



Doublestar Eletronic Technology Corp

XMPlayer 3.0

Operation instruction

Special note:

Thank you for your trust and support of the company. In order to ensure the process to run smoothly, please read this instruction carefully before using our software.



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Chapter 1 XMPlayer 3.0 Introduction

"XMPlayer 3.0" is a powerful software designed for led program play and management, which is convenient to use and easy to learn. It mainly applied to full color, dual color and single color led screen, both synchronous and asynchronous control system.

The software has two versions, which is synchronous and asynchronous. You can choose one according to actual condition.

1.1 Features

- **Support a variety of media types**

Support for video, audio, images, forms (Excel), PPT presentation files, text documents, Word documents, schedule, timer etc.;

- **multi-program page function**

Each program page can contain multiple program page, the page can be set different window properties;

- **The programs page and multi-window**

Each program page can add multiple windows, each window can add different content, size and position of the window can be set;

- **media properties**

Support the media played stunt, residence time, scrolling speed, text effects and other settings;

- **Schedule function**

Use custom instruction table, set the number of programs broadcast regularly;

- **display program**

the display broadcast, send the program needs;

Can display subtitle notice;

display sport scores;

- **practical log management functions**

Can view the log, do statistics play media content;

- **open operating system comes with features**

Operating system comes with Notepad, Paint, Word, Excel, PowerPoint and other tools to open the shortcut editing programs;



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- **The boot function and start playback function**
- **Can set the computer timing tasks**
- **Support for multiple languages**
Support playback window lock function

1.2 operating environment

- Various versions of Windows XP and above, 100MB free disk space.
- Microsoft media player (Media Player) --- must be installed.
- If you want to play word and excel files, install the Microsoft Office software.
- For the broadcast RealPlayer file the RealPlayer software must be installed.
- Delete other unused system software, such as antivirus software.

Chapter 2 install and uninstall

The software could be installed in window XP and above version, and it's easy to install.

2.1 install

《XMPlayer 3.0》 software install operation as following: open 《XMPlayer 3.0》 install package, as shown in Figure 2.1:



Figure 2.1


double click  , pop out software install wizard, as shown in Figure 2.2:



Figure 2.2

Click "Next", as Figure 2.3, such as the use of the default installation path, continue to click "Next". If you choose the other path, click "Change" to modify the installation path.



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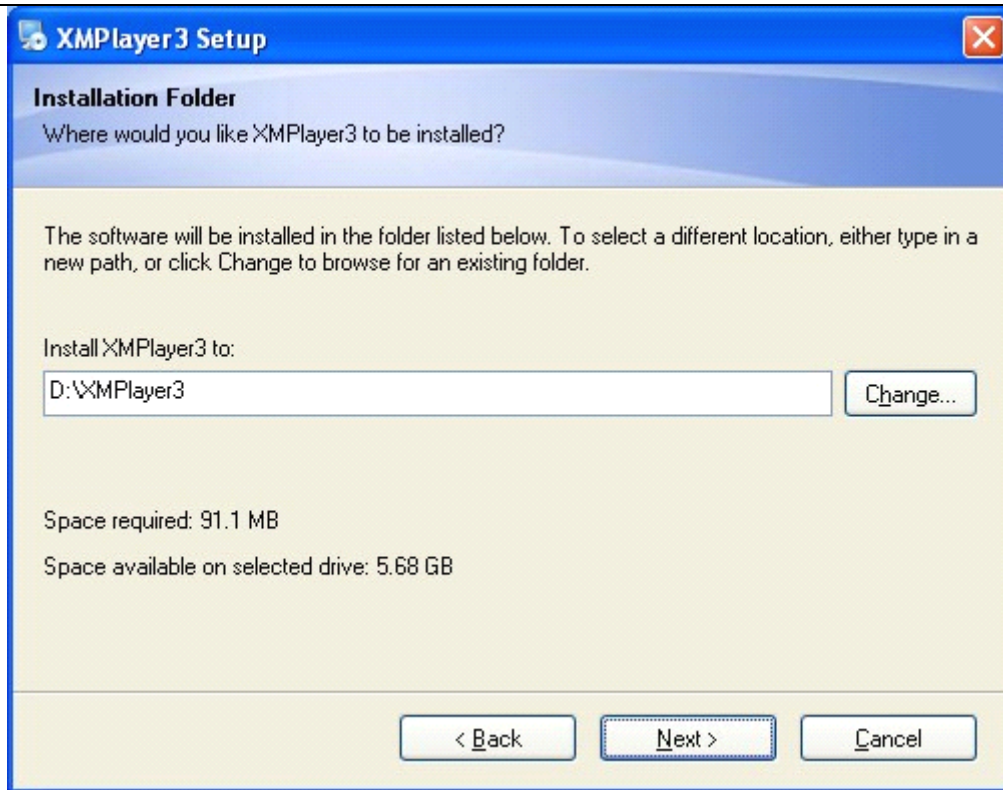


Figure 2.3

click “next”, the installation page is as follow Figure 2.4-2.6.



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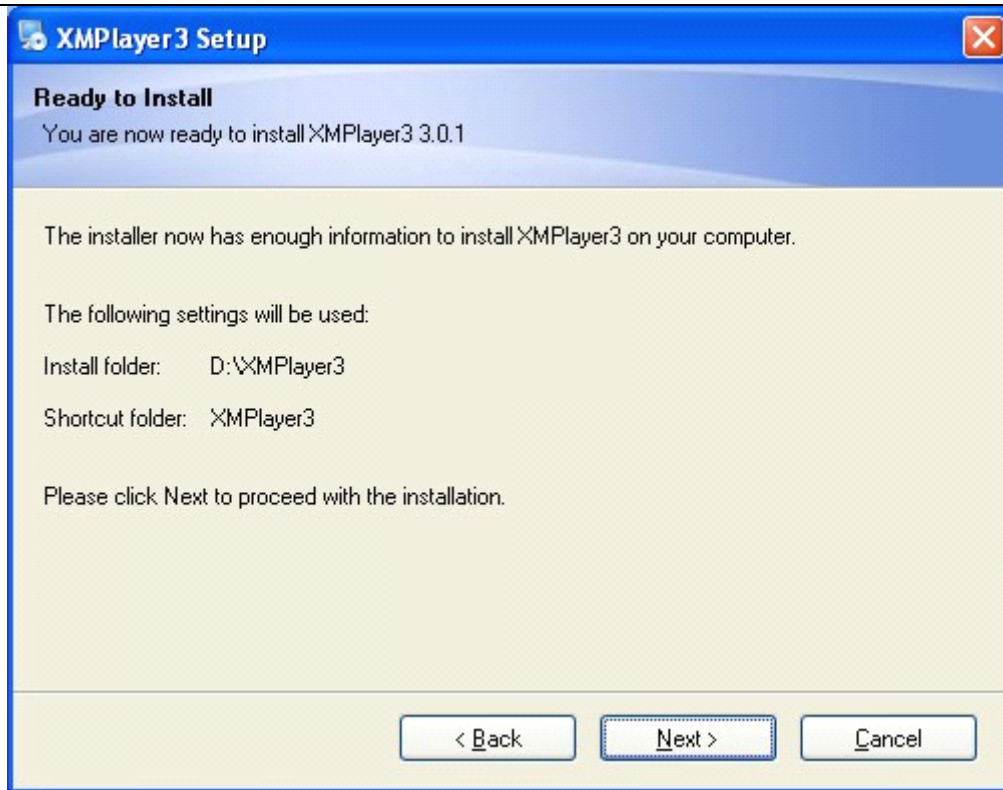


Figure 2.4

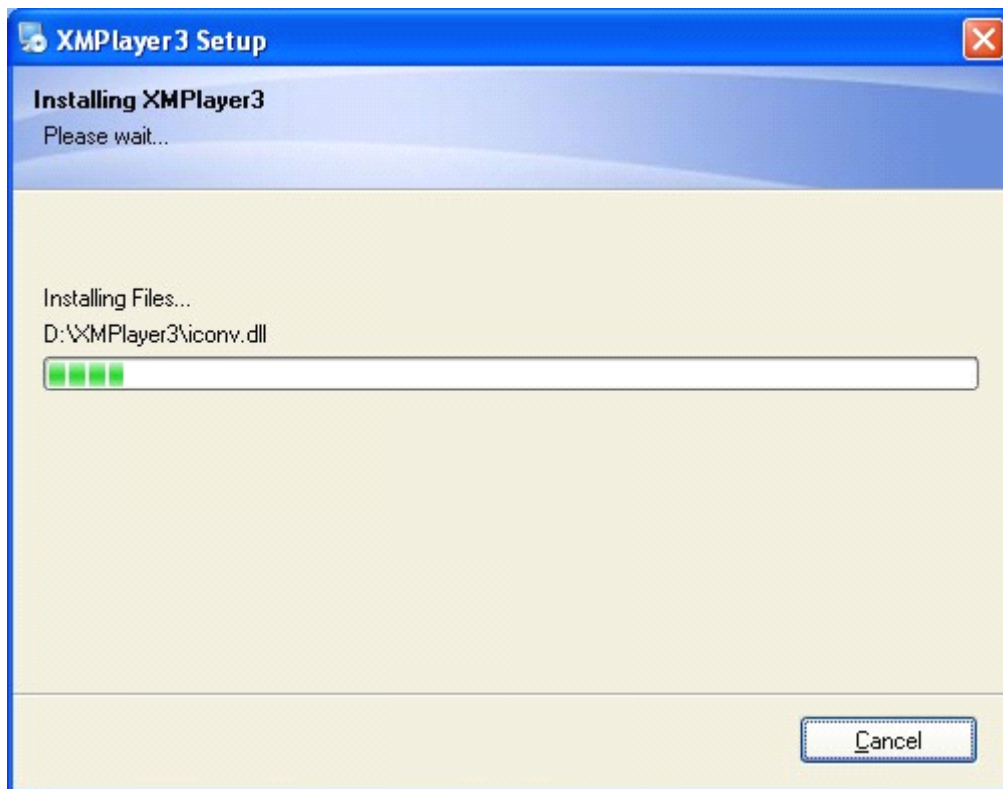




Figure 2.5

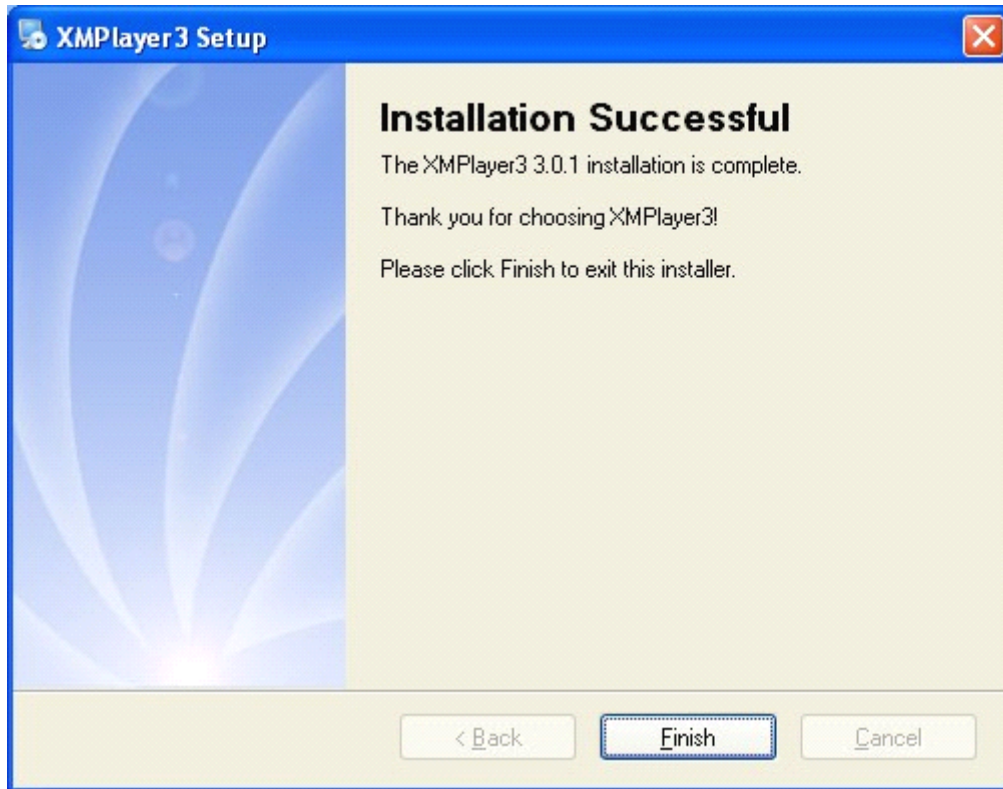


Figure 2.6

After installation, there will be a shortcut on the desktop:



Figure 2.7

The following sections in the asynchronous version of XMPlayer 3.0 Description based different from the synchronization at the same time.

Boot the asynchronous software:



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After installation of 《XMPlayer 3.0》 , enter 3.0 , choose the program you want to start, and set it as default. Click “remember setting” , next time you can open the program directly.

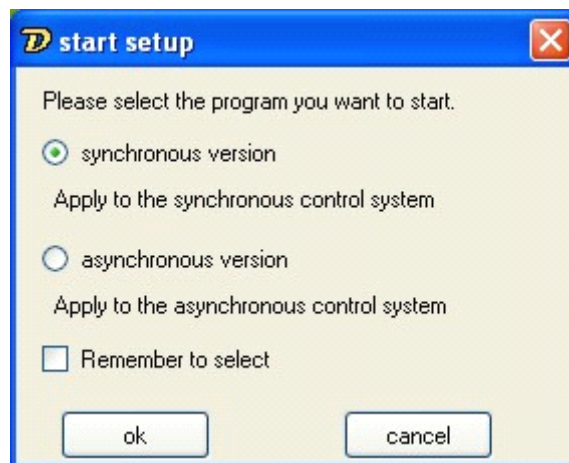


Figure 2.8

If you want to switch to the other program, just click “setup” – ”software setup” to restart new program you want.

Other startup path:

Computer [Start] -> [program] "XMPLYer3" program group, click xmplayer 3.0.

2.2 uninstall

Click [Control Panel] -> [Add or Remove Programs] to uninstall it:





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Figure 2.9

Click “yes” to uninstall the software, as follow pictures 2.10-2.11, after uninstall, the shortcut will also be deleted.

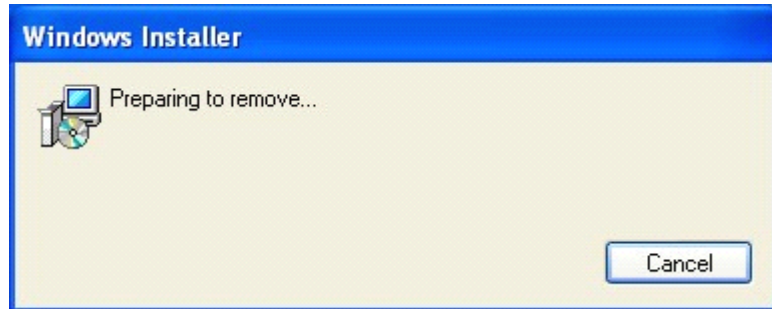


Figure 2.10

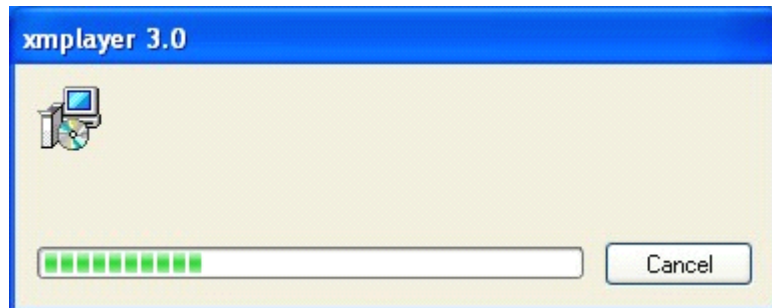



Figure 2.11

Chapter 3 software constitute

《XMPlayer 3.0》 is composed of the editing window and the player window, you can edit program in edit window and preview it in payer window.

3.1 interface introduction

Open 《XMPlayer 3.0》 software will pop out a edit window(Figure 3.1)and display 1's display area, also called displayed window(Figure 3.2).

Note: If the player window does not appear, please click on the refresh button  .

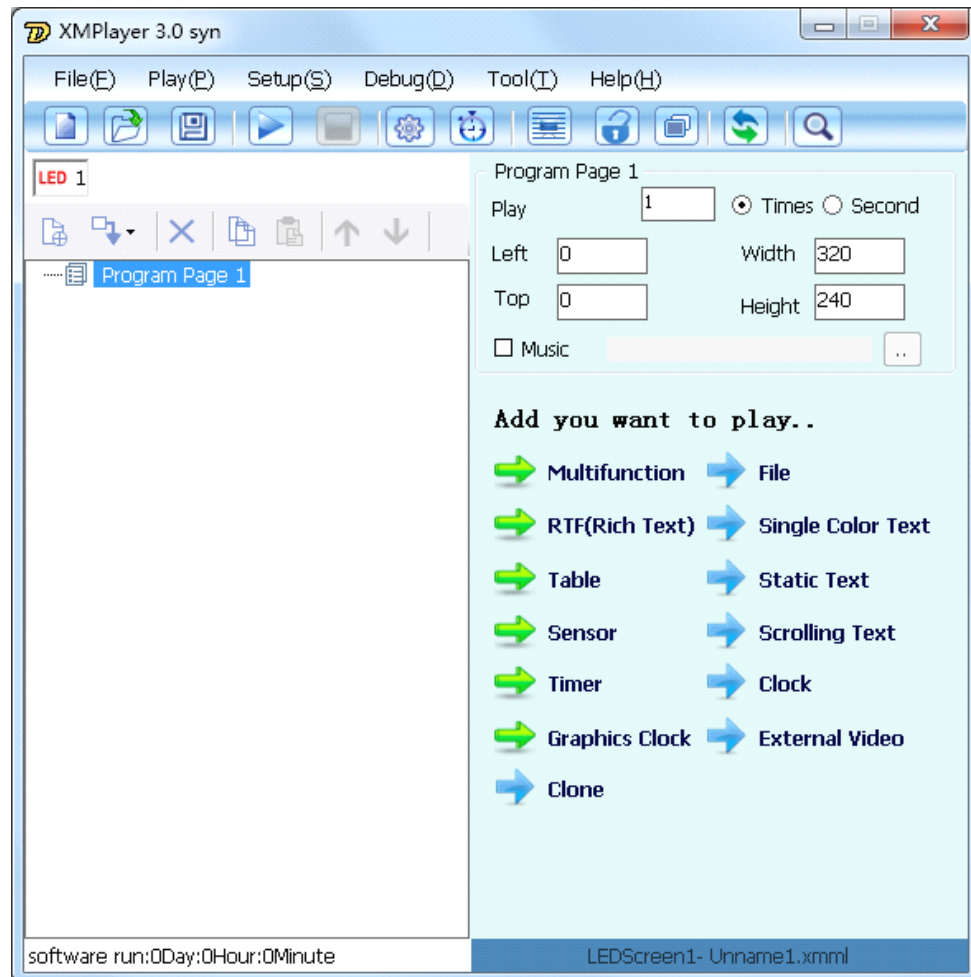


Figure 3.1 edit window



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Figure 3.2 display window

3.1.1 Edit Window

Edit windows player is used to control the content and the size of the screen. The control window can be expanded into the edit window, the control window contains a title bar, menu bar and toolbars, as well as edit controls, expand the control window shown in Figure 3.3:

Title Bar: Displays the name of the software. XMPLAYER 3.0 asynchronous.

Menu bar: including file, display, setting, debugging, tools, and help of six sub-menus.

Toolbar: some commonly used buttons.

Edit control: divided into two parts, the left half of the program options, display programs and windows, the right half of the control options, control program page and the properties of the window.

