

# **User Manual**

# **Touch Screen**



Document Release March 2012

#### Warranty

Leviton Manufacturing Co Inc. warrants this control touch screen to be free of material and workmanship defects for a period of two years after system acceptance or 26 months after shipment, whichever comes first. This Warranty is limited to repair or replacement of defective equipment returned Freight Pre-Paid to Leviton Lighting & Energy Solutions Division at PO Box 2210, Tualatin, Oregon 97062, USA. User shall call 1-800-959-6004 and request a return authorization number to mark on the outside of the returning carton, to assure that the returned material will be properly received at Leviton. All equipment shipped back to Leviton must be carefully and properly packaged to avoid shipping damage. Replacements or repaired equipment will be returned to sender freight prepaid, F.O.B factory. Leviton is not responsible for removing or replacing equipment on the job site, and will not honor charges for such work. Leviton will not be responsible for any loss of use time or subsequent damages should any of the equipment fail during the warranty period, but agrees only to repair or replace defective equipment returned to its plant in Tualatin, Oregon. This warranty is void on any product that has been improperly installed, overloaded, short circuited, abused, or altered in any manner. Neither the seller nor Leviton shall be liable for any injury, loss or damage, direct or consequential arising out of the use of or inability to use the equipment. This warranty does not cover lamps, ballasts, and other equipment which is supplied or warranted directly to the user by their manufacturer. Leviton makes no warranty as to the Fitness for Purpose or other implied Warranties.

#### Notice

Although the information contained within this user guide is believed to be accurate at the time of printing, it is not guaranteed to be without fault and is subject to change without notice. Future software releases may change the features or operation of this product. For current information contact:

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# 1. Introduction

#### Leviton's DMX Touch Screen offers a fully flexible user interface to Leviton's control systems.

Implementing touch screen style controls allow for a multi-page user experience specifically tailored to your application. This product is manufactured for Leviton by Liteputer and as such you may find references to either throughout the product documentation.

### 1.1. Features

- Software for designing the customized touch screen interface.
- USB port or Ethernet connection, data download and remote monitoring.
- Built-in functions include backlight setting, sound setting, clock setting, digital photo frame, and password protection.
- Built-in loudspeaker.
- IR remote controller.
- 2W power consumption.
- DC 12V external power.

### 1.2. Specifications

Power Supply	DC: 12V
Signal Output – EDX	EDX-485 (reference application diagrams for allowed cable
Signal Output – EDX	types and wiring methods.
Signal Output – DMX	DMX512/1990 (reference application diagrams for allowed
Signal Output – Divix	cable types and wiring methods.
Signal Connector	4 PIN green terminal
Connection Port	USB/Ethernet
RAM Memory	256MB
Screen Size	5.7 inch
Screen Resolution	320*240 pixels
Color	262K Colors
Screen	4-wire resistive touch panel
Sizo	8.47(W) x 5.51(H) x 1.54(D) inch
Size	215(W) x 140(H) x 39 (D) mm

# **1.3. Port Introduction**



1	USB Port
2	Ethernet Port
3	EDX Port – Used for communication between touch screens
3a	Common
3b	Data -
3c	Data +
3d	+12Vdc
4	DMX Port – Used for output to dimmers
4a	Common
4b	Data -
4c	Data +
4d	+12DC

# **1.4.** Dimensions

### Back Side



#### Leviton Touch Screen

### Front Side



### Wall box



# 2. Installation

# 2.1. System Diagram

The diagram below shows you one typical installation





This system shows multiple touch screens interconnect via EDX which is useful when you need presets to be linked between controllers. As always, final output is via DMX to the load control devices.



#### System Example #2

Shown is a basic system where DMX passes through a controller. Be wary however of this style of system as if the console is turned off, the touch-screen will not work. A better application would be the DMX outputs from the touch screen + console being merged at the NPC or other DMX merger.



#### System Example #3

This shows a basic system where the touch screen is the only controller.

# 2.2. Hardware Installation

- 1. Rough In Back box
- 2. Terminate data wires (reference project application drawings)
- 3. Terminate power wires (reference project application drawings)
- 4. Apply power to touch-screen
- 5. Configure touch-screen from PC

# 3. Programmable Software



# 3.1. Features

#### <u>Page</u>

- The components in a page include button, label, bar, picture, clock and value. The style and function of these buttons can be configured with the software.
- The configurations can be transmitted from PC to the device by USB/Ethernet.
- The button component can include a photo (there are photo icons available in the software). The picture component can add a photo that the user selects and has text, shape and style options to choose from.

#### <u>Timer</u>

• 50 timers.

#### **Built-in Functions**

- Clock setting (can be synchronized with PC).
- 3 Backlight settings (normal, turn off in 5 minutes, and turn off in 20 minutes).
- Voice setting (turn on/off screen tap sound).
- Schedule setting/Preview function.
- Password protection.

The above functions can be linked to the buttons on the page.

### 3.2. Software Installation

Step-1 Copy the ECP-T04/TS005-DI5 installation program from the CD to desktop as shown below



Step-2 Double Click the icon



Select the default language from the list.

**Step-3** After language selection press Next, Press Next again

**Step-4** The license agreement will display, after reading, press Yes. Continue to press Next and the software will finish installing. Once installed a shortcut will appear on your desktop as shown below



# 3.3. Device Driver Installation

After the software has been installed, the next step is to install the device driver.

**Step-1** After installing the software, copy the driver folder in C:\Program Files\Touch Screen\ECP-T04\Driver\ to the desktop



Step-2 Connect the device to your PC using a USB cable. The below dialogue box should appear

Faund New Hardware Wi	zard
	Welcome to the Found New Hardware Wizard         Wedows will search for current and updated software by 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?         O Yes, this time only         O Yes, now and gvery time I connect a device         O No, not this time
	Click Next to continue.

#### Select "no, not this time"



Press Next

Select the driver folder on the desktop



Step-3 Press Next again

Step-4 Press finish and the driver is now installed

# 4. Programmable Software Introduction

# 4.1. Connection between Device and Programmable Software

When the user opens the software the screen should look like figure 1.

Figure 1: Device is not connected



Once the device is connected the screen should look like figure 2.

