						
024							
025							
026	~~						
027							
028							
025							
031							
032							
033	×						

Notice:

-Load the selected channels to the channels in scene editing area.

-Load all 512 channels to the channels in scene editing area.



>>

-Cancel the selected channels from the channels in scene editing area.-Cancel all channels from the channels in scene editing area.

STEP-8 Press Ctrl and click the channel 1, channel 3, channel 5, channel 7, channel 9 in channels in scene editing area.



STEP-9 Press above icons to adjust channel 1, channel 3, channel 5, channel 7 and channel 9's dimming value to 50%.

ne Name SC1								
cene Components								
Turnel Name			60		e l au l			
		Level	50	% OF	FUN	Select All		
Channel Description			1.1.1	7				
001				1.1	1 1			
002		I	<<	< >	>>			
003		I						
004		Ramp Rate	Instantaneo	anha .	-			
005			I markarieou	11V	-			
006			1	$\langle \rangle$	1		-	
867		No	Channel	Level	Ramp Rate	Description		
800		1	001	50%	0s			
009		2	002	0t;	0s			
010		3	003	50%	0=			
011		4	004	0%	0s			
012		5	005	50%	0=			
013	1	6	006	0.4%	0s			
014	>	7	007	50%	0=			
015		8	008	010	0s			
016		9	009	50%	0:			
017	>>	10	010	0%	05			
018				\mathbf{X}				
019				\sim				
020								
021								
022	1							
023	<							
024								
025	1							
026	<<							
027								
028								
029								
030								
031								
032								
033								

STEP-10 Refer to the STEP-8 and STEP-9 to adjust channel 2, channel 4, channel 6, channel 8 and channel 10's dimming value to 100%.

ne Name SC1							
cene Components							
Channel Name		Level	100	% OF	F ON	Select All	
				_			
Channel Description	<u>^</u>						
001			11	1 3	1 11		
002				<u> </u>			
003							
004		Rampf	Tate instantaneo	ssly	*		
005				0			
005		No	Channel	Level	Ramo Bate	Description	
007		1	001	6012	Da.	e crospont	
008		2	002	1005	0.		
003		2	002	50%	0.		
010		Å	004	1005	0.		
011		i i	005	50%	0.		
012			006	1000	0.		
013		2 7	007	50%	0+		
015		. 8	008	1003	0:		
016		9	009	50%	0:		
017		>> 10	010	100%	0:		
018			010				
019				$\mathbf{\nabla}$			
020				-			
021							
022							
023		<					
024							
025							
026		<<					
027	_						
028							
029							
030							
031							
032							
033	~						
1							

STEP-11 Setting the channels in SC1's fade time from Ramp Rate drop-down

For example, set channel 1, channel 3, channel 5, channel 7 and channel 9's fade time as 8 seconds:

Press Ctrl and click the channel 1, channel 3, channel 5, channel 7, channel 9 in the channels in scene editing area. Then press the Ramp Rate drop-down list and select Over 8 Seconds.

					Ramp Rate	over 8 seconds	$\overline{\mathbf{y}}$
Reporty						ζ	
Scene Name SC1						1	
Scene Components							
Charged Name	100		on [
CH10	Level 100	× _ 077	ON Select All				
			-1/				
Channel Description							
002 CH2	<<	$\langle \rangle$	>>				
003 CH3							
005 CH5	tranp Hate over 8	reconds					
006 CH6	No. Com		Description	-			
007 CH7	1 001	100% 8s	inprise Petcipion				
009 CH9	2 002	100% 0s					
010 CH10	3 003	100% 8s					
011	4 004	100% 05					
012	5 005	100% 85					
013	7 007	100% 05					
016 /	9 009	100% 08					
015	9 009	100% 8:					
017 >>>	10 010	100% 0:					
018							
019							
020							
021							
022	1						
023 <							
024							
025							
025							
029							
020							
030							
031							
032							
033							
	1						
				OK.	Cancel		

STEP-12 After setting press ok to save.

The setting of Scene2- Scene5 , Scene Off is the same.

Editing the name of a channel

STEP-13 Select channel 001(or other channel) from the 512 channel's name editing Area, it will display as figure one.



STEP-14 Type CH1 into Channel Name column and it will display as figure two,

STEP-15 Name channel 1 to 10 as CH1 to CH10 separately and it will display as below,



STEP-16 After setting, press OK to save.

2-6-2. Scene recall

STEP-1 Download edited page to the device and press Scene1~5 and SCOFF on the touch panel to recall the scenes .



Notice: ECP-T04has two port -----DMX port and EDX port.



EDX port -----connect Lite-Puter's ECP series control panel.

DMX port----connect DMX controller.

2-7 Schedule Setting

The Schedule setting is for recall the scenes at certain time.

STEP-1 Open the programmable software.

STEP-2 From File menu—New project to the New Page.

STEP-3 Press Button/Picture key on the interface or use the Component(c) menu to add a Button/Picture.

STEP-4 Double click button and select the function property from the button property dialogue box.

Button Property Positon/Border Function Text Images Key Function Page Link	Page Link C User Page Special Page Page Log in BackLight Set Voice Set Log in Time set ELt Alumb	3
Select Page	O Cancel	Select Schedule

The setting of Text, Images, and Position/Border property, please refer to the steps of 2-3-1. For example, we set a Button as below,



STEP-5 Download this page to ECP-T04 and press this button, it will link to the build-in function page .