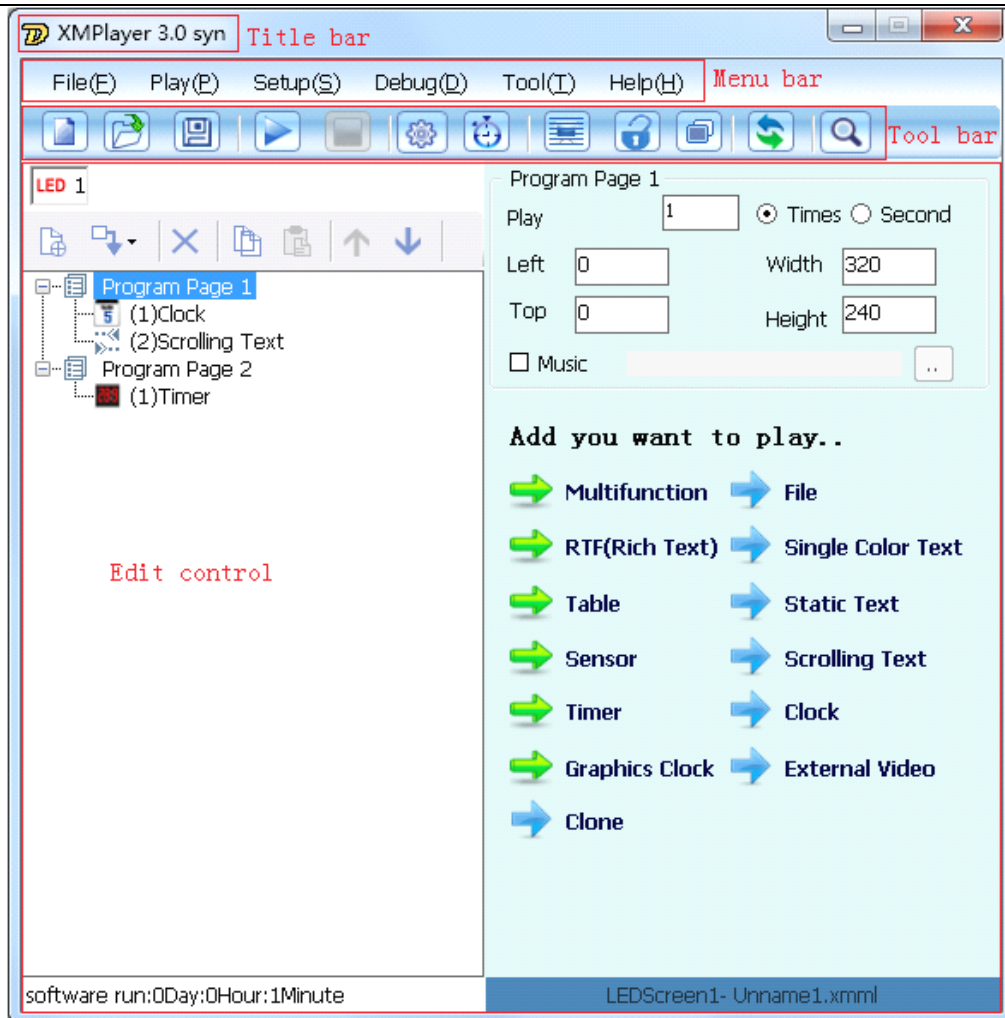


Figure 3.3

3.1.2 Player window

Player window is used to display the pictures, video, text, time and content. An LED screen can be divided into one or a plurality of different sizes of the player window, the content displayed in each window either same or different, depending on the need. Each player window size, and the displayed content and the terminal LED screen corresponding to the size of the play area and the displayed content is the same. The contents of each of the player window can be sent to one or more independent partitions the same LED screen playback. The large screen of the play area is consistent with the size of the entire play window.

















Display window can display varied contents, such as: file, Marquee, a single line of text, static text, (color) RTF text, temperature and humidity, timer, graphics clock, digital clock, external video, forms etc.



3.2 editing function instruction

3.2.1 Tools bar


Buttons in tools bar as shown in form 3.1:

Buttons	Name	Functions
	New	Set a new program
	Open	Save to local program before opening
	Save	Save current program
	Start	Start playing program
	Pause	Pause playing program
	Stop	Stop playing program
	LED para setting	Shortcut to enter led control management interface
	Schedule	Open the schedule
	Display	show player window
	Hide	Hide window
	Top show	Window displayed on the top when playing
	Cancel top show	Cancel window displayed on the top when playing
	Foregrounding	Play in the foreground
	Backgrounding	Play in the background
	Refresh	Refresh the page
	Search LED	Search terminal devices online

Form 3.1

3.2.2 Edit buttons

Button functions as shown:

Button	Name	Functions
	New	Set a new program page



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	Add	Click arrow on the right to add new window
	Delete	Delete the program page or windows checked
	copy	Copy the program page or windows
	Paste	Paste the program page or windows
	Up	To move up the page or window, if it is the first one ,don't move
	down	To move down the page or window, if it is the last one ,don't move

Form 3.2

3.3 program list

One program list composed by one or more program pages, each program page includes one or more display windows, each display window displays a program material or content. (Logical relations: content / material→window→program page→program list)

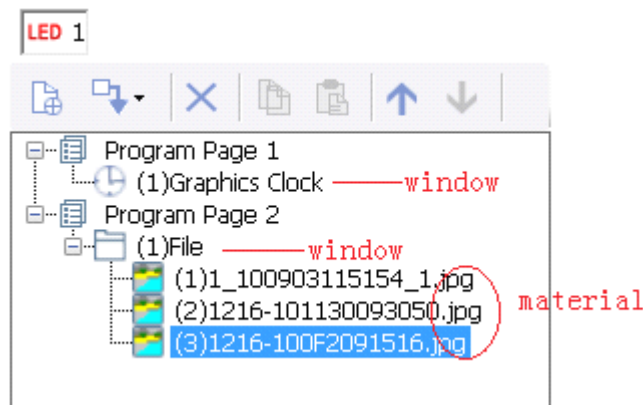


Figure 3.4 program component

- Figure 3.4 program list show page 1 and page 2. Page 1 contains graphics clock window which is material itself, program page 2 contains the file windows which contains three materials.
- Program page is the first layer, the second layer is the window that will play and the content of the third layer (some window doesn't have third layer, add window is adding content).
- Each program can have more than one program page, such as programs page 1,




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page 2 and so on. Each program page can also have more than one player windows; each window can have one or more of the play.

- Each program list plays according to page order, each page plays according to window order. Content along with switching of the programs page.

3.3.1 The left mouse button on the program list

- Click the minus sign () button, you can shrink or expand the program page or window.
- Can be selected the program page, window, or content.

3.3.2 The right mouse button on the program list

3.3.2.1 Program page right button function

Add window:

Right-click on the program page pop-up function box, shown in Figure 3.5, you can add window:

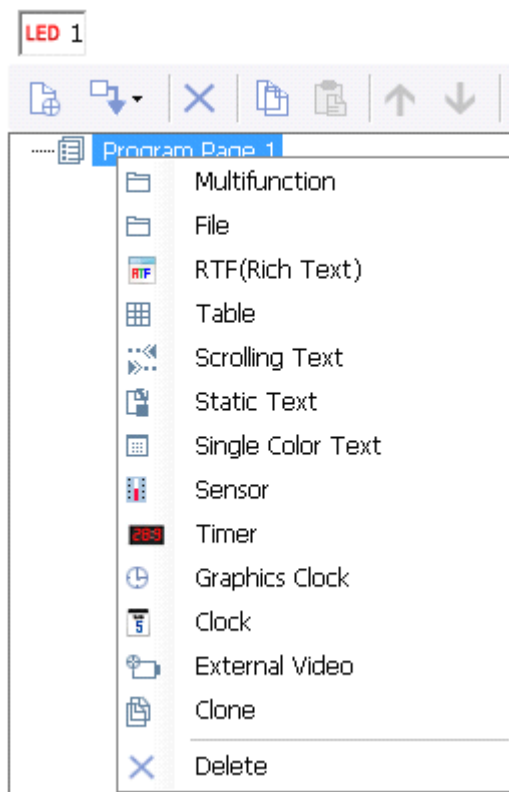


Figure 3.5

- Right-click on the program page 1 to add window, add window below the program page 1; Add window, right-click on the program page 2. And so forth.
- New window generally defaults to full-screen display (except for Marquee or a single line of text), the need to change the window size can be changed by dragging the



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borders or set the length and width.

- Window in the same program page that all or parts can be stacked.

Delete the program page:

- Right-click on the program page 1, and then left-click on the "delete" to delete its windows and content.

3.3.2.2 window right function - remove (all windows have this feature)

Right-click on the window or the content, pop out the function dialog that shown in Figure 3.6, select remove, you can remove the selected window and content:.

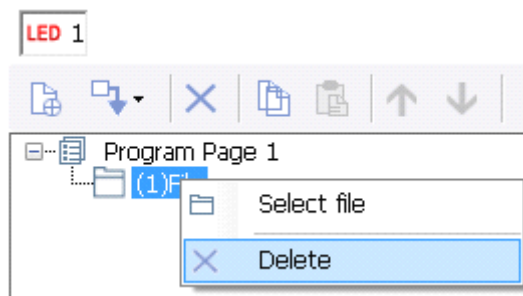


Figure 3.6

Note: remove, click the Save button to save the file, remove operation in order to take effect, other operating similar.

3.3.2.3 File window right button function

Click file on the right button, as shown in Figure 3.7:

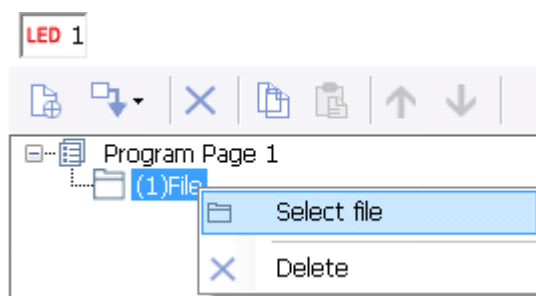


Figure 3.7

- Select File: Intro see add files of Chapter 5.
- Remove: remove the file window and its contents.
- RTF (color text) / right function of the window same with the file window.

3.3.2.4 Multi-function window right function

Right-click the multi-function window, shown in Figure 3.8:



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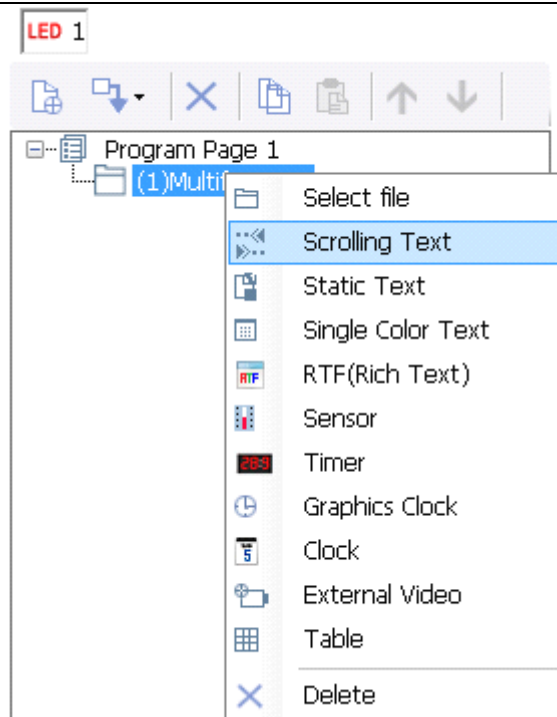


Figure 3.8

- Select the file: the same file window"select the file ".
- Remove: remove of the multifunction window and all of its content.
- Multifunction windows add content that is playback in order.

3.3.2.5 other window right function

Other windows, right-click menu only "remove" , as shown in Figure 3.9

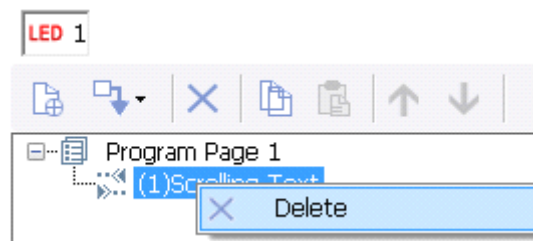


Figure 3.9

3.4 Display area

The display area and a playback window on the computer screen of the display area have the same the size and position and on the LED screen.

you may need to adjust the size and position of each window after add the program



page and window.

3.4.1 the left mouse button function

Select the window:

In the window, click the left mouse button, select the window, the window is selected in the display area to the orange border highlighted in Figure 3.10:

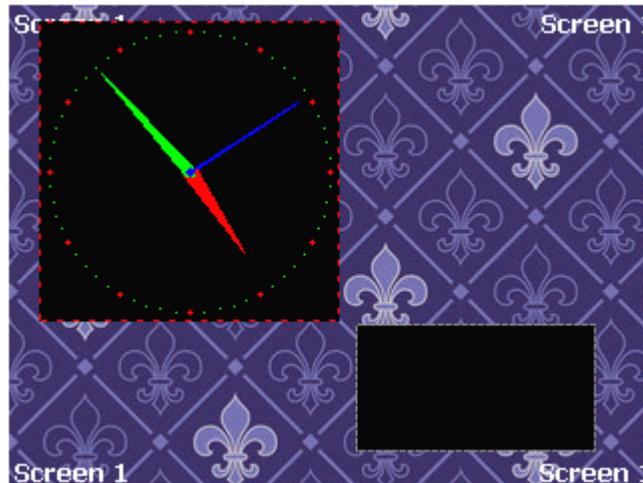


Figure 3.10

Move window:

The left mouse button to click on the window, the window appears red border, the mouse cursor changes to a "cross" star, hold down the left mouse button and drag the cursor to drag the window in any direction to move the window, the mobile space is not limited to the display area internally, shown in Figure 3.11. (Note: The full-screen display can not be moved, but can be resized mobile)

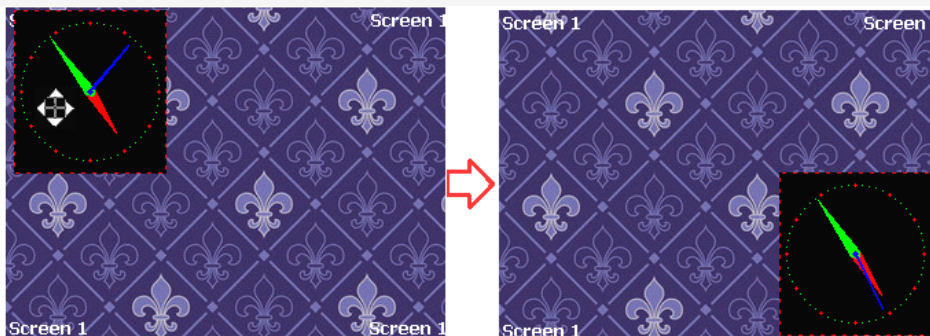


Figure 3.11

To change the size of the window:

The left mouse button to click on the window, the window appears orange border, the mouse cursor is placed in the corner of the window border or at the edge of the shape of



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the cursor changes to a double arrow, hold down the mouse to pull out can enlarge the window inward drag move can narrow the window shown in Figure 3.12:

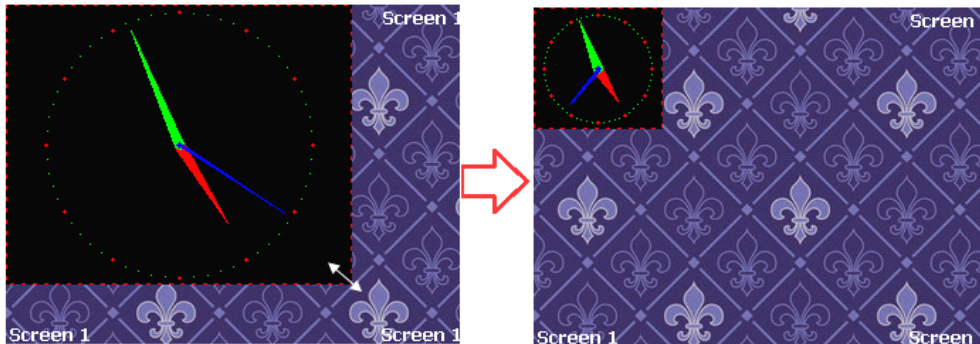


Figure 3.12

3.4.2 Right button function

3.4.2.1 The free area to right-click menu

In the non-window area, click the right mouse button pop-up function menu, play, pause, stop, top show, hidden functions, as shown in Figure 3.13, the toolbar is same. Main window display function is when the main editing window is covered by other software to top of the edit window

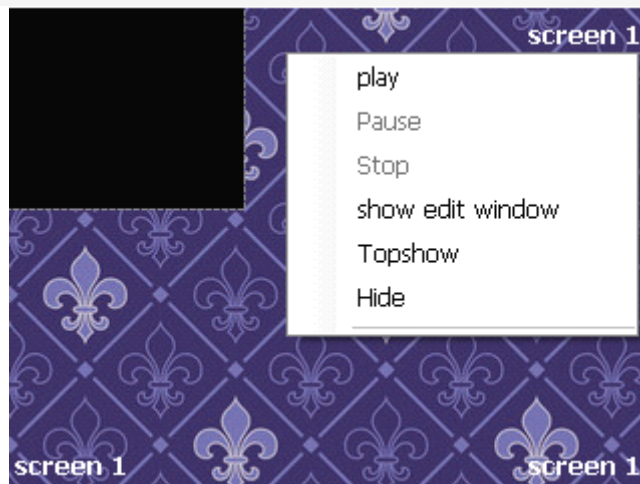


Figure 3.13

3.4.2.2 Window context menu

Click the right mouse button in the window area, pop-up function menu, play, pause, stop, top show, hide, copy, remove and other functions for the window operation, as shown in Figure 3.14.



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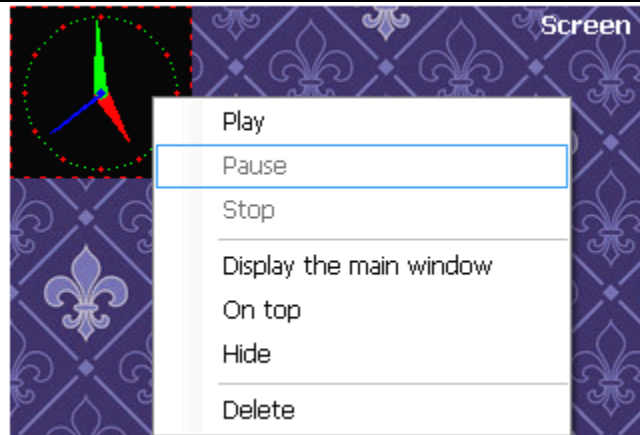


Figure 3.14

Chapter 4 program edit

This chapter to add a file window, Marquee windows, graphics clock windows, multi-function window for example, the description of the process of producing programs page. In this example, the display is 320 * 240.

Program page properties definition:

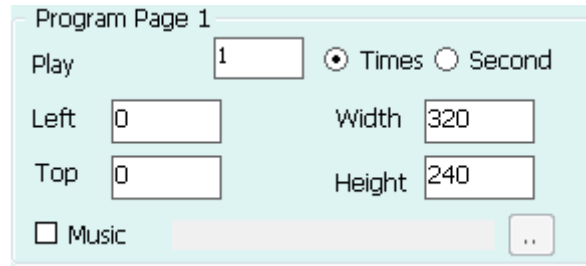


Figure 4.1 program properties

Play times: refers to the length of time or the number of times you want to play, the program page of content you want to play.

Left: the length to the left margin of the monitor screen of computer.

Top: the length to the top margin of the monitor screen of computer.

Width: the width of the player window. (Pixels)

Height: The height of the player window. (Pixels)

Music: "Music" tick, you can choose to add background music for the current program page, shown in Figure 4.2:

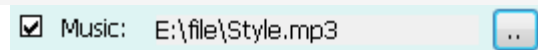


Figure 4.2

Window properties definition:

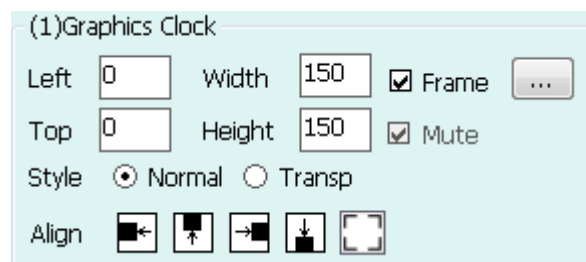


Figure 4.3 window properties

Left: the length to the left border of the display area

Top: the length to the top border of the display area

Width: the width of the player window. (Pixels)

Height: The height of the player window. (Pixels)






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Style: normal, transparent.

Normal: content and background color normal display, the default background color is black. Several normal styles of window added together, can only see the top of the window.

Transparent: Show window contents; do not display the background color. The several hollow windows when added together, all the contents of the window can be seen.

Align: to rely on the nearest window, as shown in Figure 4.4, the selected window 2, click the left button , the window 2 near the window 3, and then point . The window 2 near the window 1, and then point . Window 2 near the left border of the playback window. Other aligns are similar. You can not click on the alignment function buttons when is full screen.