Figure 2: Device is connected



The device can be connected by USB or Ethernet, select from drop down list as shown below



Leviton Touch Screen

# 4.2. Menu Introduction

🖳 ECP	-T04-sample	.tp4				
$File(\underline{F})$	$Component(\subseteq)$	Format( <u>O</u> )	$DownLoad(\underline{D})$	Device-Set(S)	$Language(\underline{L})$	Help( <u>H</u> )

File menu is used to create, open and save a file



New Project	Create a new project
Open	Open a file
Save	Save a file
Save As	Save As file
Exit	Exit the program

Component menu adds a button, a label, a value, a clock, a picture and a bar



Button	Add a button
Label	Add a label
Value	Add a value
Clock	Add a clock
Picture	Add a picture
Bar	Add a bar

Format menu modifies the components' position, size and spacing



### Align submenu options



Lefts	Align Left
Centers	Align Center
Rights	Align Right
Tops	Align Top
Middles	Align Middle
Bottoms	Align Bottom

Make same size submenu options



Width	Make same width
Height	Make same height
Both	Make same width and height

Horizontal spacing submenu options



Make Equal	Make horizontal spacing equal

### Vertical spacing submenu options



	Material states and st
Make Equal	Make vertical spacing equal

Download menu - download data from the software to the device



All Page	Download all pages
Now Page	Download current page
Now Time	Download the current time

Device-Set Setting Includes: IP setting, device description, password setting and MAC address setting

Device Set		
System descriptio First Floor	n	
IP Set		
IP address	192 168 3 226	Change
Description set		
Device description	liuyalong	Change
For example: "Kitche	n Computer" or "Mary's Computer"	
Password set		
Paseword	000000	Change
For example: "00000	0" or "9888888"	
Description set		
MAC address 00	• 1A • 66 • 23 • AF • 30	Change
	t Random Mac address	
		Exit

Language Menu allows the user to select the preferred language. Three languages are available; English, simplified Chinese and traditional Chinese

🖳 ECP	P-T04							
File(F)	Component(C)	Format(O)	DownLoad(D)	Device-Set	(S) L	anguage(L)	Help(H)	
						English Simplified C Traditional		
			🗖 Butto	_	Ø Open	Sav		D NewPg
			A Labe					



A software introduction can be found in the Help Menu.

Contacting Technical Support

If you cannot find answers in this User Manual, please contact Technical Support and we will be glad to answer your questions.

You can also call us during regular business hours at 1-800-959-6004. Please have the model number information available when you call.

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#### DMX ©∰ Open 🛐 D-set 🔛 Save D NewPg E Search X DelPg -Button 🔁 Lefts A Label 5 😩 Centers 🖥 Bar 릨 Rights 🕝 Clock Int Tops 88 Picture • Middles % Value DI Bottoms Scene ₩idth Album 👘 ∲∏ Height **₽₽**Both 🖍 Undo a ode HE qual ∩ Redo 욹 VEqual 🕑 Nowtime 凸 Album ि Scene 也 All AllPage NowPage **P** Usb 👻 Version: 1.5.0.090811 (DMX)

# 4.3. Interface Introduction

1. Interface Button Description

Dpen	Open File	X DelPg	Delete Any Page
Save	Save File	) Search	Search Device's IP
D NewPg	Create New Page	D-set	Device Setting

### 2. Interface Button Description

Button	Add Button	88 Picture	Add Picture
A Label	Add Label	% Value	Add Value
📕 Bar	Add Bar	Scene	Scene Editing Button
Clock	Add Clock	Album	Album Setting
い Undo	Undo the Setting		Redo the Setting

3. Interface Button Description

凸	Download all Page	占	Download System Time
AllPage	Data to Device	Nowtime	to Device
い	Download Current	eta	Download all Data to
NowPage	Page Data to Device	All	Device
凸	Download Album	ي	Download Scene Data
Album	Photo to Device	Scene	to Device

#### 4. Interface Button Description

臣 Lefts	Align Components Left		Make Components the Same Width
ê Centers	Align Components Center	호]] Height	Make Components the Same Height
릨 Rights	Align Components Right	Ear Both	Make Components the same Width and Height
Tops	Align Components Top	DD= HEqual	Horizontal Spacing Equal
•]• Middles	Align Components Middle	움 VEqual	Vertical Spacing Equal
alli Bottoms	Align Components Bottom		Select a Page

5. Displays what will show on the device screen.

# 4.4. Component (Button, Label, Bar, Picture, Clock, Value) Setting

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

**<u>Component</u>**: A graphic object displayed on a page. Components include buttons, labels, bars, values, clock and pictures.

There are 5 types of components:

**Button:** The button is used to control an action, when you touch a button the programmed action takes effect. For example a button can turn on a light or recall a scene. A button can have text and or images programmed on it. Buttons with different functions, backgrounds, borders and styles can exist on the same page. See button examples below.



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

Page Link: Link to another page.

Scene Control: Recall the scenes of the controller.

Channel Dimming Value: 2 control methods are available-

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

(The channel no. and zone no. are dependent on the EDX system working with the device)

One Button: directly recall a preset dimming value, for example 50%.

**Label:** Label is used for descriptions.

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

**<u>Picture:</u>** The function of picture is the same as button.

**<u>Clock:</u>** Display time on the device.

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

Leviton Touch Screen

### 4.4.1. Button Setting

### 4.4.1.1. Add Button

Step-1 Open the software



Step-2 Press button key on the screen or use the component menu to add a button



### 4.4.1.2. Button Property

Position	Border		
Left 16 Top 16	Border Shape	Rounded Rectangle 💌	
Width 72 Height 32	Border Width	•	
	Border Style	Solid 💌	
Back colour set		Border color	
Inactive	Active	Color	t l
Set Color	Set Color	Background	
		Color	1
		OK C	ancel
-			
			•

**Step-1** After a button is added double click it to access the button property window

#### **Text Setting**

**Step-2** Select the text property from the dialogue box



1	Text displayed when the button is inactive
2	Text displayed when the button is active
3	Align the text position
4	The color the text displays when the button is inactive
5	The color the text displays when the button is active

**Step-3** Enter text into the active and inactive boxes. For example enter "ROOM ON", into inactive and "ROOM OFF" into active



**Step-4** Use text alignment to choose text position on the button. The position chosen is indicated by an "X''

Button	Position/Bord	der Function	Text   Image	s				
Label Bar ) Clock	Inactive ROOM	ION		_	Font color	Text Alignr		
} Picture			Set Font		Color		×	
Scene	Active				Font color			
Album	ROOM	I OFF						
Undo Redo					Color			
						ок	Cancel	

Step-5 Press OK to save the text setting



#### **Image Setting**

**Step-6** Double click the button and select the images tab from the property dialogue box



**Step-7** Select any image below and use image alignment to choose the **image's position on the** button



Step-9 Press OK to save the image setting



### **Function Setting**

🖼 Button Property DN Position/Border Function Text Images Key Function . Unused -Button Lefts A Label 😩 Cent 🗧 Bar 릨 Righ 🕘 Clock IR Select 2 णां Top: 88 Picture None + **⊷** Midd % Value 000 01 Bott Scene **₩id** Album G 🛊 🛛 Heig ОК Cancel [화]Both 🖍 Undo • ₩0⊷ HE q 🕶 Redo 울 VEqu db Album ල් Scene طلہ All 也 ⅆ AllPage Nowtin NowPac

**Step-10** Double click the button and select the function tab of the property dialogue box

1	Key Function	Selects the function for the button
2	IR Select	Defines which key on the IR controller controls the button

#### **Key Functions**

	Button P Position/Bor					
	Position/Bor	· · · · · · · · · · · · · · · · · · ·				
	Un Pag Sce Up, Din On	unction used sed je Link ene 20own mer 20ff Press lect	Text Images		Ś	
1	-				 ок	Cancel
		-	西	西	 da l	رماني ط

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

After a function has been selected from the list, refer to <u>4.9 **Button's Advanced** Setting</u> for instructions on setting the advanced settings.