1-----Activate/Deactivate sche (Yes: ^{III}, No: [□]) 2----Go to last or next schedule set page (ECP-T03 has 50 schedules; each page has 5

schedules, 10 pages in total.)

3-----Add schedule

4-----Edit schedule

5-----Cancel schedule

6-----Select schedule (the schedule can be edited and canceled, only after be

selected; if the schedule's select, it will display as

7-----The scene to be called on the schedule

8-----The scene's zone to be called on the schedule

9-----The execution time of the schedule: hour and minute

For example,

STEP-6 Press New



- 1-----The execution time for the schedule: hour and minute
- 2-----The adjustment keys for hour and minute setting of the execution time
- 3----- The execution time for the schedule: day
- 4-----Select the scene executed on the schedule
- 5-----Display the scene no. executed on the schedule
- 6-----Select zone no. of the scene executed on the schedule
- 7-----Display zone no. of the scene executed on the schedule

STEP-8 If the schedule is that 01:01 am on every Monday, Wednesday and Friday, it will recall the SC01 of Zone 1.



STEP-9

P-9 After setting, press OK to save .

Schedule set	X
C 01:01 Zone 01 Sc 01	
C : Zone Sc	
New Edit Dele	1

It means the setting is saved and can be edited and canceled. schedule is activated.

STEP-10 Press 🐹 to exit.

LITE-PUTER ECP-T04[EUM-C]

means the

2-8 Component Configuration

Open the programmable software, and add 3 components (for example, 3 buttons in different size on the page.



Left and right alignment:

Hold CTRL and select component Cmd1, Cmd2 and Cmd3, then press

Cmd1	Cmd1
Cmd3	Cmd3
Cmd2	Cmd2

Align with left

Align with right

Center and middle alignment :

Hold CTRL and select component Cmd1, Cmd2 and Cmd3, then select components align with center or middle.
Cmd1	
Cmd3	

Align with center



Top and bottom alignment:

Hold CTRL and select component Cmd1, Cmd2 and Cmd3, then press or or to make those components align with top or bottom.







Align with bottom

Width and height

Hold CT	RL and select component Cmd1, Cmd2 and Cmd3,then press	, ₩idth
ģ"] Height	to make those components have same width and height.	

Notice: If you want to make several components have same width and height, you need select the width and height of one as the standard. The component which was selected at the last time is the standard in our software.

For example: in the graphs below, we select Cmd1 as the standard.

or



Make same width

Make same width

Press to make Cmd1, Cmd2 and Cmd3 has the same width and height. The component which was selected at the last time is the standard in our software.

Horizontal Spacing Equal and Vertical Spacing Equal



i md3	i∎d2 i∎d1	
--------------	-----------	--





Vertical Spacing Equal



2-9 **File Download**

After the setting on the programmable software, you must download the file to the ECP-T04.

Button on interface introduction

し All Page	Download all page data to device	🕑 Now Time	Download system time to device
い Now Page	Download current page data to device	d A∥	Download all data to device
凸 Album	Download album photo to device	CD Scene	Download scene data to device

When the ECP-T04 connect with programmable software , press the above buttons and the download progress window will be shown.



Download in progress

Download is ok

Please don't do any setting while file's downloading.

Notice:

1.Press

Search

₽.

to search device's IP. (only after connecting with ECP-T04)



STEP-1 Open the programmable software.

		Correlation Control Co	DMX E Lots Cerver: A Derver: A Dights Tops A Middle: Bottom Bo
STEP-2	Press Se	earch IP set	
		ECP-T04 IP Set Link IP Password:	
		Computer IP: Advance OK Cancel	
		Search	

STEP-3	Press	search.	
			IP set
	1	•	ECP-TD4 IP Set Link IP Password:
	2	•	Computer IP: 192.168.3.133 Advance OK Cancel
	3	•	— [192.168.3.226 (00:1A:66:23:AF:30)-[liuyalong]
			, Search

1-----IP address display column

2----- Advance column decides whether the device Information column display or not.

ok display ; Cancel not display.

3-----device information column

STEP-4 Double click the device information column 192.168.3.226 (00:1A:66:23:AF:30)-[liuyalong].

🖳 IP set 🔀
R
ECP-TO4 IP Set
Link IP 192 168 3 226
Password:
Computer IP: 192.168.3.133
Advance OK Cancel
192.168.3.226 (00:1A:66:23:AF:30)-[liuyalong]
Search

LITE-PUTER ECP-T04[EUM-C]

STEP-5 Press OK to finish the connection between ECP-T03 and programmable software.



Device setting

STEP-1

Open the programmable software,



- 1-----IP address setting
- 2-----Device name setting
- 3-----Password setting
- 4---- MAC address setting

Guarantee

Lite-Puter promises to fulfill the following acceptances:

1. Lite-Puter is only responsible for ECP-T04 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
Α	First version
В	Add copy button function on 2-3-1-1
C	Add Windows 64bit driver

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Lite-Puter

World Headquarters :

Lite-Puter Enterprise Co., Ltd.

Address: 11F, No. 189, Gangqian Rd., Neihu Dist., Taipei City 11494, Taiwan.

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