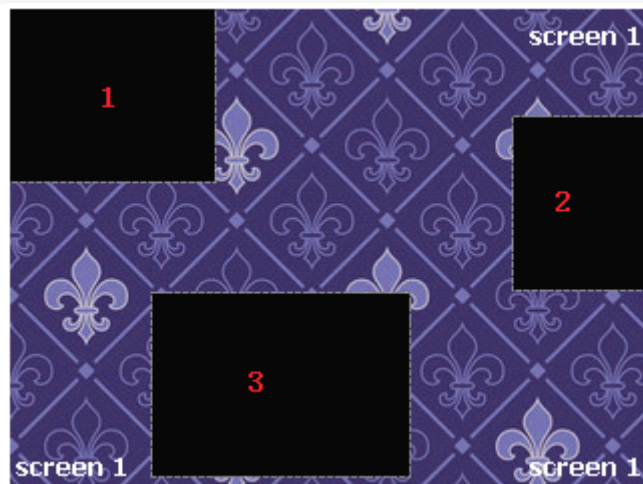


Figure 4.4

Display border lines: "border line" tick, select the program page window, window surrounding will appear along the border line of red in Figure 4.5:

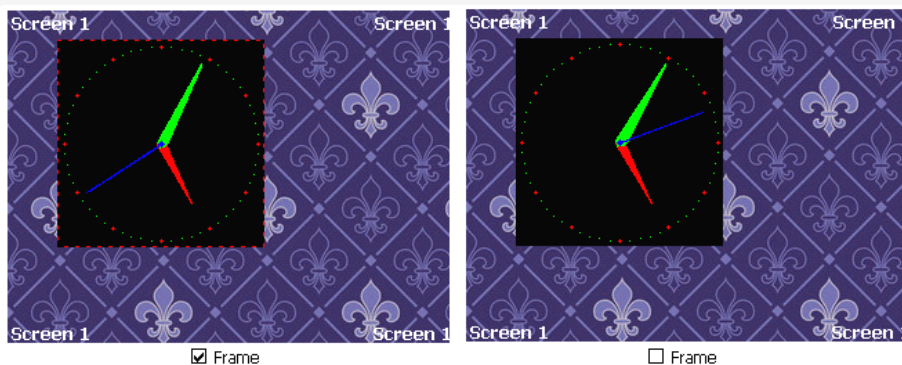



Figure 4.5

Click , shown in Figure 4.6:



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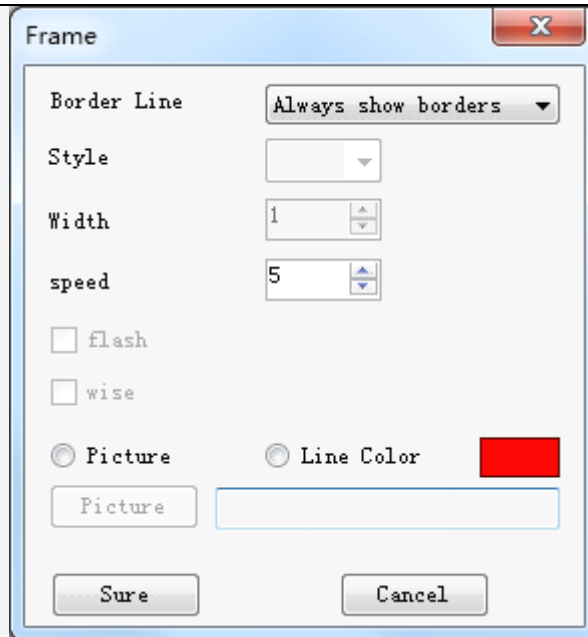


Figure 4.6

It has “always show frame”, “show frame while editing” and “show frame while playing” three situations. The frame is always rotate clockwise, the moving speed could be set through the fine-tuning button. The greater the number is ,the faster it will be. You could lick “picture” to set local picture as border, shown in Figure 4.7:

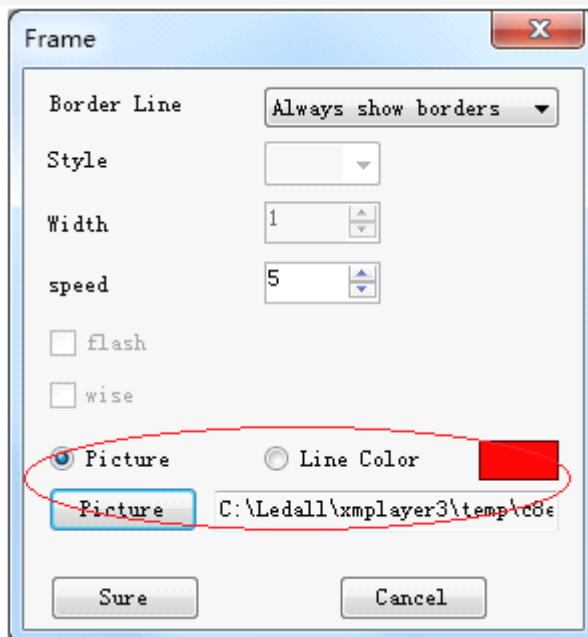


Figure 4.7


Mute: If the sound file is added to a window, such as video, and select background music.



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When the broadcast program, there will be two voices. "Mute" tick, do not play the sound of the window, only to play background music

4.1 New Programs page

Click on "New Page" button , add the program page 1, click again on the "New Page" button , add the program page , so each click, add a program page , shown in Figure 4.8:

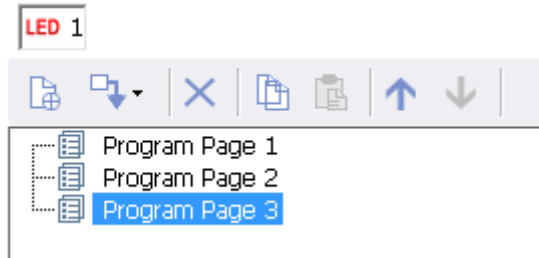







Figure 4.8

A program list can contain more than one program page, use the "remove" button  to remove the program page, copy the program page can use the "Copy" button , and paste the program page can use the "Paste" button , the mobile program page can use the "Move" button, "up  and  down" button. Select a program page, and then carry out the required operation.

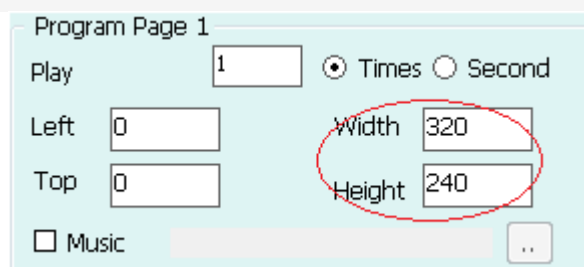
4.2 set program page properties

To set the properties after add the program page. The caveat here is that the same size and location of all the program pages in a program list, generally only add the program page 1 to set the properties.

As the 320 * 240 display, the player window set the same size with the display.

Setting the program page properties, there are two ways.

First: direct input in the program properties, enter 320 in the width, height input 240, as shown in Figure 4.9:





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Figure 4.9

Second: Click Settings -> Preview window (synchronized in playback window) -> location and size, and pop-out position and size of the dialog box, shown in Figure 4.10, the setup is complete click "OK" button.

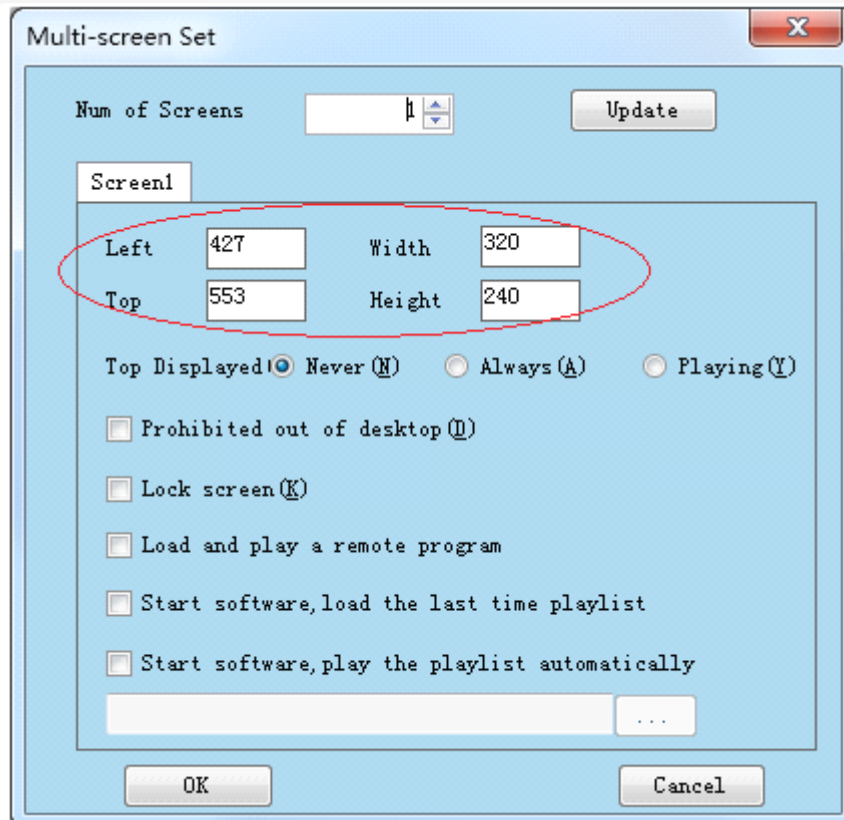


Figure 4.10

4.3 New window

Program page is just a framework; it can contain a lot of the program window, the program window is able to play a variety of content. Various program windows can play different text, pictures, tables, animation, videos and ECT. There are 13 functions to choose, asynchronous system of 11 kinds of functions to choose, the external video and cloning window are less than the synchronous system.

Were 13kinds of window described below:



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Multifunction window: multifunctional window is different from the other window, other windows can be added in addition to the outside of the document window, multi-functional window, clone windows, you can add the file.

File window: In this window, you can add any number of files, supported by many types of documents that contain text files (TXT), RTF text, images (GIF/BMP/JPG/JPEG), multimedia (GIF/AVI/MPG/RM/RMVB/VOB/SWF/MP3), office document (WORD) electronic forms (EXCEL), slides (PPT), ect.

Scrolling: Repeat text, setting residence time and scrolling speed.

Single Color text: for display single-line text such as information, advertise and just one line words.

Static text: set static text play such as CO. name、LOGO, ect.

RTF(Rich Text): open or edit RTF files

Sensor: playing the local temperature, humidity, brightness.

The timer: for timing.

Graphics clock: a graphical clock playing time.

External video: for external video screen embedded in the player window. (note: asynchronous system don't have this window)


Table: Used to edit and play table data.

Clone: used to copy the contents of the front window. (note: asynchronous system don't have this window)

Add file window, Marquee window, graphics clock window, multi-functional window, the following is producing program page description.

Step one: Add file window

Add Files window, there are three ways:

First, click Add new window button , select the file, as shown in Figure 4.11:



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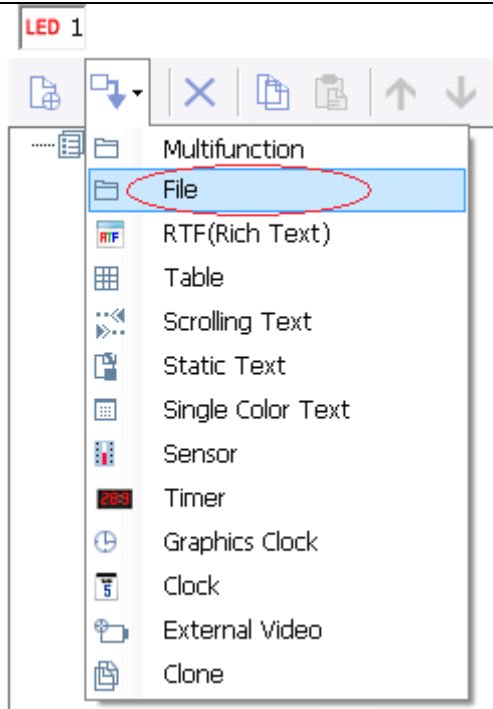
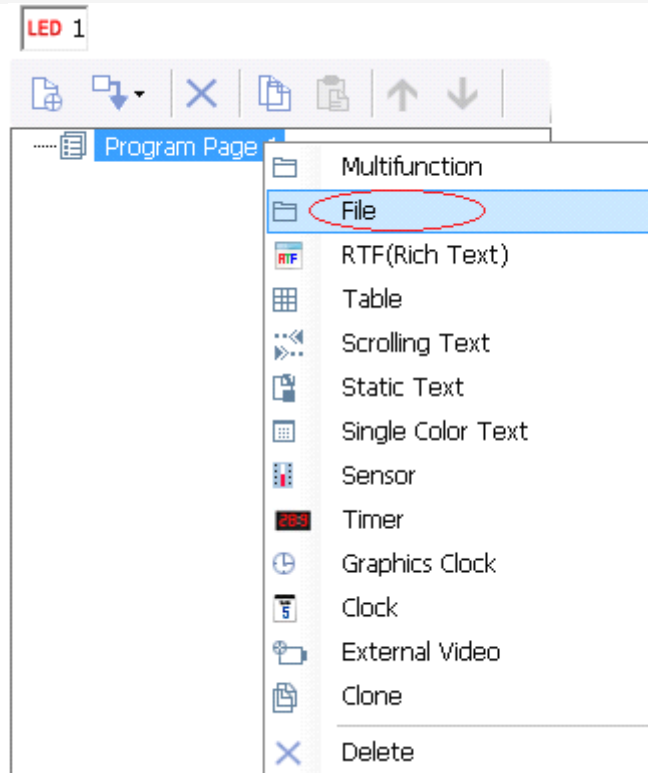


Figure 4.11

The second is a mouse right-click the program page 1 Select the file, as shown in Figure 4.12:





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Figure 4.12

The third on the right side of the program page properties, select the file, as shown in Figure 4.13:

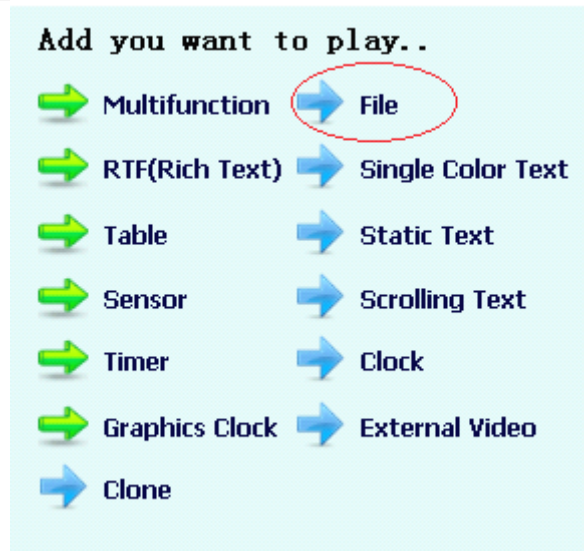


Figure 4.13

Step Two: file windows add material

the file windows need to add media material; will have a content display window. (To add a file file window, refer to Chapter 5 add files).

Right click the file -> select the file, as shown in Figure 4.14:

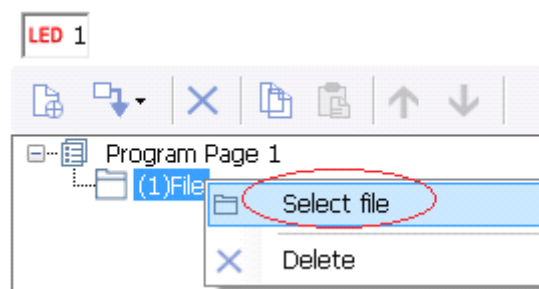


Figure 4.13

Pop our the open window (Figure 4.15), select media material, click "open".



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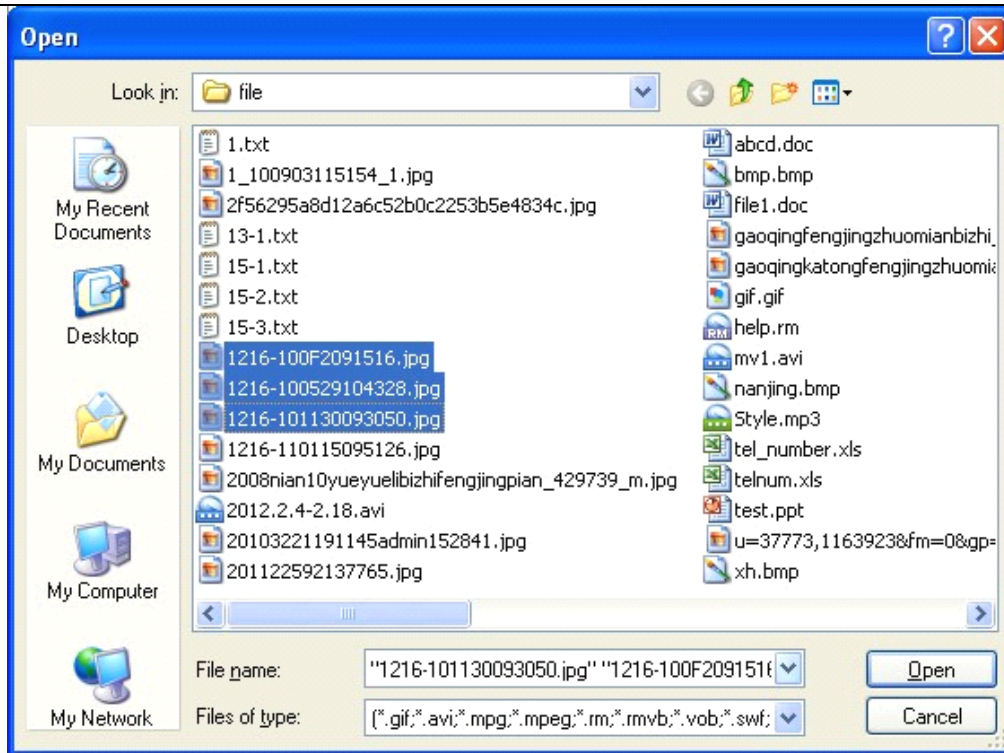


Figure 4.15

Added material is shown in the program list, as shown in Figure 4.16:

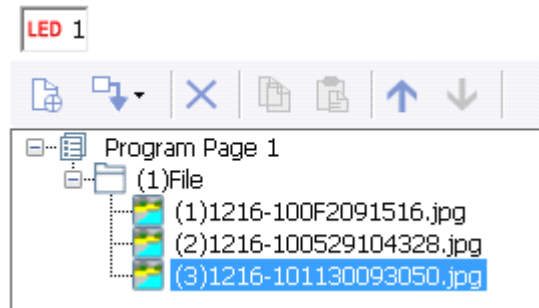


Figure 4.16

Step Three: Add Marquee

Add Marquee window, the reference step one.

Right-click on the program page 1, and then selects Marquee the right side of the display.

As shown in Figure 4.17, enter text in , setting playback interval and scroll speed.

(Refer to Appendix 1 Marquee)

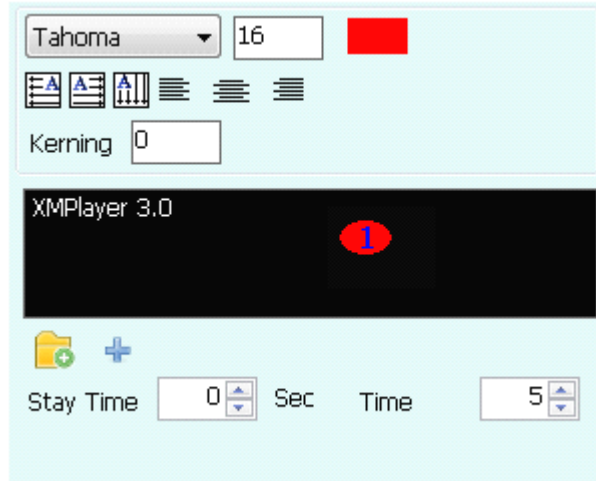


Figure 4.17

Step Four: Add graphics clock

Right-click on the program page 1 Select the graphics clock, window properties in Figure 4.18, set the clock appearance, background color, pointer color, scale, color, scale, shape, scale size (refer to Appendix 1 - graphics clock Intro).

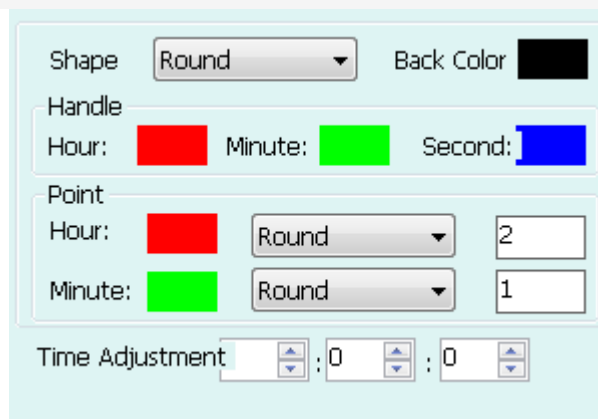


Figure 4.18

Step Five: Add multifunction window

Add a timer to the multifunction window for example.

Right-click on the program page, select multifunction window, window properties in Figure 4.19, click the "timer" timer is added to the multi-functional window. (Multifunction window, you can add a lot of content, Intro refer to Appendix 1 - multifunctional window)



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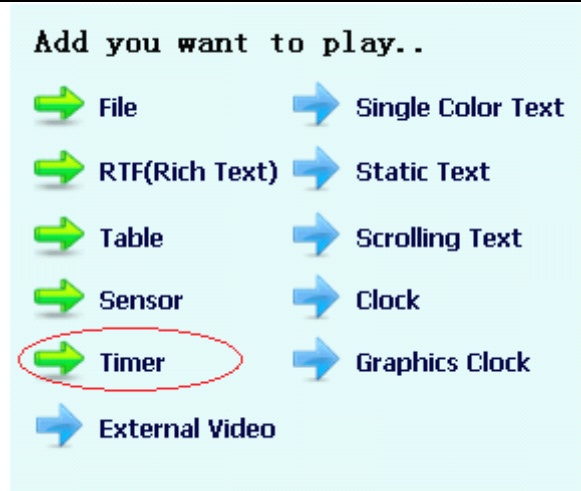


Figure 4.19

At this point, a file, marquees, graphics clock, multifunction window shows page produced, as shown in Figure 4.20:

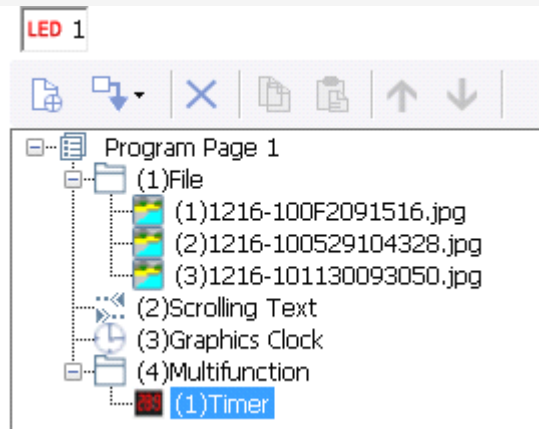
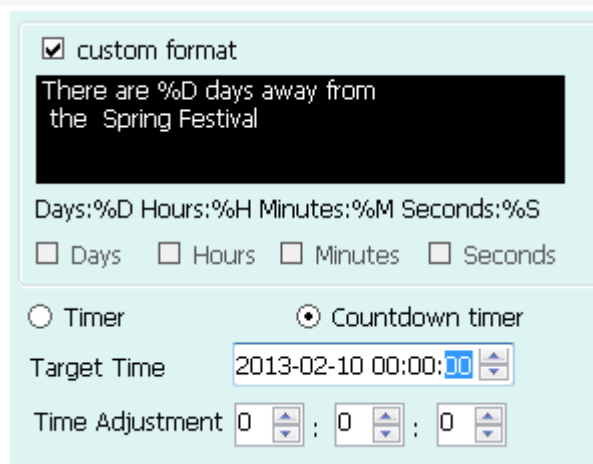


Figure 4.20

Set a timer in the multi-function window, shown in Figure 4.21:





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Figure 4.21

Note: This is just an example producing programs page and be sure every time so many steps, according to the specific circumstances, the flexibility to use the software.