Open	Save NewPg Button Property	DelPg	Search	D-set	Pana1	Þ	3
	Position/Border Function	Text   Images					
	- Key Function Page Link	•	Page Lin Page	<ul> <li>User Pag</li> <li>Special P</li> </ul>	age	ī	
	IR Select	T			000		
				00	OK	Cancel	
_		也	也	¢	也	也	G

Step-11 For example set the button function as Page Link

Step-12 Press OK to save the function setting

**Step-13** Position/Border Setting – Double click the button again and select Position/Border from the property dialogue box



1	Position and size setting
2	Border setting
3	The button color displayed when the button has an inactive status or active status
4	Border color setting
5	Border background setting

#### Note:

#### *Left/Top – Adjusts button's position on the illustration area. Width/Height – Adjusts button's width and height.*

Step-14 Click into the box to the right of left/top/Width/Height 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 has a status of inactive; set the button as blue, when it is active.

Button Propert	У			Þ
Position/Border   Fu	nction   Text   Images			1
Position		Border		
Left 0	Тор 0	Border Shape	Rounded Rectangle 💌	
Width 80	Height 60	Border Width	1 🗾	
		Border Style	Solid	
Back colour s	et		Border color	
Inactive		Active	Color	
	==>		in a surface	
SetC	olor	Set Color	Background Color	
				_
			OK Cano	el

#### **Border Setting**

	Button Property Position/Border Func	ion Text Images			×
	Position		Border		
	Left 0 Width 80	Top 0 Height 60	Border Width	Rounded Rectangle Rectangle Oval Rounded Rectangle Solid	
	Back colour set		Active	Border color	97
	Set Cold		Set Color	Background Cold	r
-				ок	Cancel

Border Shape options:					
Rectangle					
Oval					
Rounded Rectangle					

E E		ר x		<b>B</b>	_		
Open		wPg DelPg	Search	D-set	Pane1		× 1
	Button Proper			_		×	
	Position/Border F	unction   Text   Image	es			1	
-	Position			lorder			
4	Left 0	Top 0	в	order Shape	Rounded Rectangle		
	Width 80	Height 60	- 8	order Width	1	-	
	wider jee	in agric for	B	order Style	2	-	
	-Back colour : - Inactive -	set	Active	5	5		
					3.	<u>~</u>	
	Set	==> Color	Set I	Color	Background		
					Col	or	
	-				ок	Cancel	
7		1				Cancer	
		طل الک AliPag				Scene	⊡ All
		- Sill Og	io nom c	go Homu	- Album	ooche.	151

Select border width from the list

	©∄ Open	Save	D NewPg	X DelPg	Search	D-set	Panal	-
Button		🖳 Button P	roperty					
Label		Position/Bor	der Function	Text   Image	s			
Bar		Positic	n			Border		
Clock		Left	0	Top 0	-	Border Shape	Rounded Rectangle 💌	
Picture		Width	80	Height 60	_	Border Width	1 .	
						Border Style	Solid	
Value		Back	colour set				Transparent Solid Dash	
Scene			active		Active		Dot Dash Dot	
Album				==>			Dash-Dot-Dot	
			Set Color		Se	t Color	Background	
Undo							Color	
Redo								
							OK Ca	ncel
				也	d	5 d	b (b)	d d

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

*Note:* Before the style selection, border width must be set at least at 1.

For example: Set the border shape as oval, border width as 6, and border style as dash.

**Step-15** Select the drop down list for the border shape/border width/border style list to choose the right item

n	Button Property		-
	Position/Border Function Text Images Position Left 0 Top 0 Width 80 Height 60	Border Shape Dval V Border Width 6 V Border Style Desh V	
	Back colour set	Active Border color Color Set Color Background Color	
		OK Cancel	

Step-16 Press OK to save the position/border setting



Note: All button properties can be set at the same time and then press ok to see results.

### 4.4.1.1. Copy Button

Copy the border shape, border color, background color and inactive, active color settings of one button to another.



Step-1 – Add a new button to the display and set its style properties



Now there are 2 buttons on the page; Meeting Room and Cmd2

**Step-2** Select Meeting Room Button and right click to select Format Copy



Step-3 Select cmd2 and right click to select Format Paste to copy the setting





Now double click the cmd2 button to review the property changes.

, <u> </u>	(과 Open	Save	D NewPg	X DelPg	E Search	D-set			
		Button P		a constant	Jealon		Pana	Þ	
itton		Position/Bo	der Function	Text Image	es				
ibel ir		Positi	on			Border			ļ.
ock		Left	32	Top 64	-	Border Shape	Rounded Rectang	le 💌	릨
oture		Width	96	Height 32	-	Border Width Border Style	1 Solid	-	ı تە
alue						Dorder Style	Taolid		-01-
ene			colour set		Active		Border color	olor	
oum				==>					
ndo		-	Set Color	1	S	et Color	Background	olor	er.L
ado									ы
							ок	Cancel	ł
1			-						
				山 AllPac		🔄 d Page Now	년 년 vtime Album	ರ Scene	All All
### 4.4.2. Label Setting

#### 4.4.2.1. Add Label

CP II D X II (2) Open Save Newfg Delfy Search D-tet Homefg2	DMX
Button	
A Laber	E Lefts
B Bar	A Centers
(Clock	뤽 Rights
28 Picture	opt Tops
% Value	•[] Middles
Scene	alls Bottoms
Abum	₩idth
Hannah and a second sec	∳"[] Height
in Undo	문화3Both
Redo	DO= HE qual
	불 VEqual
db db db db AlPage NowFage NowFage Scene	cb Al
	Version: 1.5.0.090811 (DMX)

Step-1 Open the software

Step-2 Press label key on the interface or use the component menu to add a label



### 4.4.2.2. Label Property

	1	
Position	Border	臣 Lefts
Left 16 Top 16	Border Shape Rounded Rectar 💌	복 Centers
width 80 Height 16	Border Width	릨 Rights
man part of the second s	Border Style Solid	Tops
		• Middles
		Di Bottoms
		₩idth
		ç 🗍 Height
		문화를 Both
		POP HE qual
	OK Cancel	불 VEqual
		1
		Left     16     Border Shape     Rounded Recter       Width     80     Height     16       Border Style     Solid     I

Step-1 Double click the label to show the label property dialogue box

**Step-2** Text setting – Select the text tab in the dialogue box



1	Text that displays on the label
2	Aligns the text position
3	Background color setting
4	Text color setting

Please refer to <u>4.4.1.2 Button Property</u> to finish the label's text settings.

**Step-3** Position/Border Setting -Double click the label again and select Position/Border tab of the dialogue box



1	Position and size setting
2	Border setting

Please refer to <u>4.4.1.2 Button Property</u> to finish the label's settings.

	Open 🖳 Label Property	ı x	<b>e.</b> (8)		•
Button	Position/Border Tex	i]			
A Label	Position		Border		E Lefts
Bar	Left 16	Top 16	Border Shape Round	ded Rectar 👻	🖨 Centers
Clock			Border Width Square Oval	ngle	릨 Rights
% Picture	Width 80	Height 16	D. L. Cut. Circle	Jed Rectangle	igi Tops
% Value			Round	ded Square	• Middles
Scene					tlls Bottoms
Album					<b>₩idth</b>
					ó [] Height
					Ctae
ir⊃ Undo					[한] Both
					문야를 Both DO= HE qual
⊷ Undo ⇔ Redo				JK Cancel	
	_			DK. Cancel	PD= HE qual

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

Leviton Touch Screen

### 4.4.3. Bar Setting

#### 4.4.3.1. Add Bar

Step-1 Open the software



Step-2 Press the bar key on the interface or use the component menu to add a bar



#### 4.4.3.2. Bar Property

] Button	C <del>2</del> Open	Save NewPg	X E DelPg Sea		Page1	-	
∖ Label   Bar			_		-		臣 Lefts 拿 Cente 릨 Right
) Clock 8 Picture 6 Value		Position	Top 16	<b>2</b> Address Dmx address	1	3	ा Tops अन् Middle वीर Bottor
Scene Album				OK	Cancel		₩idtr ∯]] Heigh ∰ Both
י Undo א Redo						•	전 VEqu
			년) AllPage	년 NowPage Nowtime	e Album	C Scene	cb All
1	Position	Where	the har	will annea	ar on the	display	

Step-1 Double click the bar on the page

1	Position	Where the bar will appear on the display
2	Address	Channel's address setting (From 1 – 512)

Step-2 Press OK to save the setting

### 4.4.4. Clock Setting

#### 4.4.4.1. Add Clock

Step-1 Open the software





**Step-2** Press clock key on the interface or use the component menu to add a clock

The clock can only be synchronized with the system time; time cannot be set manually.

### 4.4.5. Picture Setting

#### 4.4.5.1. Add Picture



Step-1 Open the software



Step-2 Press the picture key on the interface or use the component menu to add a picture

# 4.4.5.2. Picture Property Position/Picture Setting



	_								DI
		Save NewPg	and the second se		Set	Pagel		-	
}utton		licture Property					×		
abel	(Pa	sition/Picture Function	Text ]				- 1		E Left
lar		Position							皋 Cen
Clock		Left 16	Тор	16					릨 Rigi
Picture		Width 50	- Height	50					int Top
/alue									에 Mid
icene		Picture			F	4			<u>allı</u> Bott
Nbum		2 Inactive Picture Pal	th						₩id
		11				Fit Picture			of [] Heig
Jndo		3 Active Picture Path			5				[라] Both
Redo					•				POPH HE C
						ок	Cancel		룸 VEc
			d) AlPage	凸 NowPage	<b>団</b> Nowtime	طع Album	ि Scene	₫ All	

1	Position	Where the picture will appear on the display and the size
2	Inactive picture path	Picture that will display when the picture is inactive
3	Active picture path	Picture that will display when the picture is active
4	Fit picture	Makes the photo the same size as the picture illustration area
5	Folder icon	Click to load picture

#### **Text Setting**

©∂ Open R Save D NewPg X DelPg 📓 D-set **B** Search . X Relative Property Button Position/Picture Function Text E Lefts Label **2** Text Alignment 3 😩 Cent Bar Inactive Font cold 1 릨 Right Clock х int Tops Picture Color Set Font 아 Midd Value 001 Botto Scene **₩idt** Album o 🗍 Heigh [한] Both Undo enter HEqu 출 VEqu OK Cancel ₫ All 凸 Album 也 NowPag Scen

**Step-2** Double click the picture and select text from the property tab in the dialogue box

1	Inactive	Text that will display when the picture is inactive
2	Text alignment	Aligns the text position
3	Font color	Text color

#### **Function Setting**

**Step-3** Double click the picture and select the function tab in the dialogue box



**Step-4** Press OK to save the setting

### 4.4.6. Value Setting

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

#### 4.4.6.1. Add Value

Step-1 Open the software



Step-2 Press the value key on the interface or use the component menu to add a value



### 4.4.6.2. Value Property

	Open	Save NewPg DelPg Search Diset Page1	-
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bel			L.
ır 👘		*1002*	\$
ock	1	Value Property	4
sture		Position 2 Address	
ilue			-0]
ene		Left  16 Top  16 Dmx address  1 _	<u>00</u> 1
oum			L.
		OK Cancel	÷[
ndo		iteria .	<b>E</b>
edo			DÜ
			岩
I			cb
		AllPage NowPage Nowtime Alhum Scene	All
1	Position	Value's position setting on the display	
2		Channel's DMX address setting (From 1-512)	
2	Address	Charmer's Drik address setting (FIOIT 1-312)	

Step-1 Double click the added value component

Step -2 Press OK to save the setting

# 4.5. Album Setting

Album – Loads the photo to the digital photo frame. (19 photos maximum)

Step-1 Open the software



Step-2 Press Album key



The program can load 19 photos maximum, the last frame is the size display, a photo cannot be uploaded to this slot.

1	Modify the photo's position, move the photo to last or next frame
2	Tidy up the pho <b>to's sequence (When</b> photos are deleted, it will update the sequence)

3 Exit the album operation



**Step-3** Double click any frame to upload the photo.

### 4.6. Button, Picture's IR Remote Control

**Note:** Only button and picture device components accept IR remote control. The IR remote control setting for button and picture operate the same, the following example applies to both components.