4.4 set the program window properties

can not broadcast after the window is added to the program page because all the windows overlap, some of the contents of the window will not see. Then they need to adjust the size, position of each window, so that the contents of each window can be displayed in the playback time. Of course, you can also add a window to set the window properties, the best method is side set of properties while adding the contents of the window, so you can adjust properties based on the content.

Adjust window size and position, you can set the starting point X and starting point Y in the window properties, width, height, style, alignment, etc., can also use the mouse to move the window to adjust the size and position. As in this example, Figure 4.22:

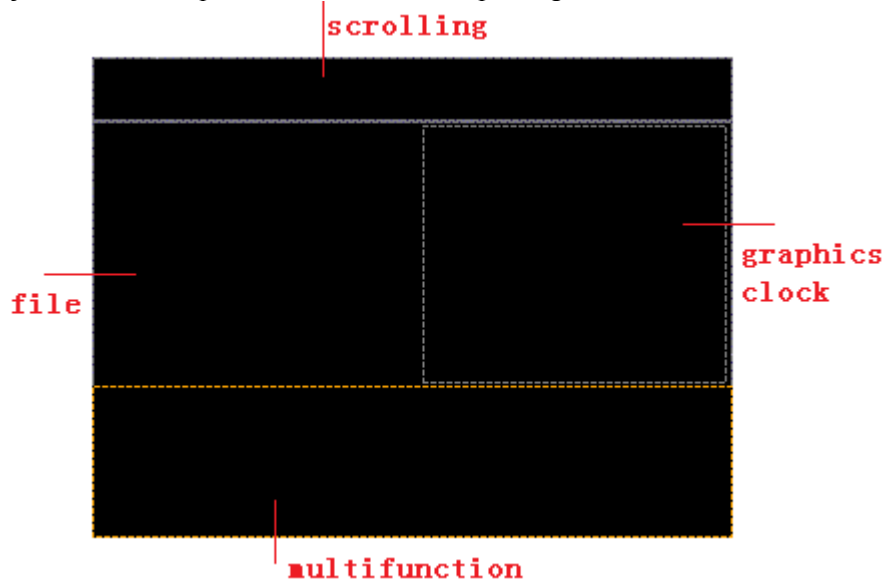



Figure 4.22

4.5 Complete the program production

The program list is completed, we must remember to save. Click "File" -> "save" or directly click the "Save" button , pop-up Save As dialog box (Figure 4.23), enter the file name, click on the "Save" button. The default save file format is .xml, and other formats of this software does not recognize.



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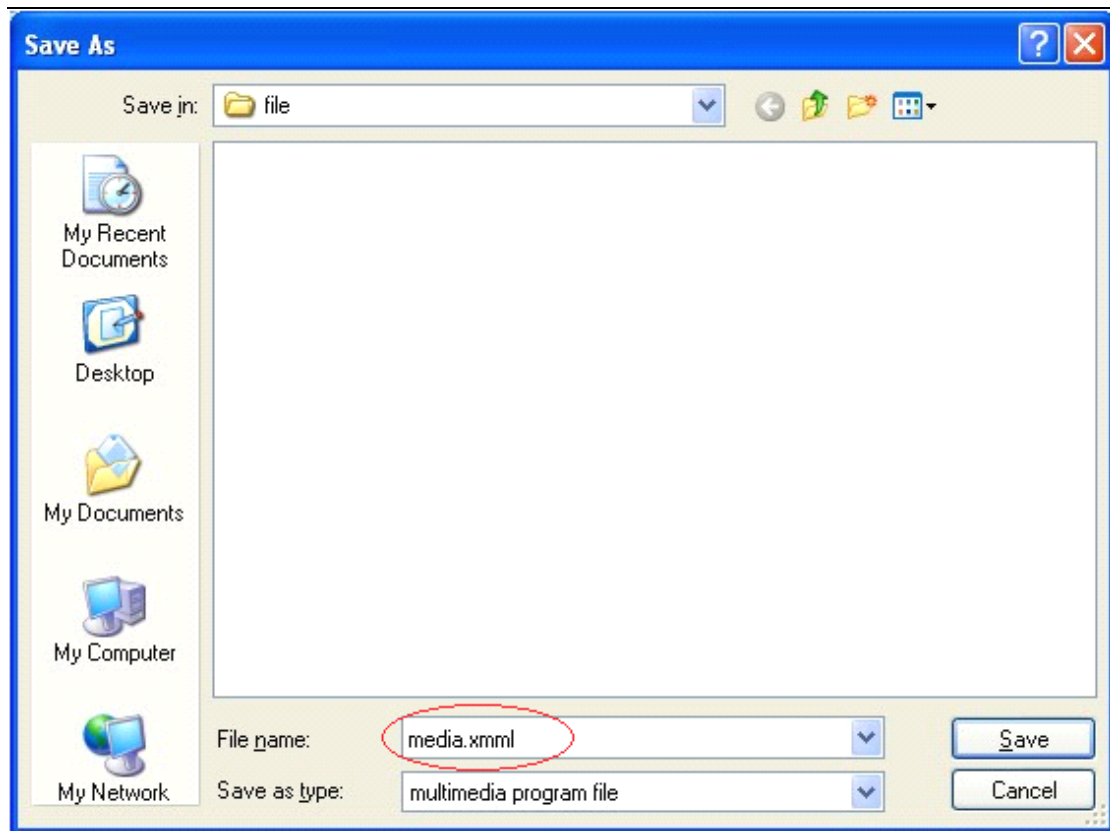


Figure 4.23

If you do not want to save, click the "Cancel" button.

After clicking on the Save button, the file name is displayed in the lower right corner of the edit window, shown in Figure 4.24:

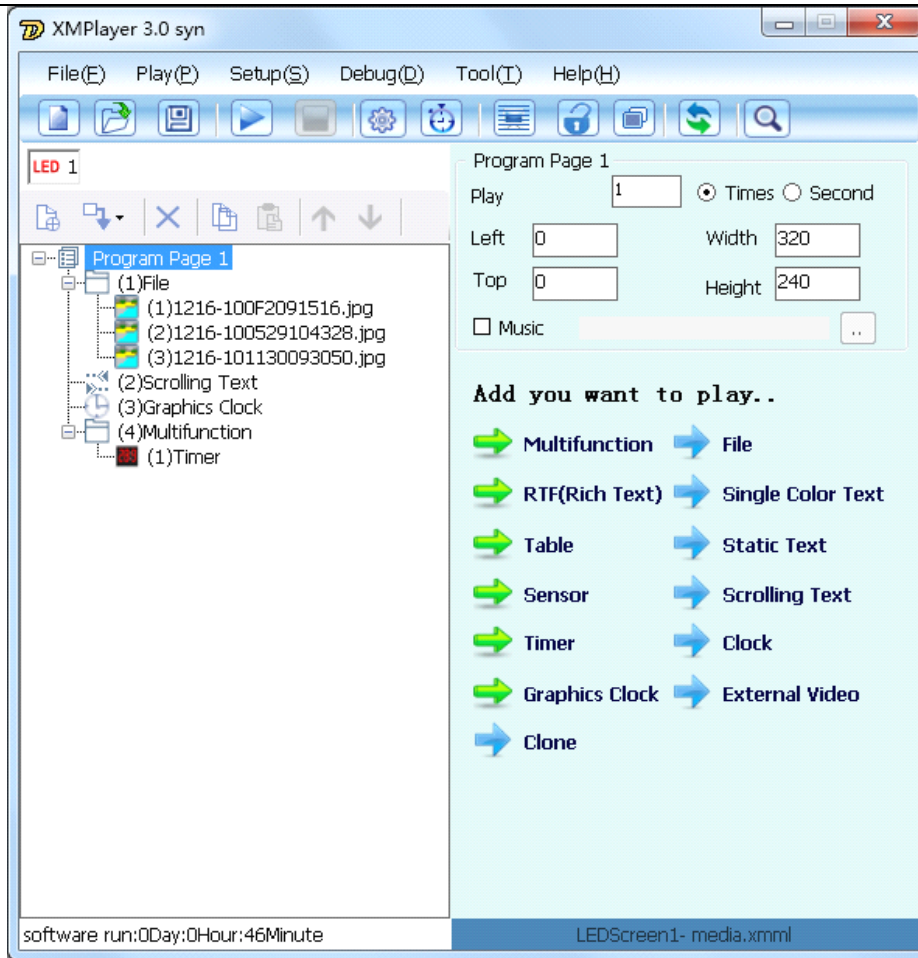



Figure 4.24

Save the program list for the convenience of the next use. If you do not save the program list its can normal broadcast, but to start the software again the program needs to remake.

4.6 display program

Click start button , start playing program, edit window as Figure 4.26, display window as Figure 4.26:

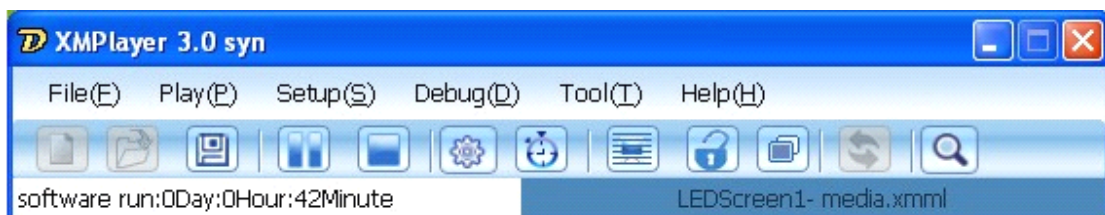


Figure 4.25



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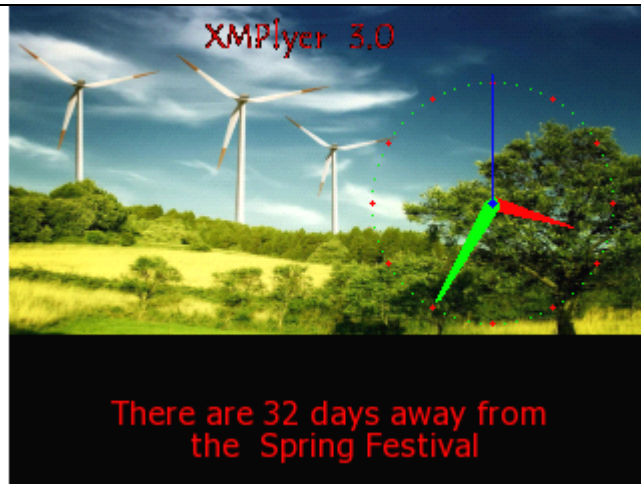




Figure 4.26

Click pause button  pause playing the program, click stop button , stop display the program.

Note: If program list contains more than one program page, cycle play according to the order.

Chapter 5 add file


File window can add a lot of media material, supported many types of files, as shown in Table 5.1:

media	Format	Display property
TXT document	txt	Show style, Duration, fonts, and residence time.
Word office document	doc、 docx	Display style, play time, frequency, color replacement, admission stunt, played stunt, residence time.
PPT power point	ppt	Display style, play time, frequency, color replacement, paging, admission stunt, played stunt, residence time.
Excel spreadsheets	xls	Display style, play time, frequency, color replacement, paging, admission stunt, played stunt, residence time.
video	gif 、 avi 、 mpg、 rm 、 rmvb、 vob、 swf	Display style, play time, frequency, publish quality, video reverse, admission stunt, played stunt, residence time.
music	Mp3	Display style, play time, frequency
picture	bmp/jpg/jpeg/gif	Display style, play time, frequency, admission stunt, played stunt, residence time.

Form 5.1

Broadcast programs, the contents of the file window played in chronological order.

5.1 add file window

Click add new file button —>file, add a new file window, as shown in Figure 5.1:

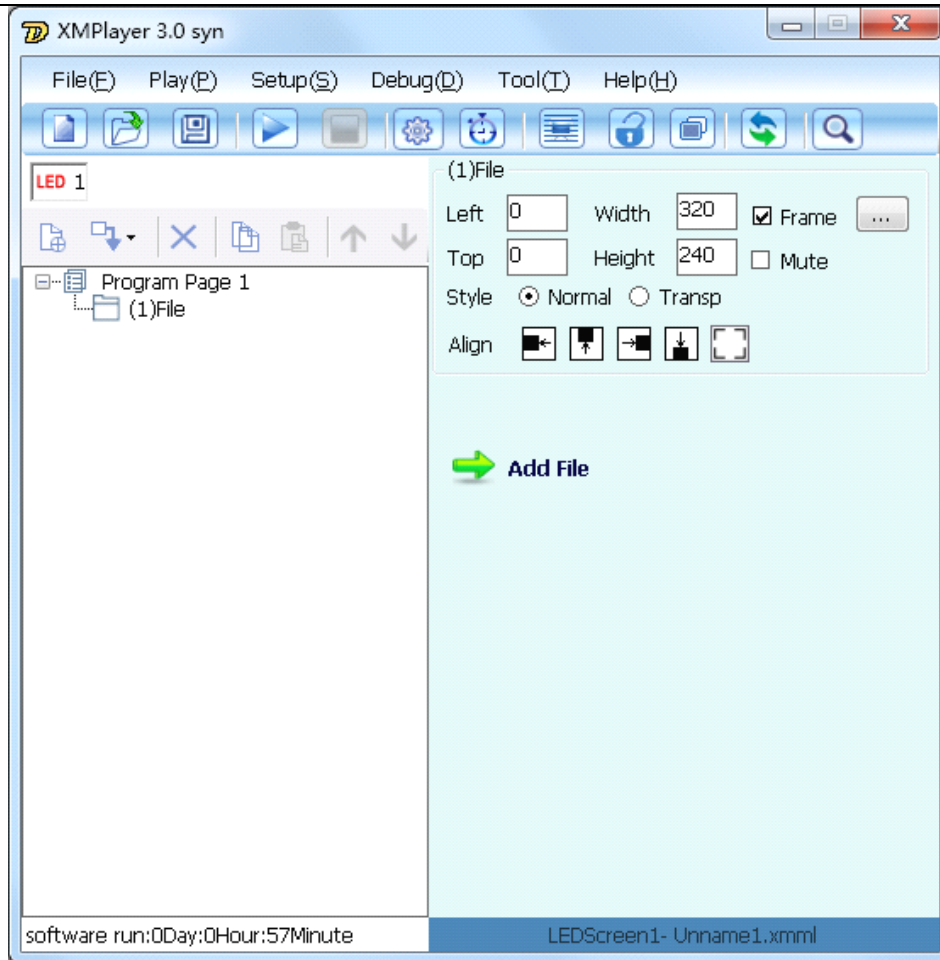


Figure 5.1

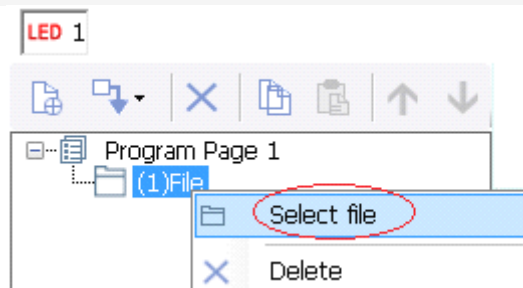
5.2 setting file window content

5.2.1 Add media materials

Add Files window also need to add media material, will have a content display window.

There are two ways to add media material in the file window.

Right click on "File" -> "select File", as shown in Figure 5.2





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Figure 5.2

One is Click the "Add Files" in Figure 5.1.

Either way, will pop open the dialog box shown in Figure 5.3:

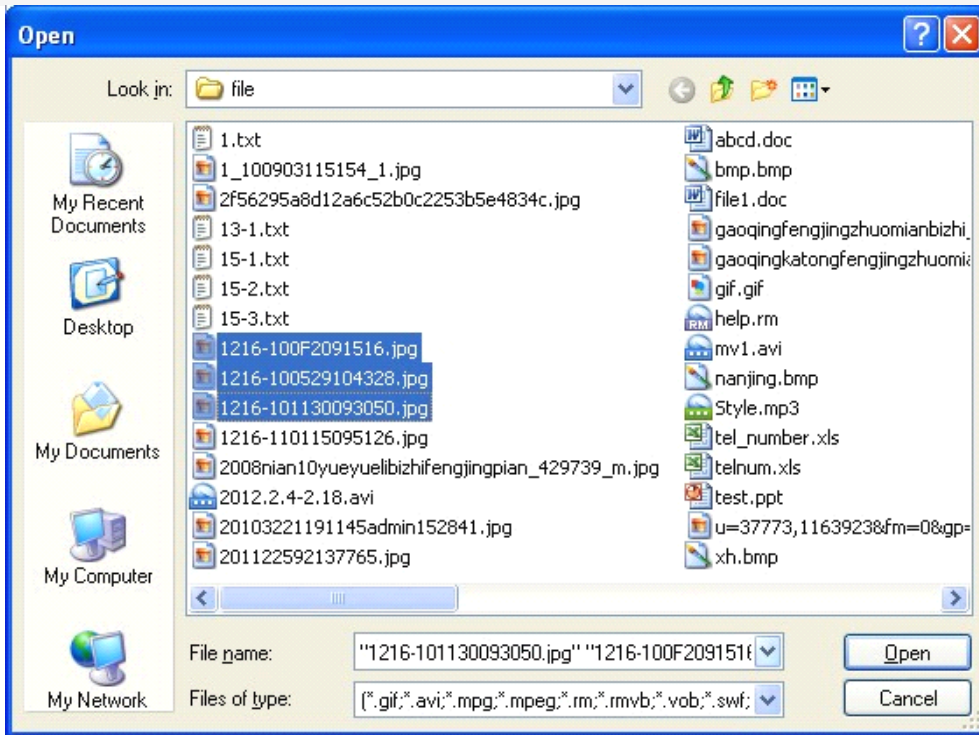


Figure 5.3

Select the media files you want to add, click the "Open" button, all selected media files displayed in the program list, shown in Figure 5.4: (Note: the selection of media files, note the order, first select the first player)

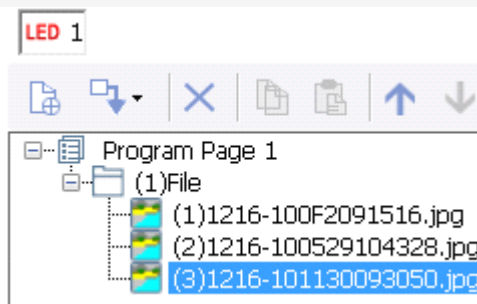



Figure 5.4

5.2.2 Delete media materials

If you do not need a media file, select the media file, click on the delete button  , as shown in figure 5.5:

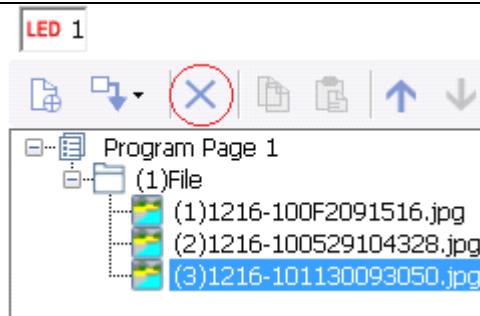


Figure 5.5

Or right click on the media file, as shown in Figure 5.6, click Delete.

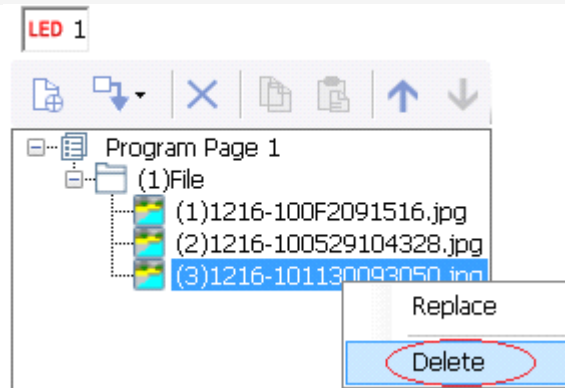


Figure 5.6

Showing figure 5.7:

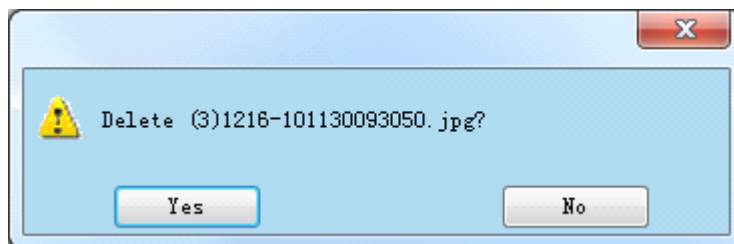


Figure 5.7

Click "Yes" to delete the media file, click "No" to cancel the delete operation.