**Step-1** On the current page, press the button key on the interface or use the component menu to add a button



Step-2 Double click the button

	Position/Border Function Text Image:	s	
	Position	Border	-
Button	Left 16 Top 16	Border Shape Rounded Rectangle -	
Label	Width 72 Height 32	Border Width 1	臣 Lefts
Bar		Border Style Solid 💌	🖨 Centers
Clock	Back colour set	Border color	릨 Rights
Picture	- Inactive	Active Color	OT Tops
. Value			• Middles
Scene	Set Color	Set Color Background	<u>alli</u> Bottoms
		Set Color Background Color	💷 Bottoms
	Set Color		
Album	Set Color		,
Album	Set Color		⊊o, Width ∳∏ Height
Scene Album 2 Undo	Sei Color		्रिः Widh र्तुं Height सिंग्रे Both
Album	SetColor		등 Widh 호] Height 호상 Boh 호아 HE qual 불 VE qual

	Button Property	DMX
	Position/Border Function Text   Images	DIA
Button	Key Function	T
A Label		臣 Lefts
Bar		鸟 Centers
() Clock	IR Select	릨 Rights
88 Picture		ग्तुर Tops
% Value	None         ▼         ○ ○ ○         ○           ○ ○ ○         ○ ○         ○	•()• Middles
Scene	©	101 Bottoms
Album		
-		∳]] Height
⊮⊃ Undo	OK Cancel	[∳]Both
C¥ Redo		DDo HEqual
		불 VEqual
	යා දුරු AlPage NowPage NowIme Album Scone	db All

Step-3 Select the function tab in the property dialogue box

To set the button's key function setting, please refer to <u>4.4.1.2 Button Property</u>.

**Step-4** For example, select the function as scene and choose scene 01 of zone 1 to be controlled by this button

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

ලි Open	Save NewPg DePg Search Deet	DMX
Button	Button Property	
A Label	Position/Border Function Text Images	📙 Lefts
Bar	Key Function Edit Scene	😩 Centers
Clock	Scene Zone 1	🗐 Rights 🚽
\$8 Picture	Scene 01 💌	agt Tops
% Value		아 Middles
Scene	IR Select	Bottoms
Album	IR Select ○○ ○ For ○○ ○ ○○ ○	Width
	00	o 🗍 Height
⊮∩ Undo		[한] Both
C™ Redo		600 HE qual
	OK Cancel	불 VEqual
1		
	AllPage NowPage Nowtime Album Scene All	
Usb 💌	Version	: 1.5.1.091020 (DMX)

When the FCN key is pressed on the remote controller, the device will recall scene 01 of zone 1.

Step-6 Press OK to save the setting





IR Select – all of these options are available for the IR remote controller; None, Off, Sc1, Sc2, Sc3, Sc4, Sc5, Sc6, Increase, Decrease, Fcn, Mem, Zone, Up, Down, Left, Right and Set.

## 4.7. Page Setting

#### Page (User Page) Setting

Step-1 Open the software



Step-2 From file menu – select new project





Step-4 From the drop down list select Page2, and then double click the display area



Open	Save NewPg DelPg Search D-set	lage2	
Button			-
Label			뤸
Bar	Rege Property		\$
) Clock	Name/Picture		믝
Picture	Page Name SC1		100
Value	Picture Path		아
Scene	Clear		001
Album			
ADUIT			ŧ
	☐ Set As Default Page OK Cancel		 EB
Undo		•	_
Redo			Die
			elia.
		5 d d	

Step-5 Click the page name box and change "Page2" to "SC1"

Step-6 Press the ... button to get your picture path



Dpen. Save	D X E € NewFg DaFg Search D-set Page2	DMX
Button		E Lefts
A Label	Let Page Property	A Centers
Clock	Name/Picture Page Name   SC1	引 Rights
X Value	Picture Path P:\Marketing\lagos\Lev_BW.ipg	•@ Middles
Scene	Clear	D Battoms
Album		tor Width
k≏ Undo	IT Set As Default Page OK Cancel	문한 Both
r¥ Redo	•	PO= HE qual
		불 VEqual
	් ප්රා AlPage NowPage Nowline Album Scene	
Lisb 💌		

Step-7 Double click the picture file you want to upload

Press Clear to cancel the picture selection

Step-8 Press OK to save the setting.

# 4.8. Built-in Function (Special Page) Setting

**Note:** User page, the notion of user page is the same as the page's (please refer to the explanation under <u>4.4 Component (Button, Label, Bar, Picture, Clock and Value Setting</u>)

Special page: the built-in function pages 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 available are shown below

Backlight set	Voice set	Password
Tum off backlight	Turn off /on voice	1         2         3           4         5         6           7         8         6           Cir         0         8k
Clock set X Now time S Hour Min Week :	Schedule set	

#### **Backlight Setting**

- **Step-1** Open the software
- **Step-2** From the file menu new project
- **Step-3** Press the button key on the interface or use the component menu to add a button **Step-4** Double click the button to access the button property dialogue box

Position/Border	unction   Text   Images		1	
- Position		Border		
Left 16	Top 16	Border Shape Rounde	d Rectangle 💌	
Width 72	Height 32	Border Width 1	1	
		Border Style Solid	1	
-Back colour s	et	B	order color	
- Inactive -		Active	Color	
L	==>		ackground	
Set I	volor		Color	
			OK Cancel	
				•
	1	d d	4 4	<b>b b</b>

**Step-5** Select the function tab in the property dialogue box.

	🗏 Button Property								DN
	Position/Border Function	Text   Images				- 1			CIT
	Key Function							-	
Button	Unused	-							
A Label									E Lefts
🚦 Bar									& Center:
🕞 Clock	IR Select		1	00 0	1				릨 Rights
28 Picture	None	•		000					Of Tops
% Value				0000	2				• ₽ Middles
Scene				000					Di Bottom
Album				. Oans					<b>₽</b> ₩idth
					ок	Cancel			∲[] Height
v∩ Undo							•		[∳] Both
₩ Redo		_	_			-	_		DO= HEqua
									출 VEqual
			ds.	也	也	da	<b>B</b>	¢	
			AllPage	NowPage	Nowtime	Album	Scene	Al	

**Step-6** Select the page link from the key function list, under page link select Special Page and select backlight set from the page drop down list.

Button Property		and the second			×
Position/Border Function	Text   Images				1
Key Function Page Link	•		User Page Special Page		
			ckLight Set	-	
IR Select		6			
None	•		0 0 0		
		e			
			000		
			OK	Cancel	

The setting of text, images, position/border property, please refer to <u>4.4.1.2 Button Property</u>. The button can be linked to the following built in function pages.

on	Button Property	a.)			
	Position/Border Function Text   Imag	Page Link	<ul> <li>User Page</li> <li>Special Page</li> </ul>		
k ure		Page	BackLight Set BackLight Set Voice Set Log in Time set		
m	IR Select None	I	Album Schedule		
<b>0</b>			$\bigcirc \bigcirc $		
			OK.	Cancel	

Special Page options:
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 the device, the backlight set page will show by pressing the button.

Turn o	off backlight
100	If device is not used for 1min.
10	If device is not used for 5min.
0	If device is not used for 20min.
	Always, turn on backlight.

#### Voice Set

**Step-8** Add one more button on the same page (new page), then double click the button to access the property dialogue box

**Step-9** On the function property, select the page link from the key function list, under page link select special page and select voice set from the page list

	ලි Open	Save NewPg	<b>X</b> DelPg		D-set	Panel			
Button Label Bar Clock		Position/Border Function	ion   Text   Images   	Page Link- Page	<ul> <li>C User Page</li> <li>C Special P</li> <li>Voice Set</li> </ul>				臣 Leff 冬 Cer 릨 Rig 可 Top
Picture Value Scene Album		IR Select			00				Hei
Undo Redo						OK	Cancel		11 Hos 단글Bot 메에 HE
list			AllPage	d∰ NowPage	D Nowtime	db Album	C Scene	년 All	H

Step-10 Press OK to save the setting

After downloading the setting to the device, the voice set page will show by pressing the button.



**Note:** For setting of clock set page, password protection page and schedule set page, please reference the steps for backlight set and voice set above.

# 4.9. Button's Advanced Setting

Button's advanced setting is the detailed description of the 4.4.1.2 Button Property.

Double click the button and select the function tab from the property dialogue box.

	Button Property Position/Border Function Text Images		
ton	Key Function		
ck. ture	IR Select		
ene um			
do to			•
	d) AlPage	년 년 년 NowPage Nowtime Albur	

Function list as below

Open	Save NewPg DelPg Search D-set	
	Rutton Property	
Y	Position/Border Function Text Images	- 1
	Key Function	
	Unused 💌	
	Page Link Scene	
	Up/Down Dimmer On/Off	- I
	Bell Press	
	IR Select	
	0 0	
	ŬK.	Cancel
		6 6

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

Similar to user page and special page in <u>4.7 Built-in Function (Special Page) Setting</u> user can select the pages that link to the buttons.

By selecting key function as page link and selecting user page, the user can select the pages from the list in the page drop down.



By selecting key function as page link and selecting special page, user can select the built-in function pages from the list in the page drop down.

	🖳 Button Property				
1	Position/Border Function Text Ima	ges			1
	- Key Function Page Link	Page	C User Page Special Page BackLight Set BackLight Set Voice Set Log in		
	TR Select None ●		Log at       Log at       Album       Schedule       O O       O O       O O       O O       O O       O O       O O		
			O O O OK	Cancel	

By selecting key function as scene the button will recall/turn off the corresponding scene when pressed. Select scene from key function list.

0pen	Save	L) NewPg	X DelPg	Search	D-set	Boomi	_		
itton	🖼 Button I	Property				11 Boama			
	Position/Bo	order Function	Text Images	ſ					12
bel	- Keu	Function		- Edit Sce	ene		_		
	100	cene		Zone					4
ick			-	2.0/16	s lu				ł
ture				Scer	ne 01	-			Ē
ue									
					60	2			
ene		elect			00	0			
um	18	one			00	Θ			
					00	0			į
do									8
do						2			DH
					-				ł
						OK	Cancel		
			<b>b</b>	也	d d	也	也	也	

Zone options:	1 – 40
Scene options:	Sc1 – Sc12 and Sc Off

Edit Scene is where the user sets the zone and scene for the button.

By selecting key function as up/down the button will 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	Search D-set Parnet
Position/Border Function Text Image	
Key Function	2 <sup>Channie Level</sup>
Up/Down	Channel 1
	(* Up
	C Down
	0
IR Select	
None	
	OK Cancel
- de la companya de l	

1	Use up or down to set the button to increase/decrease the channel's dimming value
2	Use channel to select any channel from 1-512

By selecting key function as dimmer the channel will be turned on at the preset dimming value when the button is pressed; by releasing the button, the channel will be turned off.

Select dimmer from key function list

🖳 Button Property			
Position/Border Function		2	
Key Function	Channel T		• *
Dimmer			
		nstantaneously 👻	
	3 Fade i	Instantaneousiy	
	,		
IR Select			
None	<u>.</u>	0000	
		000	
		000	
		ок	Cancel
		UK	Lancel

Set the zone, channel and dimming value on channel level area.

1	Channel	Select channel 1-512
2	Value	Dimming percentage
3	Fade	The fade time for the dimming percentage to be executed in

By selecting key function as on/off the button is set as a on/off button; press it once, the corresponding channel will be turned on; press it again, the corresponding channel will be turned off. For example, select the on/off function from the list.



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

By selecting key function as Bell Press the button will have the same function as an on/off button.



# 4.10. Scene Setting

**Note:** Scene settings are edited on the device directly, while page settings are edited by the software. (Please refer to <u>4.1 Connection between Device and Programmable Software</u> for downloading instructions)

The following pages are examples of user pages.

### 4.10.1. Scene Editing

Step-1 Open the software





Step-2 Create a new page and add 6 scene buttons (name as Scene 1-5, Scene off)

**Step-3** Double click the button scene 1 and select the function tab in the property dialogue box.

D NewPg X DelPg R 8 國 Save Search D-set X 🖼 Button Property Button Position/Border Function Text Images E Le Label Key Function Edit Scene 😩 Ce Bar + Scene Zone 1 -릨 Rig Clock Scene 01 -To To Picture •P Mi Value <u>oli</u> Bo Scene IR Select 000 None -Album ģ∏He 000 ₩ E¢]Bo Undo He-HE Redo 룸 VE 0K Cancel (⊡ AllPage 🕑 NowPage \_\_\_\_\_ Nowtime 凸 Album 🕑 Scene む All

Set key function as scene, zone as 1 and scene as 01



**Step-4** Then press the Scene button on the interface

1	The zone no. the scene belongs to. There are 40 selectable zones. (Zone 1 - Zone 40)
2	Scene no. selection (SC1 – SC12, SC off)
3	Scene editing
4	Scene copy
5	Scene paste
6	Close the scene edit dialogue box

Francis Inc.			
Channel Description 001	~	- Constrants	
002		<u>(( ( ) 7)</u>	
003		Ramp Rate over 4 seconds	
005		Bamp Bate over 4 seconds	Cutput for preview
006	T	The second secon	
007		No Dmx add Level Ramp Rate Description	
000			
009			
010			
011			
012	1		
013 C	3		
014			
015			
017	>>		
018			
019			
020			
821			
021 022			
023	c		
1124			
024 025	<k td=""  <=""><td></td><td></td></k>		
026			
827	- Contraction of the local division of the l		
028			
029			
030			
031 032			
032			
032	3		

Step-5 After zone and scene no. selection press edit

В	Channel name editing
С	512 channel's name editing area
D	Channels in scene editing area
Е	Scene fade time
F	Channel's dimming value selection (from 0%-100%)
G	Select all the channels in area D
Н	Shift channels dimming value from 0% and 100%
1	Directly type in the channel's dimming value

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

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, and channel 17.