5.2.3 Replace media materials

If you want to replace a media file for other files, Right-click on the media file -> Replace

Figure 5.8:



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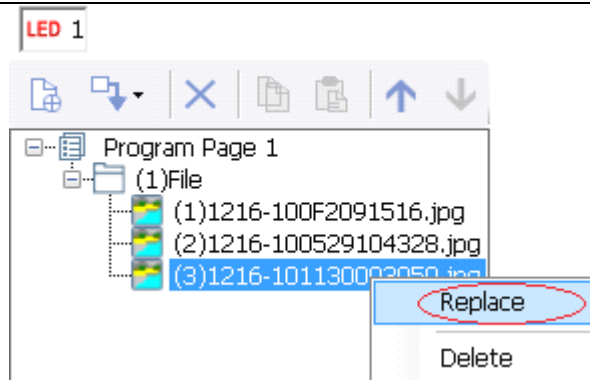


Figure 5.8

You can also right click the "select File"  button in the property, as shown in Figure 5.9:

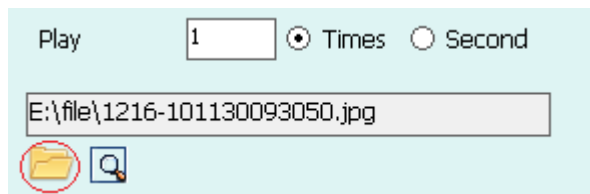


Figure 5.9

Pop open the dialog box, select the file, and click "Open", the new file to replace the original picture.

5.2.4 Move media materials

Left Click to select the media you want to move, then click on the "Move up", "Move Down" buttons that can move the material. Figure 5.10:

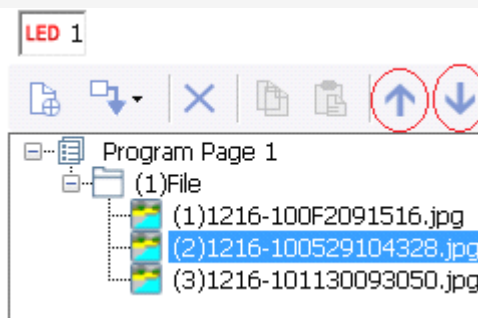


Figure 5.10

Note: The first clip can not move up to the last clip can not be down.

5.3 file properties

Add a different material, have different window properties.

5.3.1 TXT document



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Figure 5.11 Add TXT document properties, functions can refer to Appendix 1 window Description monochrome text, but is a full-screen display. Other TXT files can also set to play the length of time or frequency, default play 1 time.

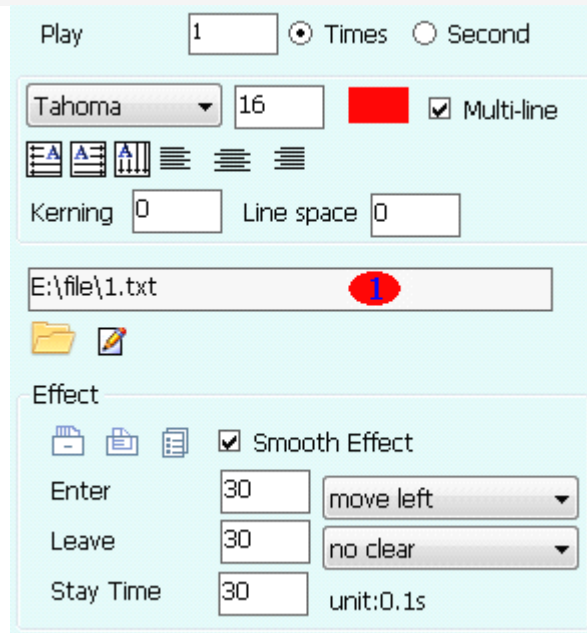


Figure 5.11

5.3.2 WORD document

Figure 5.12 adds WORD document properties; you can set the play times.

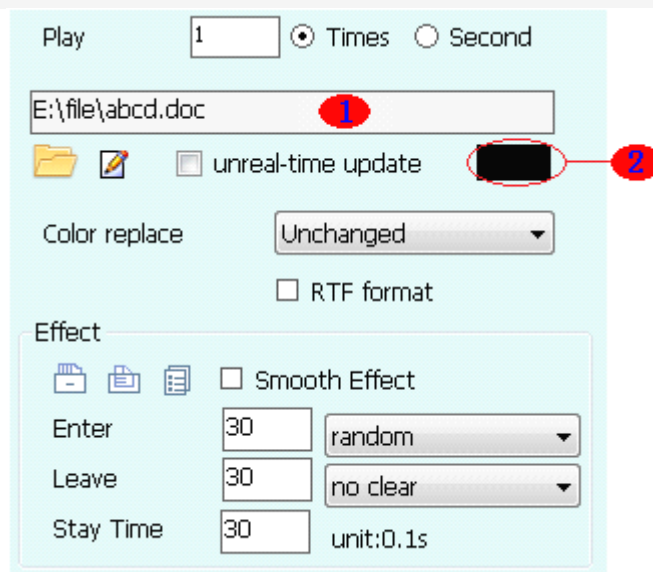




Figure 5.12


1 Shows the word document's path, name and ect.



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Click , pop out the color dialog, change the background color of current document.

Click “select file” button , pop out the open dialog, as show in figure 5.13, choose the new word document to replace the current document.

click  to choose new word file to replace the current one.

click  to check the content and re-edit the content

after re-editing and save, it will play the content saved, if not save, it will play the content before.

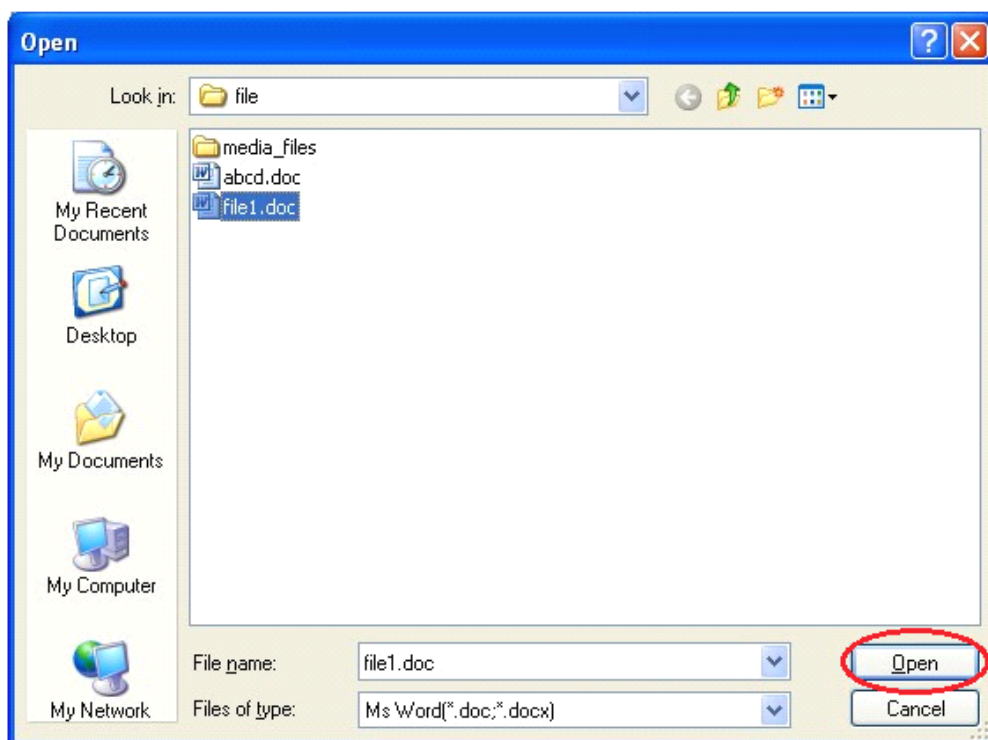

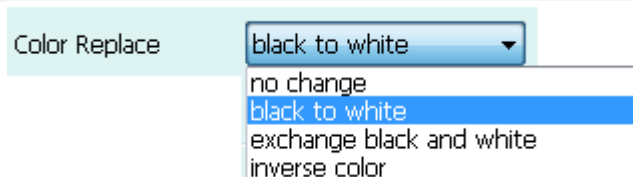


Figure 5.13

Click “edit” button , open the current word document, check or edit the content.

If re-edit the content, have to save the file after edit. After you finish editing the text, the playback window still displays the original content if does not save the document.

Color Replacement "no change, black to white, exchange black and white, inverse color, shown in Figure 5.14:





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Figure 5.14

Note: In order to see the obvious difference, here to change the background color of a Word document.

no change : Keep the font color same with the word document editing color in the playback window to display, as shown in Figure 5.15:

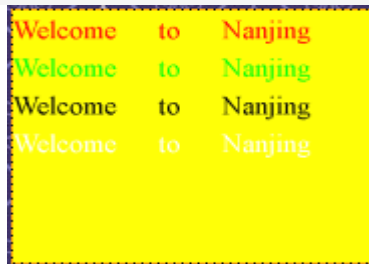


Figure 5.15

Black to white: black (Figure 5.15) word document editing changes to white, From Figure 5.15 to Figure 5.16, other colors unchanged.



Figure 5.16

Exchange black and white: the edit window (Figure 5.15) word document in white and black colors reversed, ie white to black, black to white, other colors unchanged, see Figure 5.17:



Figure 5.17

Inverse color: Also known as complementary color, red complementary color is green, blue complementary color is orange, yellow complementary color is purple. Inverse color



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superimposed with the colors can be changed to white color, such as red (RGB: 255, 0, 0) inverse color is green (0,255,255). Figure 5.15 become Figure 5.18.



Figure 5.18

5.3.3 Excel file

Figure 5.19 Add Excel file properties, you can set the play time or color replacement, paging, set stunt. Please refer to Appendix 2 stunt instructions.

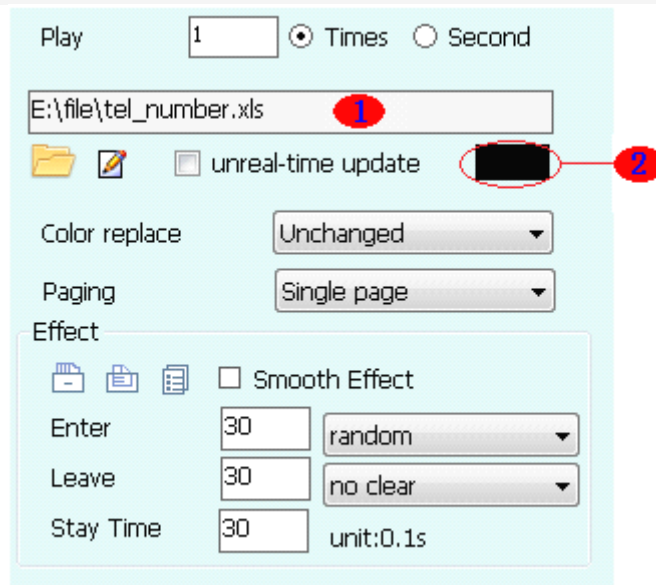



Figure 5.19

① Shows Excel Figure path, name and ect.

Click ②, pop out the color dialog, revise the background color of current file.

Click “select file” button , pop out the dialog (Figure 5.20), select Excel file to replace the current file.



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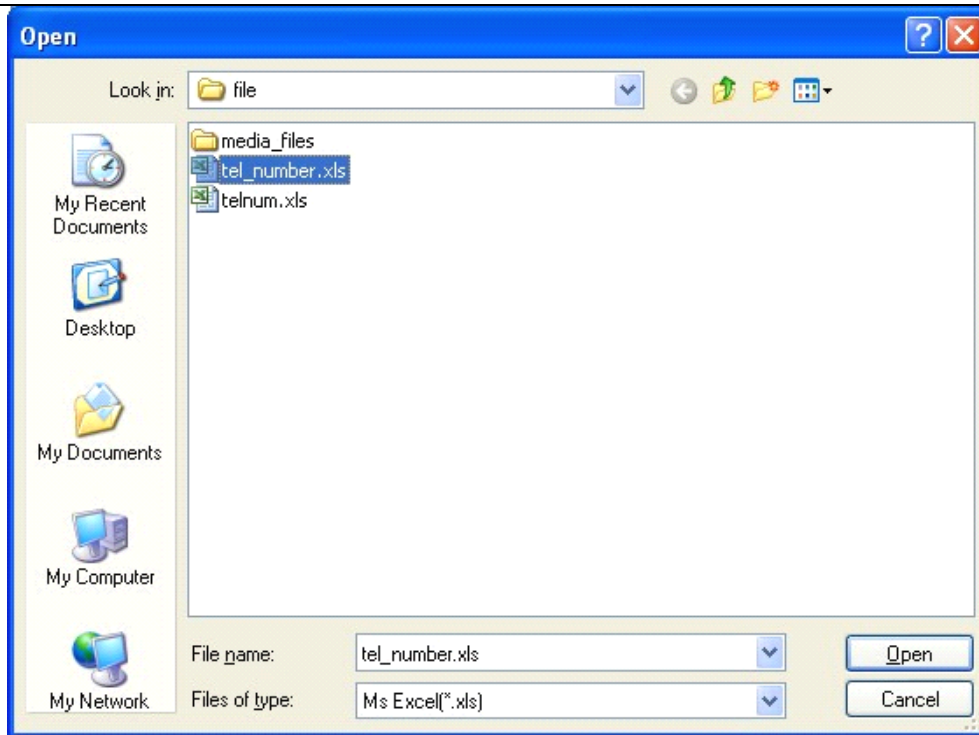


Figure 5.20

Click on the "Edit" button, open the current Excel documents, view the contents or re-edit the content.

Re-edit the content, save the document after editing in the program list; click the Excel document again, the playback window display editing content. Do not save the document after editing, playback window still displays the original content.

Color Replacement "no change, black to white, exchange black and white, reverse color" four effects, the same with Word document.

Paging have "single page、column first、row first" 3 effects, as shown in figure 5.21:



Figure 5.21

single page: All the contents displayed in Figure 5.22:



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1	15020029850	2	15020029850	3	15020029850	4	15020029850	5	15020029850
2	15895870731	2	15895870731	3	15895870731	4	15895870731	5	15895870731
3	15962231922	2	15962231922	3	15962231922	4	15962231922	5	15962231922
4	13951234751	2	13951234751	3	13951234751	4	13951234751	5	13951234751
5	15152046000	2	15152046000	3	15152046000	4	15152046000	5	15152046000
6	13810257730	2	13810257730	3	13810257730	4	13810257730	5	13810257730
7	15895283818	2	15895283818	3	15895283818	4	15895283818	5	15895283818
8	15996945107	2	15996945107	3	15996945107	4	15996945107	5	15996945107
9	15850682864	2	15850682864	3	15850682864	4	15850682864	5	15850682864
10	15020029850	2	15020029850	3	15020029850	4	15020029850	5	15020029850
11	15895870731	2	15895870731	3	15895870731	4	15895870731	5	15895870731
12	15962231922	2	15962231922	3	15962231922	4	15962231922	5	15962231922
13	13951234751	2	13951234751	3	13951234751	4	13951234751	5	13951234751
14	15152046000	2	15152046000	3	15152046000	4	15152046000	5	15152046000
15	13810257730	2	13810257730	3	13810257730	4	13810257730	5	13810257730
16	15895283818	2	15895283818	3	15895283818	4	15895283818	5	15895283818
17	15996945107	2	15996945107	3	15996945107	4	15996945107	5	15996945107
18	15850682864	2	15850682864	3	15850682864	4	15850682864	5	15850682864
19	15020029850	2	15020029850	3	15020029850	4	15020029850	5	15020029850
20	15020029850	2	15020029850	3	15020029850	4	15020029850	5	15020029850
21	15895870731	2	15895870731	3	15895870731	4	15895870731	5	15895870731
22	15962231922	2	15962231922	3	15962231922	4	15962231922	5	15962231922
23	13951234751	2	13951234751	3	13951234751	4	13951234751	5	13951234751
24	15152046000	2	15152046000	3	15152046000	4	15152046000	5	15152046000
25	13810257730	2	13810257730	3	13810257730	4	13810257730	5	13810257730
26	15895283818	2	15895283818	3	15895283818	4	15895283818	5	15895283818
27	15996945107	2	15996945107	3	15996945107	4	15996945107	5	15996945107
28	15850682864	2	15850682864	3	15850682864	4	15850682864	5	15850682864

Figure 5.22

column first: In cases of many contents, the column display, as shown in Figure 5.23:

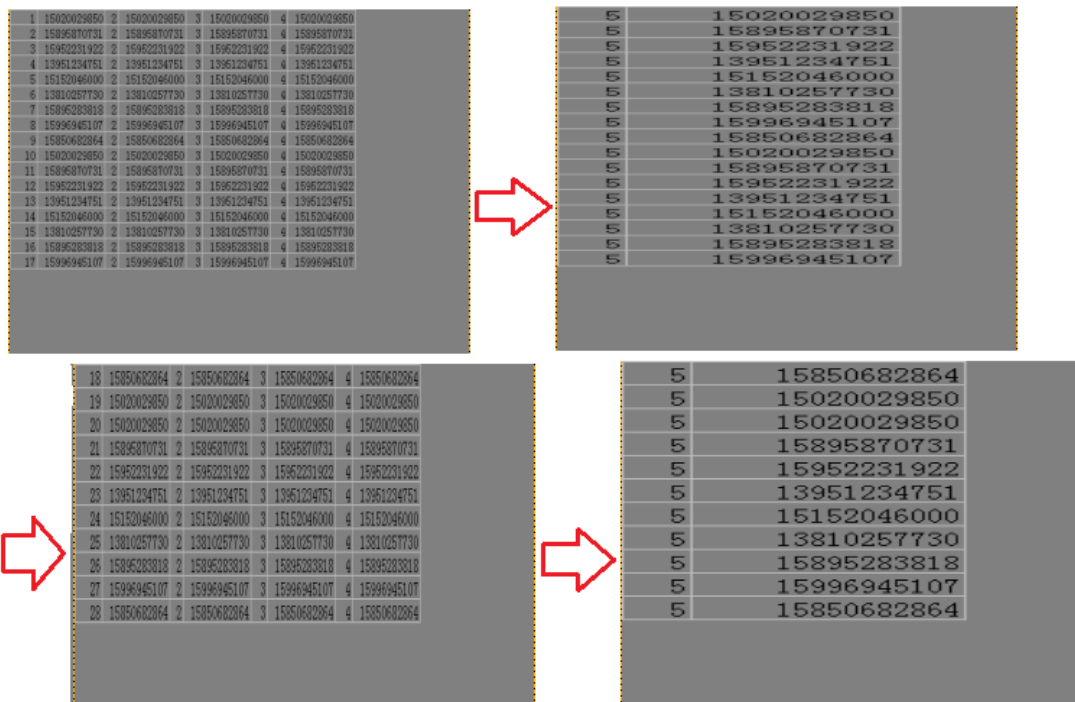


Figure 5.23

row first: In cases of many contents, the row display, as shown in Figure 5.24:



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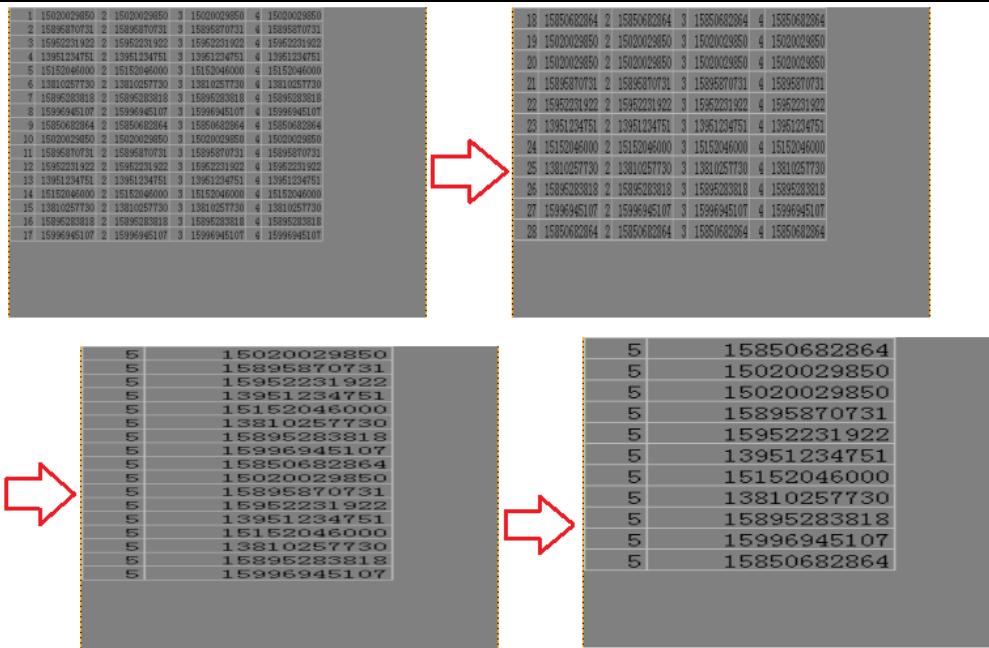


Figure 5.24

5.3.4 PPT file

Figure 5.25 Add PPT file properties, you can set the play time or color replacement, paging, stunt, function same with 5.3.3Excel file.