ene Name SC1						
cene Components						
Channel Name	Level				Select All	
Channel Description		<				
003 004 005	Ramp Rate	over 4 second	ls	•		Cutput for preview
006 007	No	Dmx add.	Level	Ramp Rate	Description	
008 009 010						
009						
011						
012 013						
013 >						
014 015 016						
015						
016 >>>	>					
018						
019						
020						
021						
023						
024						
025						
026						
027 028						
029						
030						
031						
032 💌						

ne Name  SC1 ene Components   ihannel Name	- 1	Level	0	* _0	F ON	Select All		
Channel Description	^							
002			~~	< >	>>			
002 003 004 005 006 007		Ramp Rate	over 4 sec	anda	-			
005			10101 4 580		-		Cutput for preview	
006		No	Dmx add.	Level	Ramp Rate	Description		
008			1					
008 009 010								
010								
011								
012	1							
013	- ×							
014								
015	6							
016	>>							
017								
018								
019								
020								
021 022								
022	<							
023								
024								
025	<<							
026 027								
027								
028								
029								
030								
031								
032	*							
<	8							

Method 2: Press shift click any continuous channels from the 512 channels. For example select channel 1 - 10

**Step-7** Press > to load the selected channels 1-10 into the editing area



1	>	Load selected channels to the editing area
2	>>	Load all 512 channels to the editing area
3	<	Remove the selected channels from the editing area
4	<<	Remove all channels from the editing area

**Step-8** Press ctrl and click the channel 1, channel 3, channel 5, channel 7, channel 9, in the editing area



**Step-9** Press level icons to adjust; channel 1, channel 3, channel 5, channel 7 and channel 9's dimming value to 50%.

**Step-10** Press level icons to adjust; channel 2, channel 4, channel 6, channel 8 and channel 10's dimming value to 50%.

Channel Name Channel Description 001 002 003		Level			DFF ON	Select All	
004 005		Ramp Rate	instantaneou	isly	*		Cutput for preview
006 007		No	Dmx add.	Level	Ramp Rate I	Description	
008		(1)	001 002	50% 100%	Os Os		
009 010		(2) (3)	002	50%	Us Os		
011		(4)	004	100%	Ds		
012		(5)	005	50%	Os		
013	>	[6]	006	100%	Ds .		
014		(7)	007 008	50% 100%	Os Os		
015	1000	(8) (9)	008	50%	Us Os		
016 017	>>	(10)	010	100%	0s		
018		(10)	010	100/10			
019							
020							
021							
022							
023							
024 025							
026	>>						
027							
028							
029							
030							
031							
032	~						

Step-11 Set the channels in SC1's fade time using the ramp rate drop-down list

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

Press ctrl and click channel 1, channel 3, channel 5, channel 7, and channel 9 in the editing area. Then press the ramp rate drop-down list and select over 8 seconds.

hannel Name		Level	-	-	OFF ON Select All	
Channel Description 001	^		-		e e a a de	
002			<<	<	> >>	
003						
004 005		Ramp Rat	e over 8 seco	ands		C Output for preview
005		-		-		i setter in the set
007		No	Dmx add.	Level	Ramp Rate Description	
008		(1)	001	50%	85	
009		(2) (3)	002	100%	Os	
010		(3)	003	50%	8s	
011		[4]	004	100%	0s 8s	
012	1	(5)	005	50%	8:	
013	>	(6)	006	100%	0s 8s	
014		(7)	007	50%	85	
015	0	(8)	800	100%	0s	
016	>>	(9)	009 010	50% 100%	85	
017		(10)	010	100%	Os	
018	-					
019 020	_					
020	-					
021						
022	× (					
023						
025						
026	<<					
027						
028						
029						
030						
031						
032	*					

Step-12 After setting press ok to save

Leviton Touch Screen

The setting of remaining scenes is the same.

#### Editing the name of a channel

No         Dmc add.         Level         Ramp Rate         Description           008         009         30%         4s         1           010         30%         4s         1         1           010         30%         4s         1         1           011         001         30%         4s         1         1           012         002         31%         4s         1 <th>No     Description       005     005       006     007       008     001       009     002       009     001       011     001       102     002       103     005       104     004       105     005       106     005       107     005       108     005       109     005       100     005       101     005       102     005       103     005       104     005       105     005       106     005       107     005       108     005       109     005       109     005       109     005       100     005       110     010       111     010       112     005       113     005       114     100       115     005       116     101       117     101       118     101       119     010       119     010       110     010       111     101       112</th>	No     Description       005     005       006     007       008     001       009     002       009     001       011     001       102     002       103     005       104     004       105     005       106     005       107     005       108     005       109     005       100     005       101     005       102     005       103     005       104     005       105     005       106     005       107     005       108     005       109     005       109     005       109     005       100     005       110     010       111     010       112     005       113     005       114     100       115     005       116     101       117     101       118     101       119     010       119     010       110     010       111     101       112
No         Dime add         Level         Famp Falls         Description           009         009         001         003 & 4s         4s           0010         003 & 30%         4s         4s           011         013         30%         4s           012         010         30%         4s           013         015         015         016         30%         4s           016         005         31%         4s         -           017         007         30%         4s         -           016         008         30%         4s         -           017         >>         1007         30%         4s         -           019         010         30%         4s         -         -           022           -         -	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
008 009 009 010 011 012 013 013 014 014 016 016 017 016 017 016 017 016 017 017 016 017 016 017 017 016 017 017 016 017 017 017 017 017 017 017 017	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
010     011     033     30%     4a       011     014     004     30%     4a       012     014     015     015     31%     4a       013     >>     165     005     31%     4a       016     >>>     >>     161     009     30%     4a       017     >>>     >>>     161     009     30%     4a       016     >>>     >>>     >>>     109     30%     4a       017     >>>     >>>     109     93%     4a       018       100     010     30%     4a       020            023            024            025	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
in12     in13     in14       in14     in14       in15     in16       in16     in16       in17     in16       in18     in16       in19     in16       in19     in16       in19     in16       in19     in16       in19     in16       in10     in10	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
073     074     075       074     070     30%     4a       075     077     30%     4a       076     30%     4a       077     30%     4a       078     30%     4a       079     30%     4a       079     30%     4a       070     30%     4a       071     30%     4a       079     30%     4a       070     30%     4a       071     30%     4a       072     4a     10       070     30%     4a       071     30%     4a       072     4a     10       073     4a     10       074     4a     10       074     4a     10	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
074 075 076 077 078 079 020 020 022 022 023 025 07 07 07 07 07 07 07 07 07 07	114     114     115       115     115     116       116     116     116       117     110     110       118     110     110       119     110     110       120     121       121     121
016 077 09 009 30% 4s (10) 010 30\% 4s (10) 010	16     >>     (9)     009     30%     4s       177
017         ///         (10)         010         302         4#           019         00         302         4#         (10)         00         302         4#           020         020         020         (10)         302         4#         (10)         (10)         302         4#           021         020         (10)         (10)         302         4#         (10)	177 (10) 010 30% 4s 188 199 190 120 121 122 122 122 123 124 125 125 125 125 125 125 125 125
019 009 020 021 022 023 023 024 024 025	118 119 20 21 22
	119 20 21 22
020 021 022 023 024 024 025 	
021 022 023 024 025	22
	122
	122
024 025	
025	23
	25
	26
027	27
028	128
029	128
030	30
031	31

Step-13 Select any channel from the 512 channel's name editing area, it will display as below

Step-14 Type CH1 in	nto channel name	column and it will	display as show below

Channel Name CH1	e.	-	Level	0	* _	OFF ON	Select All	
Channel	Description	*		1		1111		
001 002	CH1			<<	<	> >>		
003			Ramp Rate	instantaneo		200		
005			Tranpinaro	Instantaneo	iusiy	-		C Output for preview
006 007			No	Dmx add.	Level	Ramp Rate Da	escription	
008			(1)	001	0%	0\$		
009			(2) (3)	002 003	0% 0%	Os Os		
010			(3)	003	0%	Us Os		
012			(4) (5) (6) (7)	005	0%	Os		
013			liši	006	0%	0s		
014		>	(7)	007	0%	Os		
015			1(8)	008	0%	Os		
016		>>	(9)	009	0%	Os		
017			(10)	010	0%	Os		
018 019								
020								
020								
022								
023		K						
024								
025		<<						
026								
027								
028								
029								
030 031								
031								
		M						

Channel Nam CH9	ie.		3	Level	0	%	DFF ON	Select All	
Channel 001 002 003	Description CH1 CH2 CH3	-			* · · ·	*	>   >>		
004	CH4 CH5 CH6			Ramp Rate	instantaned	usly	<u>*</u>		C Output for preview
006 007 008	CH6 CH7 CH8	_		No.	Dmx add. 001	Level 30%	Ramp Rate 4s	Description	
010           010           011           012           013           014           015           016           017           018           019           020           021           022           023           024           025           027           028           029           030           031	CH0 CH10		»	2) 3) 5) 5) 7) 8) 9) 10)	002 003 004 005 006 007 008 008 009 010	302 303 302 302 302 302 302 302 302 302	45 45 45 45 45 45 45 45 45		

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

Step-16 After setting, press ok to save

### 4.10.2. Scene Recall

**Step-1** Download edited pages to the device and press Scene 1-5 and off on the touch screen to recall the scenes

Scene1	Scene4
Scene3	ttt scenes

# 4.11. Schedule Setting

The schedule setting is for recalling the scenes at a set time.

Step-1 Open the software

**Step-2** From the file menu select new project

**Step-3** Press the button/picture key on the interface or use the component menu to add a button/picture

**Step-4** Double click the button and select the function tab from the property dialogue box

**Step-5** Select key function as page link, page link as special page and select schedule on the page drop down list

n	Button Property			X	
	Position/Border Function Text Images				
	Key Function	Page Link	C User Page		
=	Page Link 💌		User Page     Special Page		
<		Page	BackLight Set	-	
re		, ago	BackLight Set Voice Set		
-		. <u>.</u>	Log in Time set		
e	- IR Select		Album Schedule		
n	None		00 0		
n	indic		$\begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ \end{array} \end{array} $		
			$\odot$ $\odot$		
			000		
			. Osta		
			1	1	
			OK	Cancel	

To set text, image, and position/border properties please refer to <u>4.4.1.2 Button Property</u>.



For example set the picture as below

**Step-5** Download this page to the device and press the schedule button, it will link to the built-in function page



7	7 The scene to be called on in the schedule			
8	The scene's zone to be called on in the schedule			
9	The execution time of the schedule: hour and minute			

#### 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** The below schedule is set to recall SC01 of Zone 1 at 1:01am on every Monday, Wednesday and Friday

Schedule set	-		_
Hour	Min	Zone	SC
01 :	01	01	01
$\odot$	$\odot$ $\odot$	$\odot$ $\odot$	$\odot$
-			
	Mon Tue	Wed Thu	Fri Sta
		OK	Cancel

Step-9 After setting, press ok to save



Once the schedule is saved it can be edited and canceled. Means the schedule is activated.

Step-10 Press it to exit

# 4.12. Component Configuration

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



Left and right alignment:

Hold ctrl and select component cmd1, cmd2 and cmd3 then press lefts or rights to make those components align with left or right or center.

Lefts:



Rights:



#### Centers:



Select all and align top, middle or bottom.

#### Tops:



#### Leviton Touch Screen

Middles:



Bottoms:



Select all and make the components have the same width and height.

**Note:** If you want to make several components have the same width and height, you need to select the component you want as the standard last.

#### Widths:



Heights:



Leviton Touch Screen

Horizontal Spacing Equal and Vertical Spacing Equal Horizontal Spacing:



Before

Vertical Spacing:





After



Before

After

# 4.13. File Download

After the programming is completed you must download the file to the device

Choose a button below based on the type of download you want to do:

凸	Download all Page Data	心	Download System Time
AllPage	to Device	Nowtime	to Device
心	Download Current Page	신	Download all Data to
NowPage:	Data to Device	All	Device
凸	Download Album Photo to	년)	Download Scene Data to
Album	Device	Scene	Device

When the device is connected press a download button and a progress bar will display.



Download in progress

Download complete

#### Do not use the program while the data is downloading.

#### To set the device's IP

After connecting the device press search to search device's IP.

**Step-1** Open the software

Step -2 Press search on interface and the IP set window will display

🖳 IP set			
<b>R</b>			
ECP-TO4 IP Set			
Link IP			
Password:			
Computer IP:			
Advance	L	OK	Cancel
			Search

Step-3 Press Search

		🖳 IP set 🛛 🕅
		8
1		ECP-T04 IP Set
2	<b>۰</b> ـــــ	Password: Computer IP: 192.168.3.133 Advance OK Cancel
3	-	192.168.3.226 (00:1A:66:23.AF:30)-[iiuyalong]
		Search

- 1. IP address display area
- 2. Advance buttons decide whether the device information area displays. Ok will display the information; cancel will not display the information.
- 3. Device information area

**Step-4** Double click the information in the device information area

IP set		1000	X
11		120	7
ECP-TO4 IP Set			
Link IP	92 168	3 226	>
Password:			
Computer IP: 192.168 Advance	9.3.133 OK	Cancel	1
192.168.3.226 (00:1A:6	6:23:AF:30)-fliuw	along	_
		Search	

**Step-5** Press OK to finish the connection between the device and the software

#### **D-set button - Device Setting**

Step-1 Open software Step-2 Press D-Set

	🖶 Device Sel	
-	System description First Floor IP Set IP address 192 168 3 226 CI	vange
•	Description set Device description For example: "Kitchen Computer" or "Many's Computer"	hange
-	Password set	ange
•	Description set MAC address 00 ¥ 1A ¥ 86 ¥ 23 ¥ AF ¥ 30 ¥ Cl Get Random Mac address	hange
		Exit

- 1. IP Address setting
- 2. Device name setting
- 3. Password setting
- 4. Mac address setting



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