The screenshot shows a configuration window for a PPT file. It includes the following elements:

- Play:** A text box containing '1' and radio buttons for 'Times' (selected) and 'Second'.
- File Path:** A text box containing 'E:\file\test.ppt'.
- unreal-time update:** A checkbox that is unchecked.
- Color replace:** A dropdown menu set to 'Unchanged'.
- Paging:** A dropdown menu set to 'Single page'.
- Effect:** A checkbox for 'Smooth Effect' that is unchecked.
- Enter:** A text box with '30' and a dropdown menu set to 'random'.
- Leave:** A text box with '30' and a dropdown menu set to 'no clear'.
- Stay Time:** A text box with '30' and the text 'unit:0.1s'.

Figure 5.25

5.3.5 Multi-media file

Figure 5.26 is to add video files properties; you can set the Duration, publish quality, and select video reverse.



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Figure 5.26

Publish quality: Send the video to the LED display convert to avi format. Publish quality have 5 choices to be selected, as shown in Figure 5.27:

Figure 5.27

Tick“video reverse”, Playback window to display the video content flipped 180 °; Does not tick, play the video in the window to normal playback. Figure 5.28: (Note: reverse video playback window, the video on the LED displays is flipped.)






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Figure 5.28

I Shows video file path, name and ect.

Click “select file” button , pop out the dialog, as shown in figure 5.29, choose the multi-media file to replace the current file.

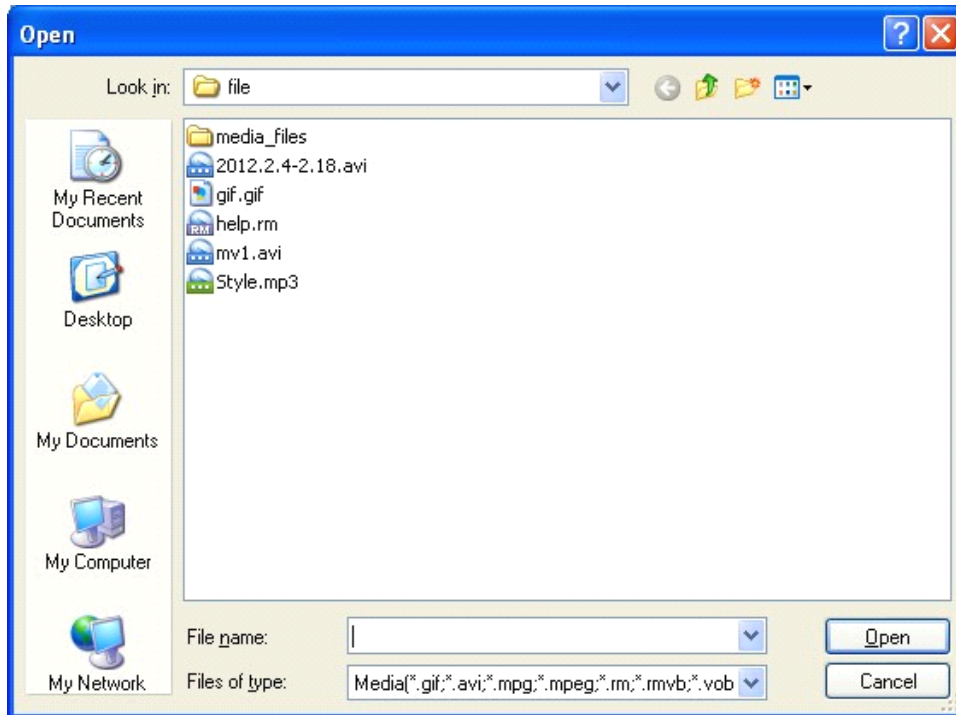


Figure 5.29

Figure 5.30 add MP3 properties that playback times can be set.

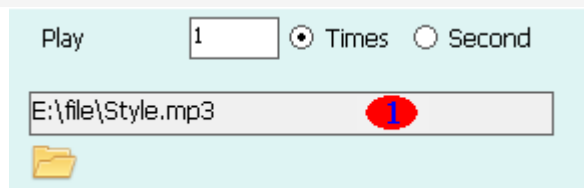



Figure 5.30

I Shows the MP3 file path, name and ect.

Click “select file” button , pop out the dialog, choose the multi-media file to replace the current file.

5.3.6 Picture file

Figure 5.31 add picture file properties that the effect / times can be set.



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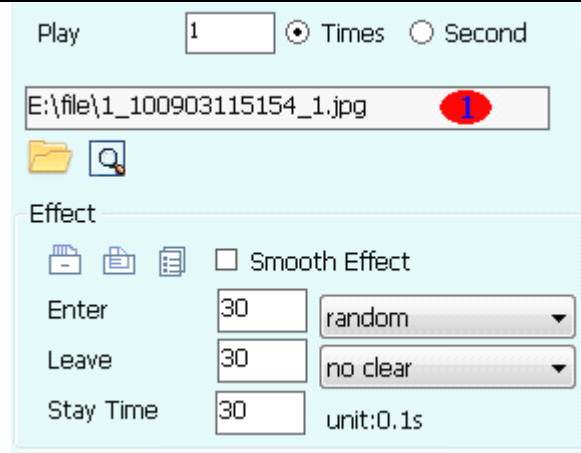




Figure 5.31

 Shows the picture path, name, and ect.

Click “select file” button , pop out the dialog, as shown in figure 5.32, choose the picture file to replace the current file.

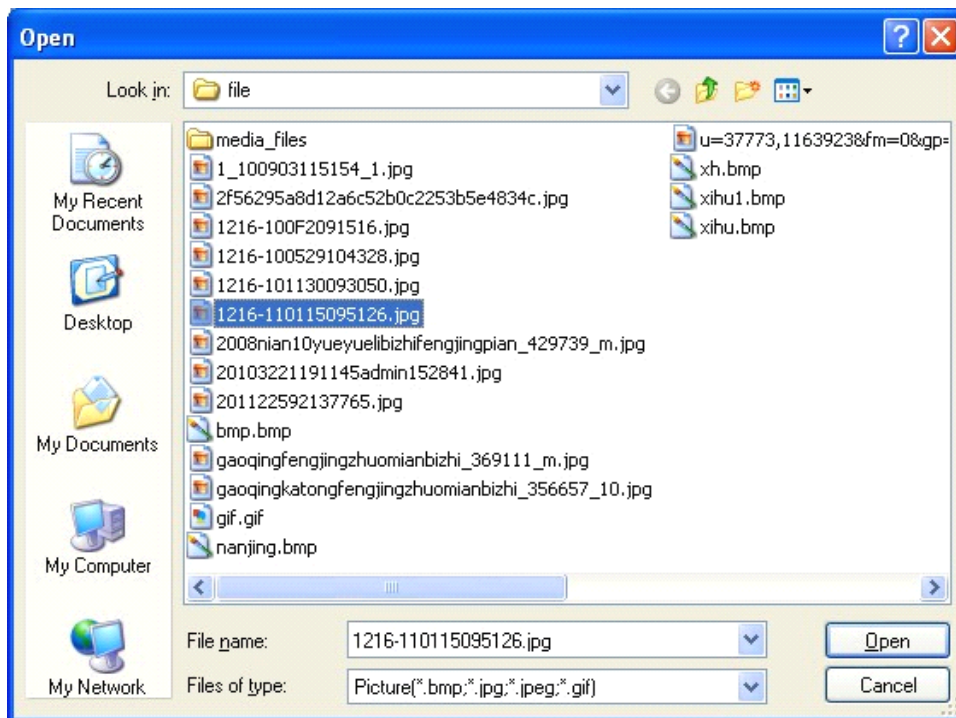


Figure 5.32



Click “check” button , check the picture, as shown in figure 5.33, click , close the picture.



Figure 5.33

Chapter 6 RTF (Rich text)

RTF is the abbreviation for Rich Text format, which means multi-text Figure at. This is a file like DOC format (Word document), good compatibility, use Windows "Accessories" WordPad can open and edit it, save name suffix *. rtf.

Universal compatibility is the most important feature of the RTF. Many software are able to recognize the file format, such as Word, WPS Office, Excel can open Rich Text format (RTF) files.

The RTF text window (color) you can add any number of RTF files, add support for local RTF file and create RTF files.

RTF file editor shown in Figure 6.1:

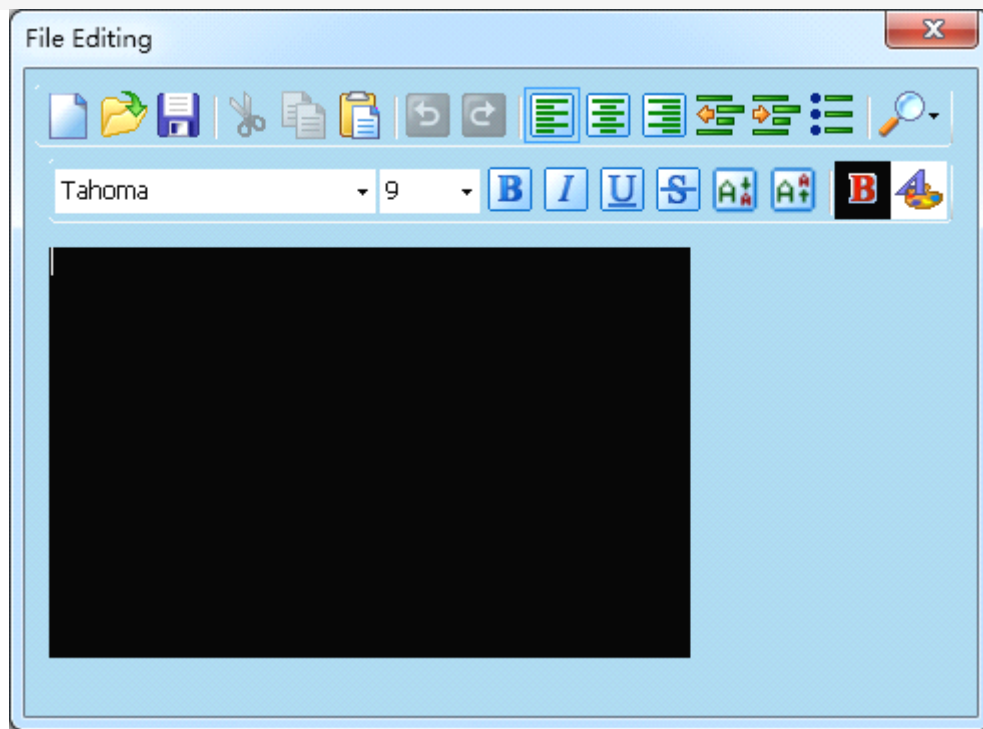























Figure 6.1

Tool bar:

button	name	function
	clear	Clear file content
	import	Open local file to re-edit
	export	Save current file
	cut	Cut selected content



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	copy	copy selected content
	paste	Paste selected content
	revocation	Back to up step
	recover	Back to next step
	Align left	Left justify the selected content
	Middle	Middle justify the selected content
	Align right	Right justify the selected content
	Reduce indent	Right indent the selected content
	Increase indent	Left indent the selected content
	Bullets	Add bullets
	Zoom	Zoom in or out the selected words
<input type="text" value="Tahoma"/>	font	Select the font
<input type="text" value="9"/>	Font size	Select the font size
	Bold	Bold the selected words
	Lean	Lean the selected words
	Underline	Add the underline of selected words
	Strikeout	Strikeout the selected words
	Subscript	Add subscript of selected words
	Superscript	Add superscript of selected words
	Background color	Change the background color



Font color

Change the font color

Form 6.1 RTF edit tool bar

6.1 add RTF text window


Click add new window button  -> RTF (colored text), add a new RTF text window, the window properties shown in Figure 6.2:



Figure 6.2

6.2 add local RTF file

Click “add RTF file”, pop out the open window (figure 6.3),



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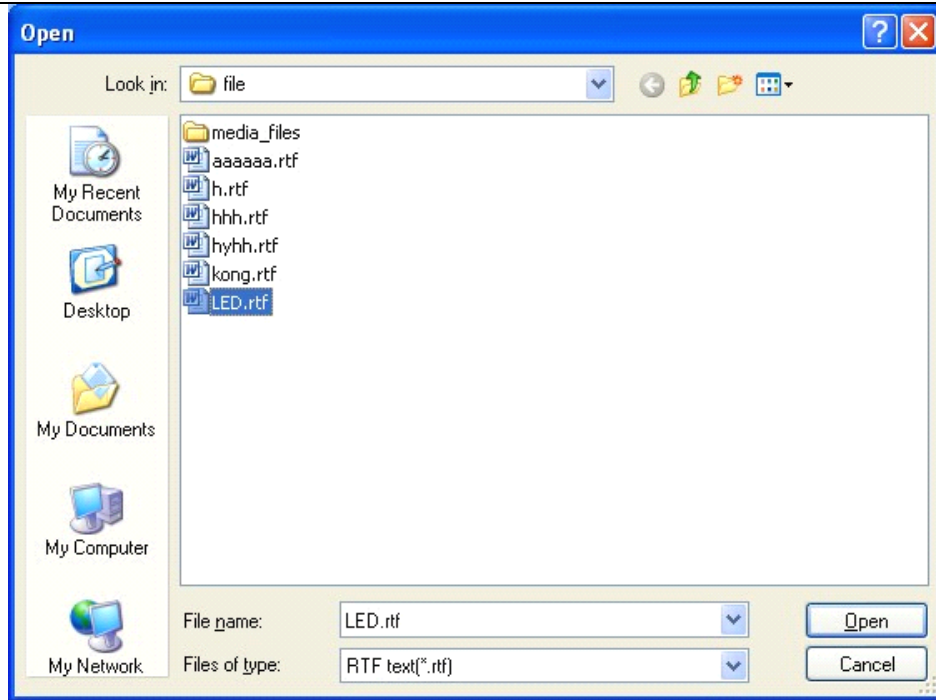


Figure 6.3

Select the file; click the "Open" button, RTF color file properties becomes Figure 6.4:

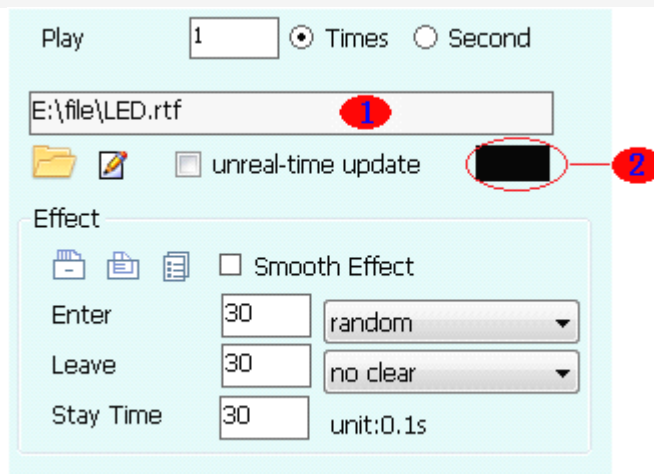



Figure 6.4

1 Shows the RTF file path, name and ect.


Click 2 , pop out the color dialog, revise the background color of the current file.

Set stunt refer to Appendix 2 – stunt instructions.

Click "select File" button , pop out open dialog box, select the RTF file to replace the current file.



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Click on the "edit" button  , pop-out file editing dialog box, shown in Figure 6.5, you can view or re-edit the contents of the file.

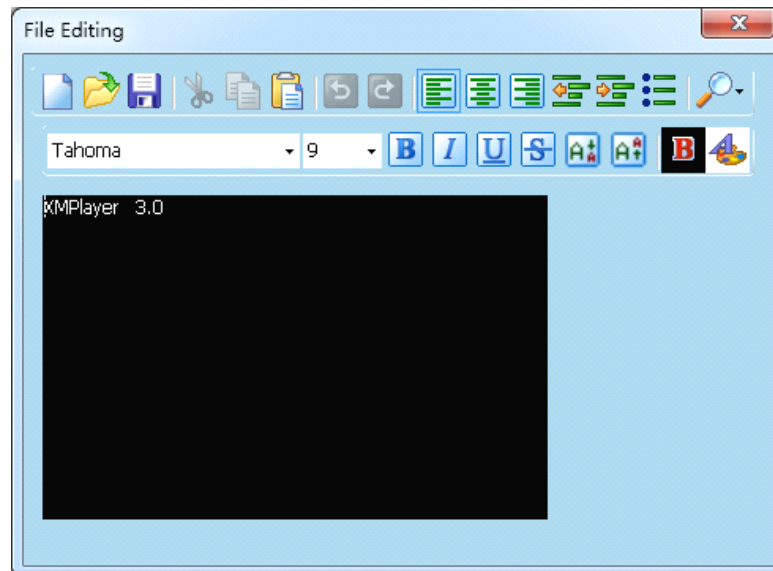



Figure 6.5

Click on the "Save" button  to save the contents of edited file.

6.3 create RTF file

Click on "Create the RTF file, popout the edit dialog, as shown in figure 6.6, edit the RTF file.



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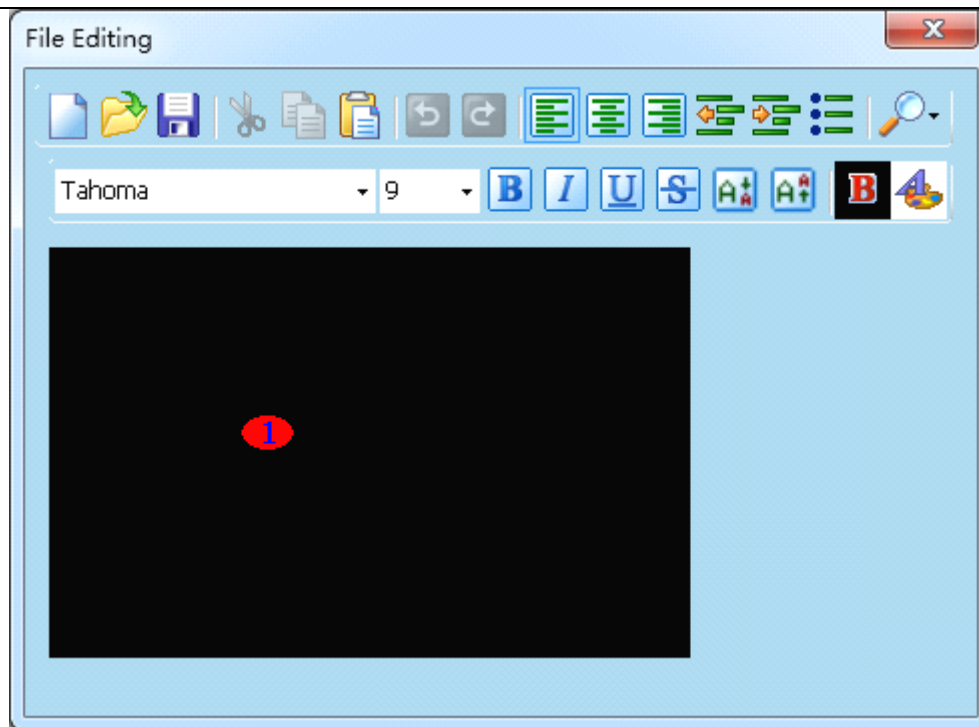




Figure 6.6

Edit the contents of the file in  , click the "Save" button  after editing, pop-out Save As dialog box, shown in Figure 6.7, enter the file name, and click Save to save the file locally.

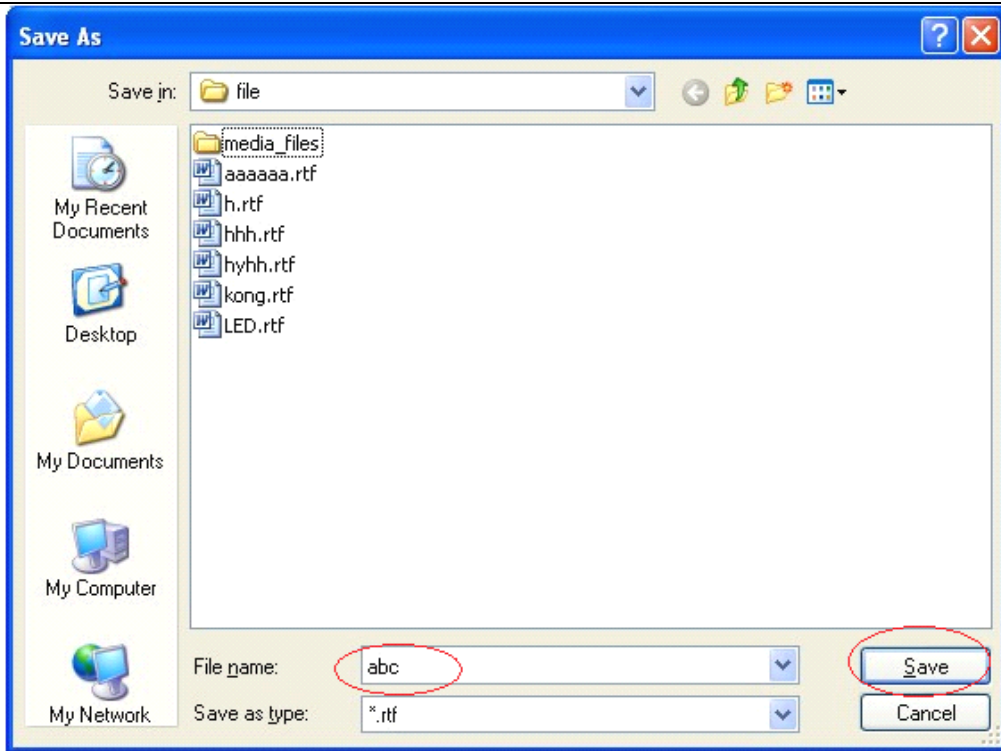



Figure 6.7

Click “close” button  means doesn't save the file , Automatically generated file name stored in the installation directory's rtf folder, as shown in Figure 6.8:

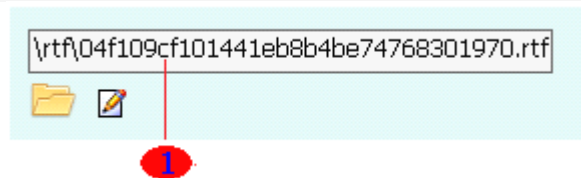



Figure 6.8

 Shows the path, automatically generated file name

Click “select file” button  , pop out open dialog, choose a RTF file to replace the current RTF file.

Chapter 7 add Table

There are two ways to form a table: one is using the software that comes with a new table , the other is to open saved locally dtbl form .

The table windows can add any number of forms, broadcast programs in chronological order.

The software comes with the table editor in Figure 7.1:

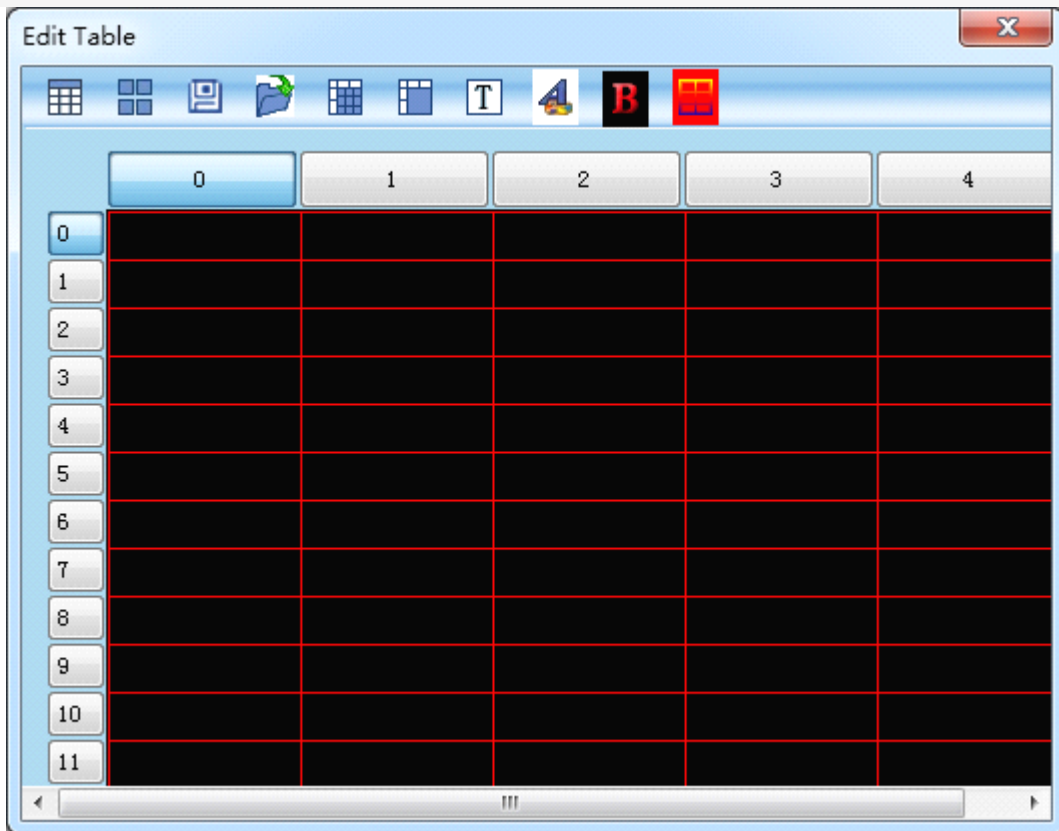









Figure 7.1

Tool bar:

Button	Name	Function
	Table property	Setting Table properties
	Cell property	Setting cell properties
	Save	Save table to local
	Open	Open the local table
	Split cells	Split columns or rows
	Merge cells	Merge columns or rows
	Font	Set font、type、 size



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Font color

Set the edited font color



Background
color

Set the whole table background color




Border color

Set the table's border color

Form 7.1 from edit toll bar

Table property

Click Table property button , pop out property dialog, as shown in figure 7.2, set columns, rows, default as 5 columns and 12 rows.

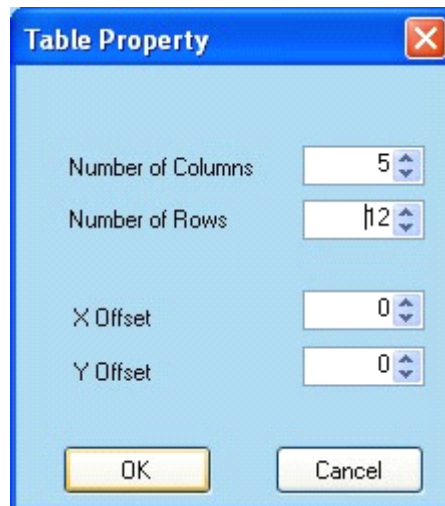



Figure 7.2

Table X Offset: the entire table to the right to move the distance set by fine-tuning button can also directly enter a value, the default is 0.

Table Y offset: the distance of the downward movement of the entire table, by fine-tuning button settings can also directly enter a number, the default is 0.

Cell property

click on the cell Properties button , the cell properties dialog box pops up, as shown in Figure 7.3, set the cell width (the default is 96 pixels), the cell high (the default is 24 pixels). (Note: the set of cell width and cell high taking into account the size of the window)



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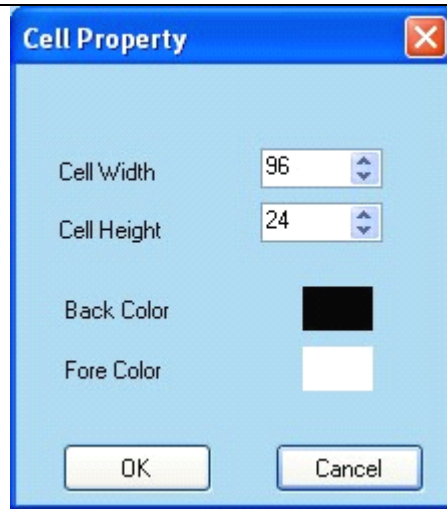


Figure 7.3

Background Color: set the background color of the cell, the default is black.

Font color: set the cell to insert the text color, default is white.

Click the background color, pop-out corresponding to the color chart, select a color, and click OK.

Merge cells

Select the merge cells, click  to merge, as shown in figure 7.4:

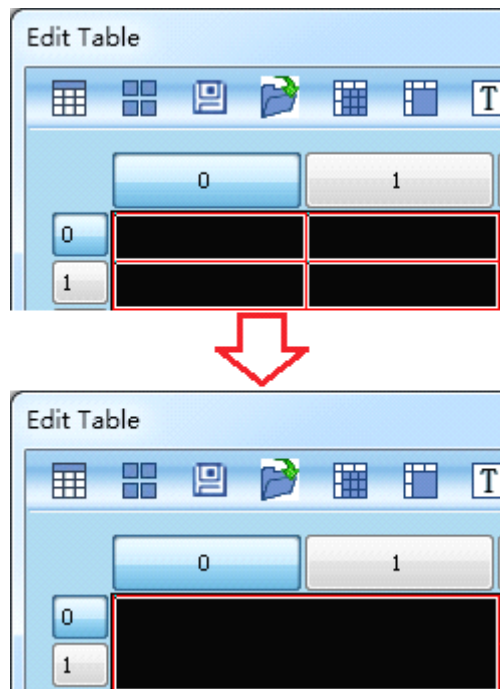


Figure 7.4



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Split cells

Select the split cells, click  to split, as shown in figure 7.5:

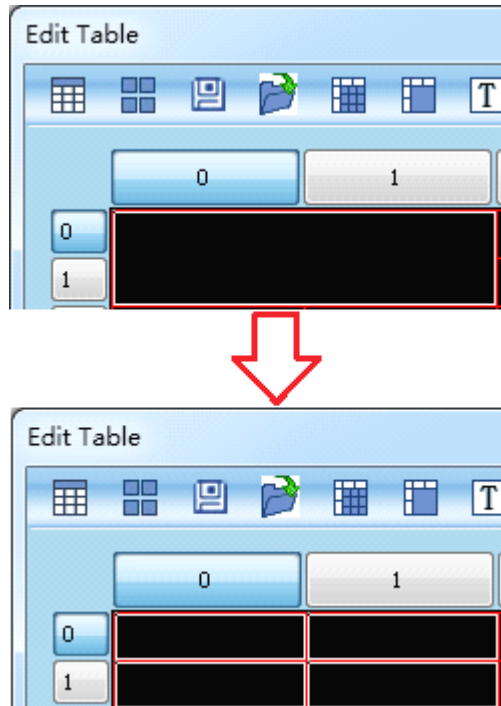



Figure 7.5

Font

Edit the selected font, click the Font  dialog box pops out, as shown in Figure 7.6, set the font, font style, size, and whether to use strikethrough, underline.

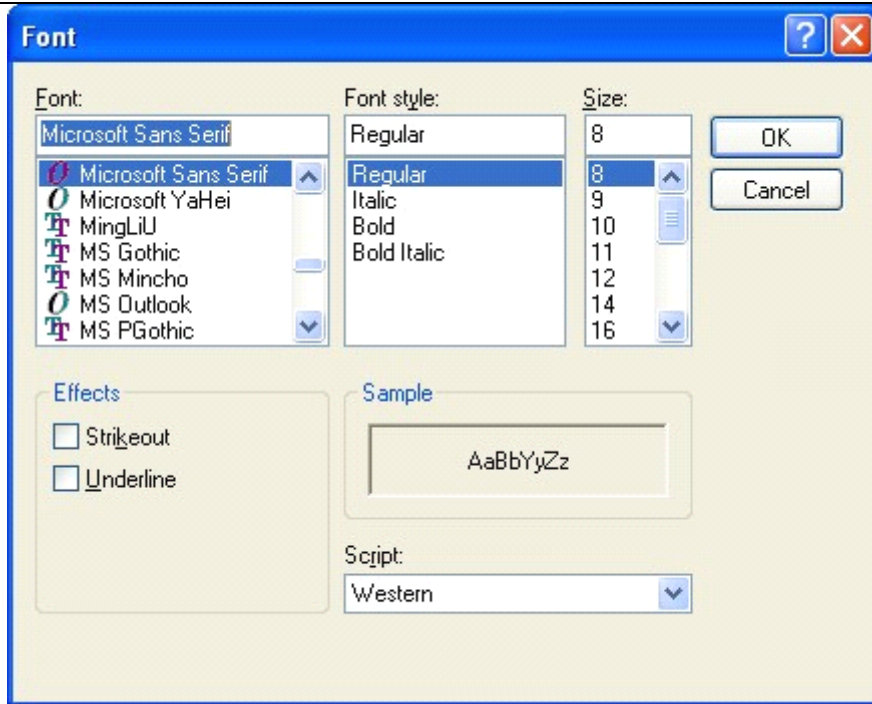



Figure 7.6

7.1 add Table window

Click “add new” button —>table, add a new Table window, property shown in figure 7.7:

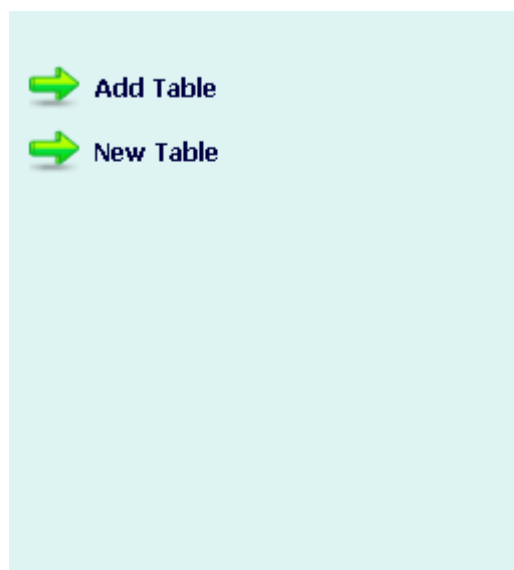


Figure 7.7



7.2 add local Table

Click “add table”, pop out open dialog(Figure 7.8),

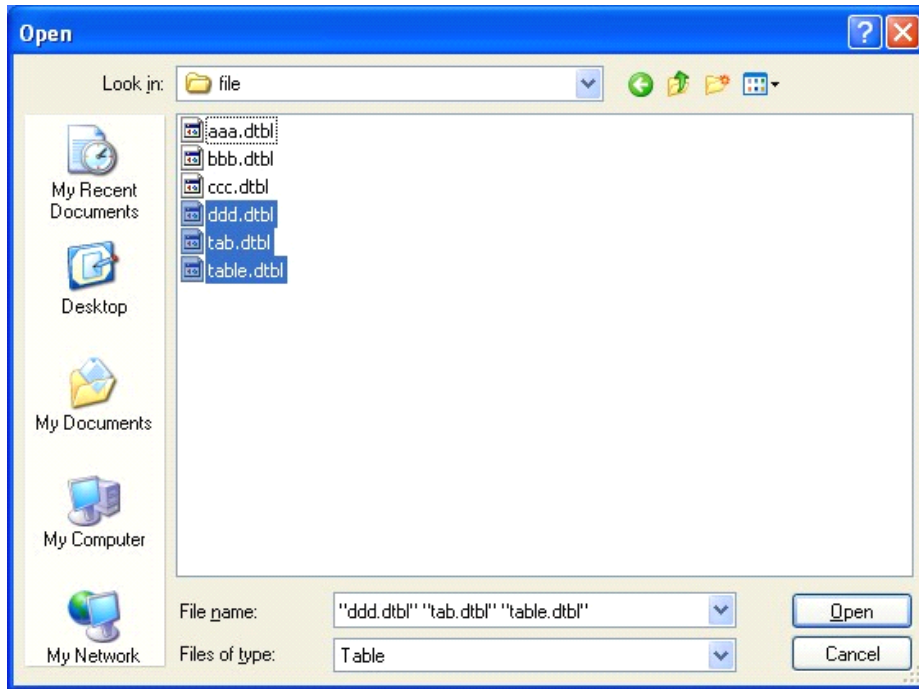


Figure 7.8

Select the table. click the "Open" button, the table window properties in Figure 7.9, play times can be set.

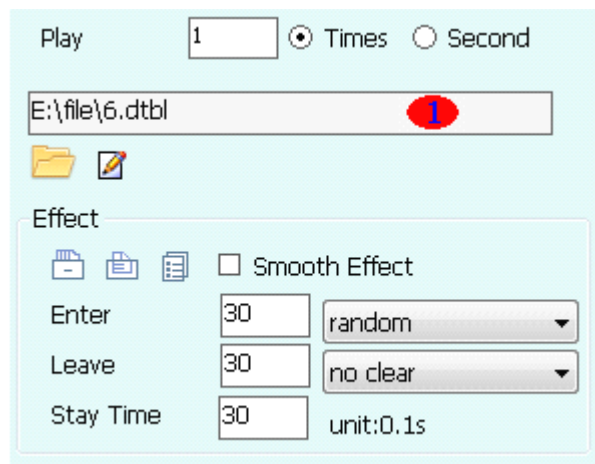





Figure 7.9

 Shows the table path, name.



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Click "Choose File" button , pop open the dialog box, and select a table to replace the current spreadsheet file.

Click on the "edit" button , pop out Edit Table dialog box, shown in Figure 7.10, you can view the contents or re-edit the contents of the table.

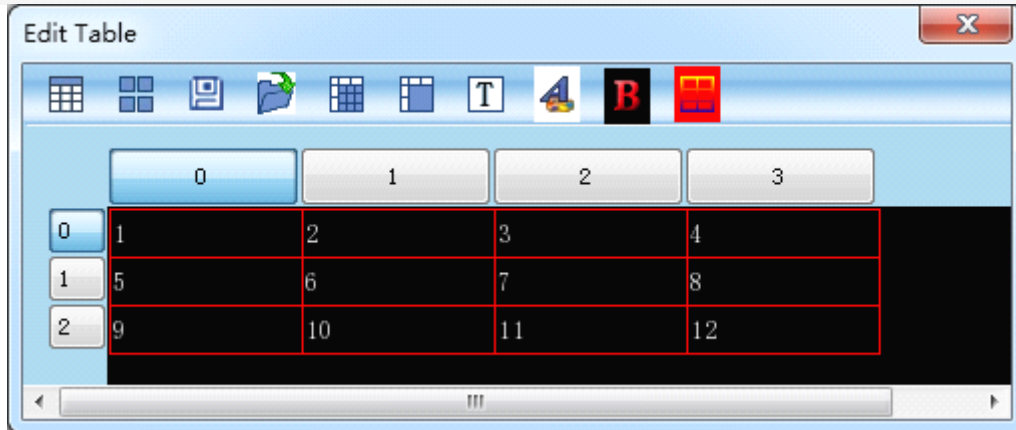



Figure 7.10

Click the Save button  to save the table after editing. If you do not save the table, click the Close button then shows before editing table.

7.3 create and add Table

Click “create and add table ”, pop out the Edit Table dialog, as shown in figure 7.11:

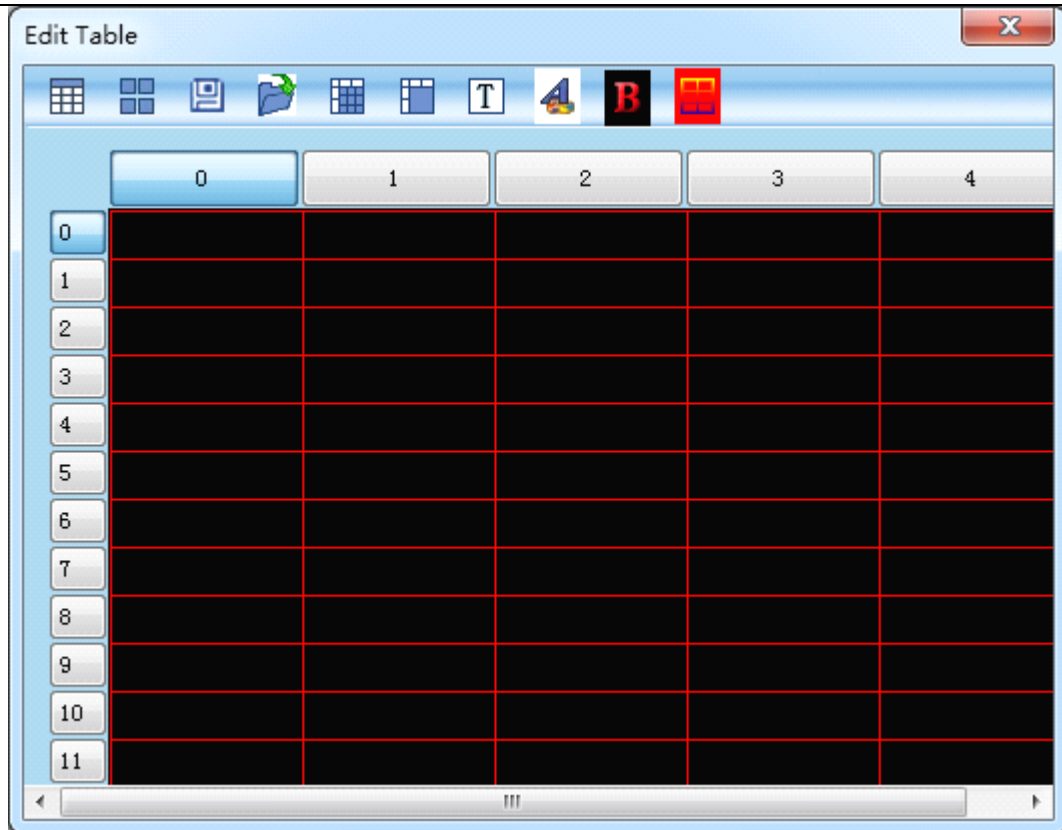



Figure 7.11

First, according to the need set the table rows and columns. For example, requires a four columns and three rows table.

Click the Table properties button  pop up the Table Properties dialog box, set the number of columns and rows of the table, as shown in Figure 7.12:

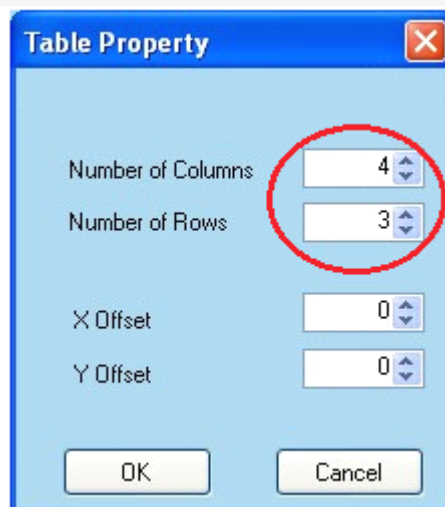


Figure 7.12



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Click "OK" after setting, table editing changes to Figure 7.13

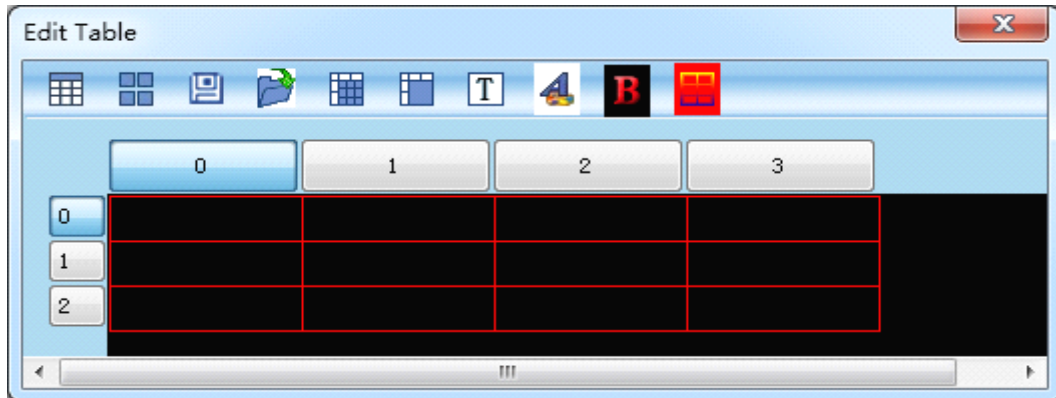


Figure 7.13

Second, edit the contents of the table.

Input cell, and then use the toolbar buttons to set the font, color, and so on, as shown in Figure 7.14:

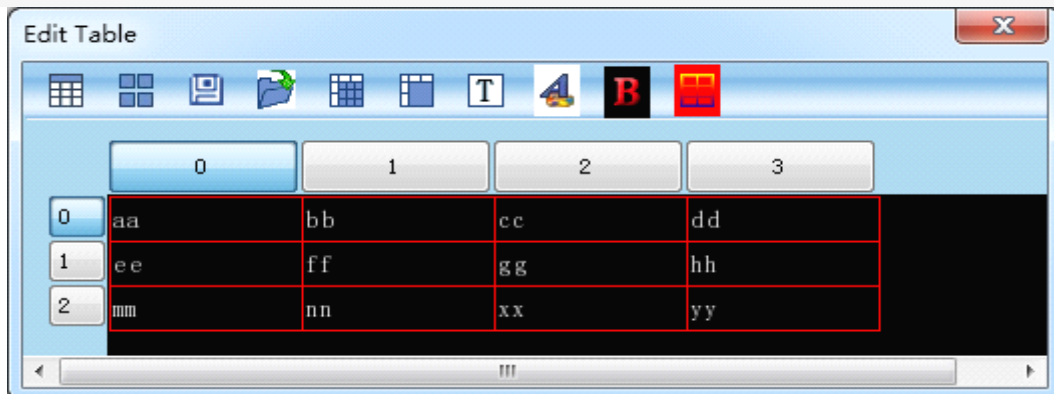



Figure 7.14

Table editing is complete, click the "Save" button  to pop up the Save As dialog box, enter the table name, click "Save" to save the table locally.


Click close button  after save the table , Figure 7.15, the new forms automatically open and the Table Properties interface becomes Figure 7.16:



Figure 7.15



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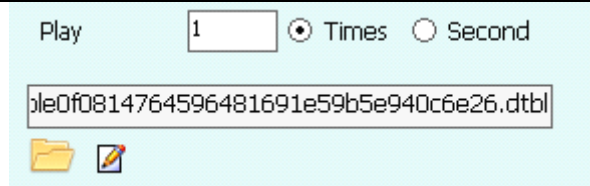




Figure 7.16

Click “select file”button , pop out open window, choose one table to replace current table

Click “edit” button  to re-edit the content of the table . Don't forget to save after editing.

Chapter 8 asynchronous server and terminal setting

Terminal is LED screen in the asynchronous system, including asynchronous control system, computer, industrial computer, as well as large-screen devices, collectively as the terminal.

8.1 Terminal setting

8.1.1 Search terminal

If is often run the system, the terminal is generally set, select the menu bar setup -> S/C setting, as shown in Figure 8.1,

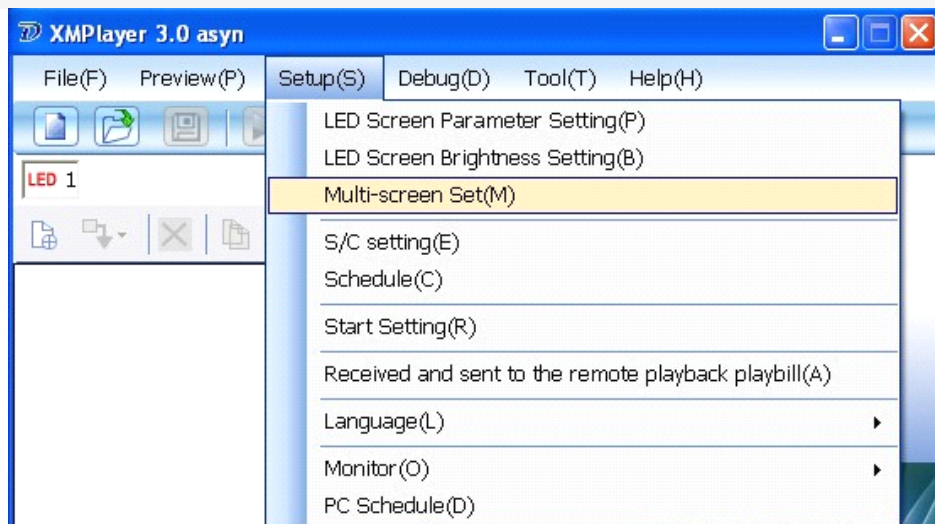


Figure 8.1

Turn on the server and the terminal dialog box (Figure 8.2),

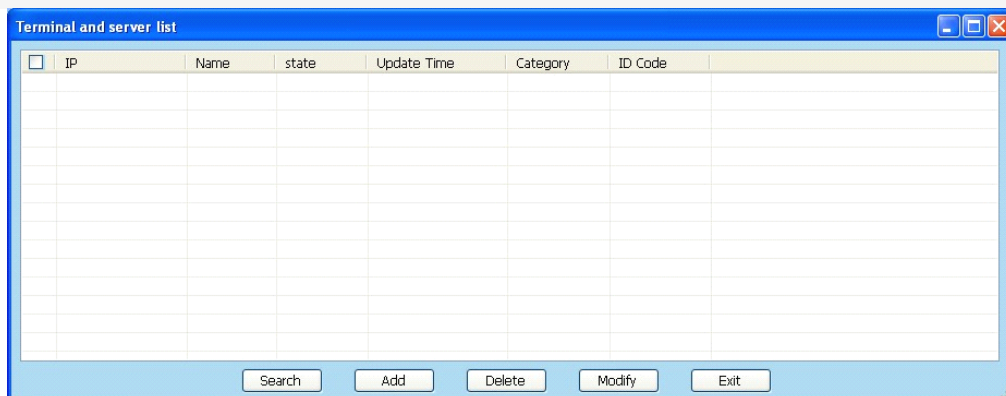


Figure 8.2



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Click “search” button, as shown in figure 8.3, searching online terminal equipment:



Figure 8.3

Figure 8.4 displays the number of terminal equipments after the search is completed,

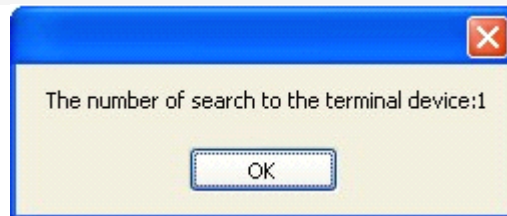


Figure 8.4

Click OK, the terminal equipment is displayed in the list (Figure 8.5):

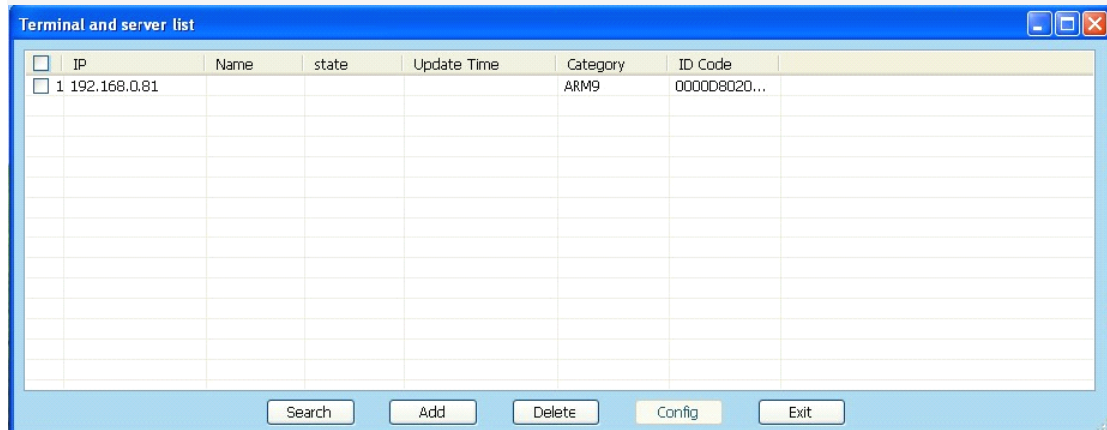



Figure 8.5

Click “cancel” button or “close” button  during searching, as shown in figure 8.6, click “yes”, cancel searching the terminal, click “no”, continue searching.



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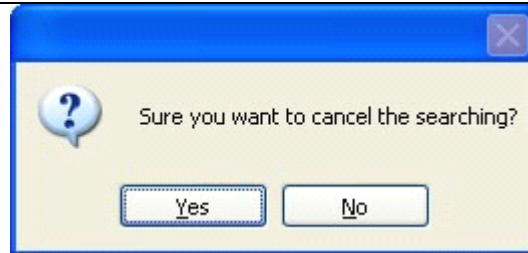


Figure 8.6

8.1.2 Add terminal

Terminal can search for, and generally do not need to add, so only add the server. Click the "Add" button Figure 8.2to pop-out add the asynchronous the terminal dialog box (Figure 8.7).

Figure 8.7

Category: FTPS

Name: Enter a name used to distinguish among the terminals

IP address: Server IP address

Network port: default as 21 (other terminal is 19800)

User name: Login server's user name, can't be empty.

Password: Login server's password, can't be empty.

ID code: normally don't fill, own search terminal.

Save directory: Send the program to the directory (to create a new file folder on the server for convenience).



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Click "OK" to set up as shown in Figure 8.7, the server (Figure 8.8) is displayed in the list, click Cancel, do not add the server.

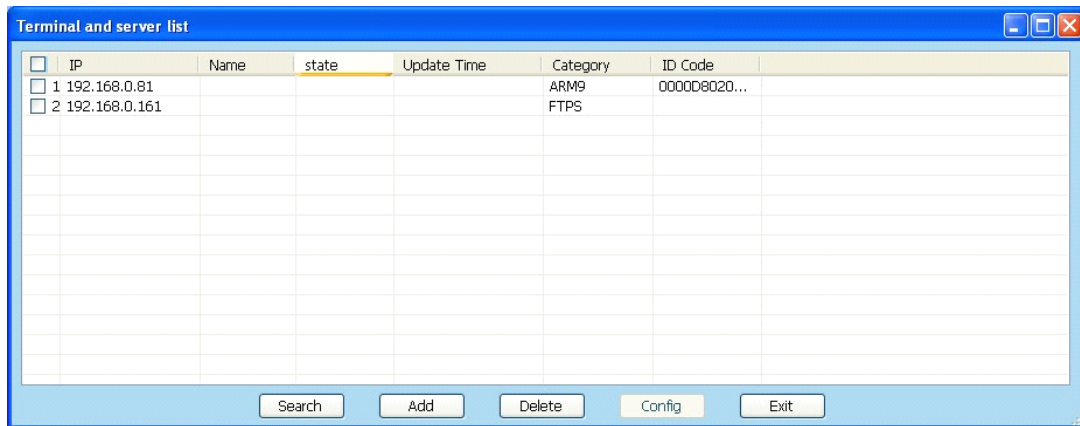


Figure 8.8

8.1.3 Delete terminal

Can delete one or more terminals at the same time.

Select the terminal, as shown in figure 8.9,

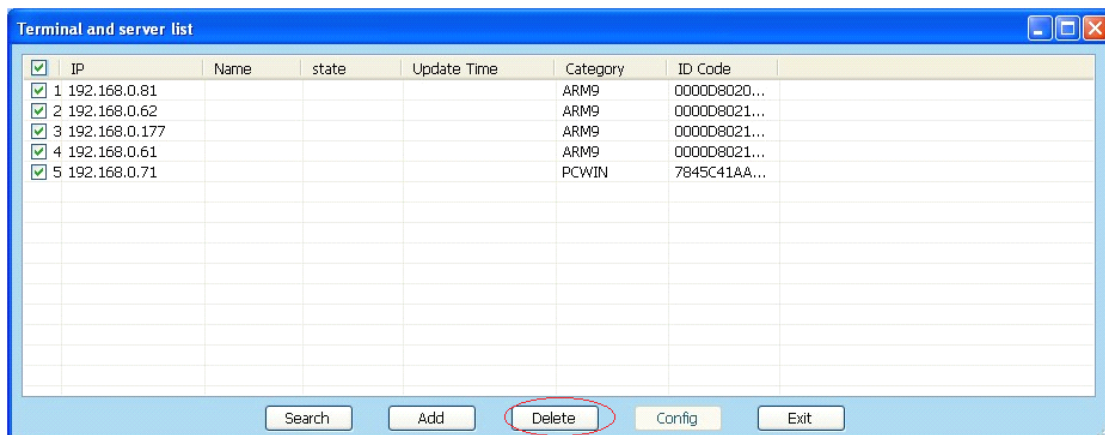


Figure 8.9

Click on the "delete" button, pop-up Figure 8.10, click 'yes' delete the selected terminal, and click "No" to cancel the delete operation.



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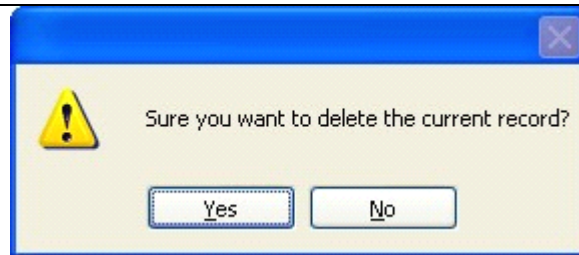


Figure 8.10

8.1.4 Revise terminal

If the selected terminal server (FTP), you can modify the FTP information. Click the revise button, pop-out Host information dialog box, as shown in Figure 8.11, the category can not be modified, the other can be re-set.

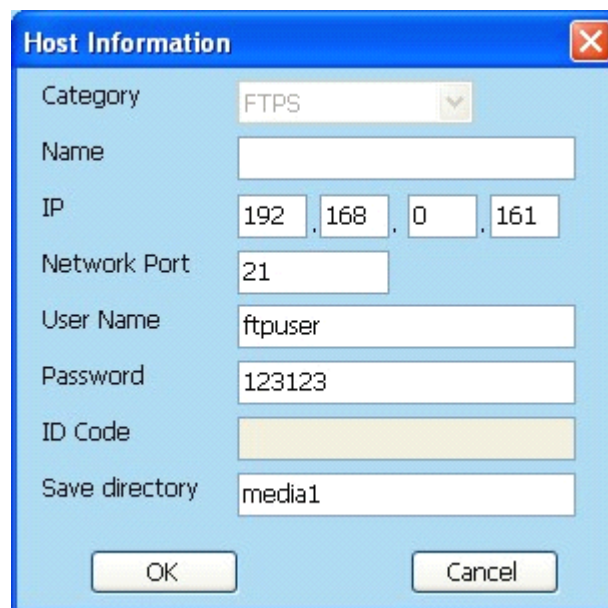


Figure 8.11

8.1.5 Setting terminal

If selected terminal is ARM9, then you can set the ARM9.

The new system can be more than one ARM9 terminals ARM9. For convenience, you can set the ARM9 and sent to the server or on the company's website, when ARM9 detected refresh program on the server or website, it will updates directly from the server or website, then download and play.

Selected ARM9, click on the "Setup" button, pop out terminal settings dialog box (Figure 8.12):

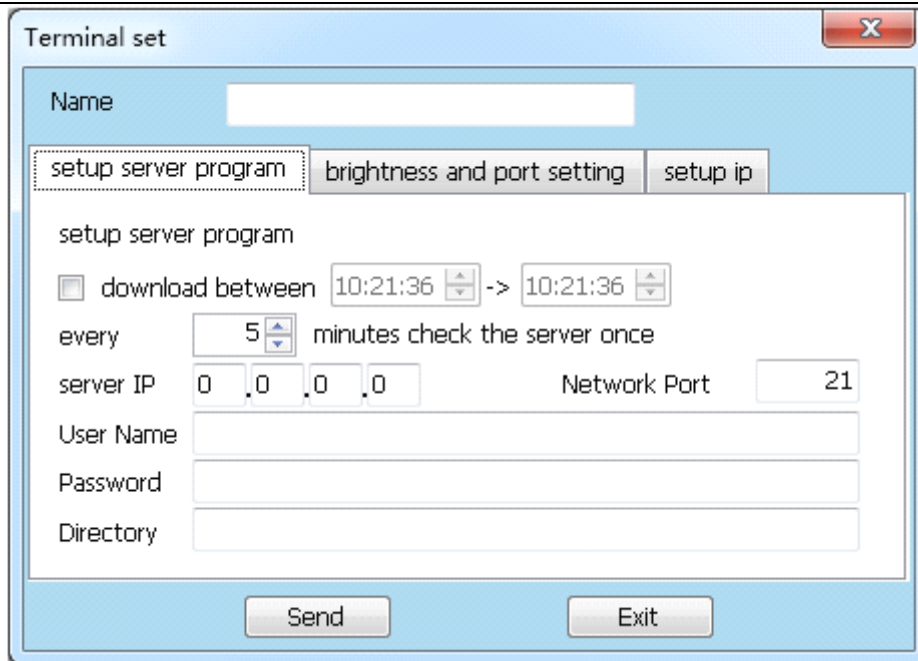


Figure 8.12

The terminal settings include setting server program, the brightness and the port, Set IP three parts, each part is not all necessary to be set, according to the need to set up the various parts.

8.1.5.1 Setup server program

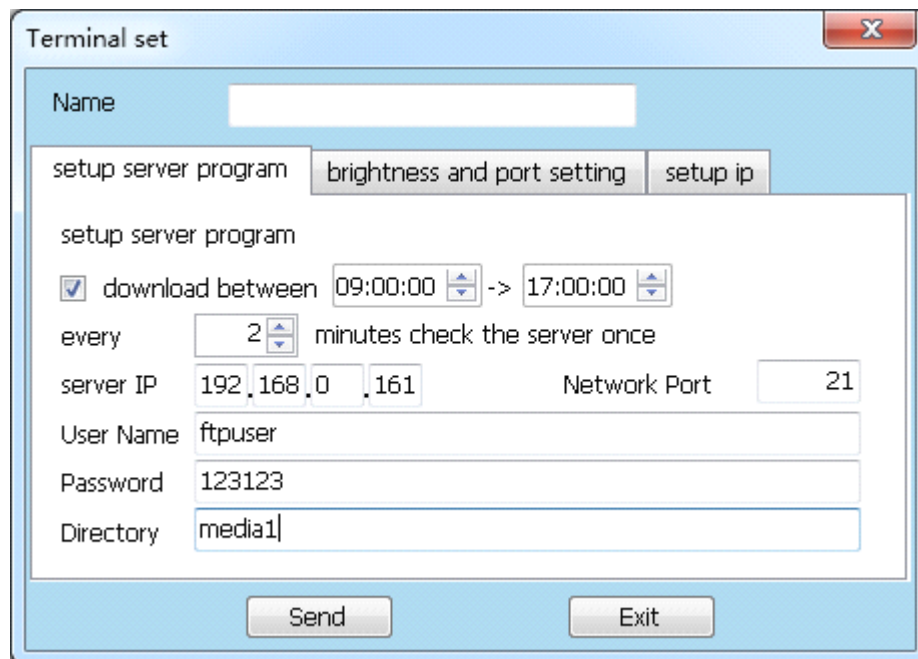


Figure 8.13



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"Downloaded between" tick can set ARM9 downloaded program period from the server, do not tick default as all day.

Interval according program and input default as 5 minutes to download and can be modified by fine-tuning button.

Server IP: Use to download IP address from program server.

Network port: default as 21;

User name: Login server's user name, can't be empty

Password: Login server's password, can't be empty.

Directory: Use to download program directory.

After set up as shown in Figure 8.13, click the "Send", every day between 09:00:00 to 17:00:00 ARM9 will go to the IP address of 192.168.0.161 server under the media1 folder view program for updates every two minutes if sent successfully, updates all downloaded to the local, and then broadcast according to the time set.

Each ARM9 set to download the program that sent to the server from the same server. Each the ARM9 will go to the server to download program every 2 minutes, if you download the cycle program, stop playing the current program, and just download the program to start playing. If the download is a schedule program, the playback schedule program according to the timing set.

8.1.5.2 Brightness and port setting

Click brightness and port setting, as shown in figure 8.14, choose auto brightness adjustment

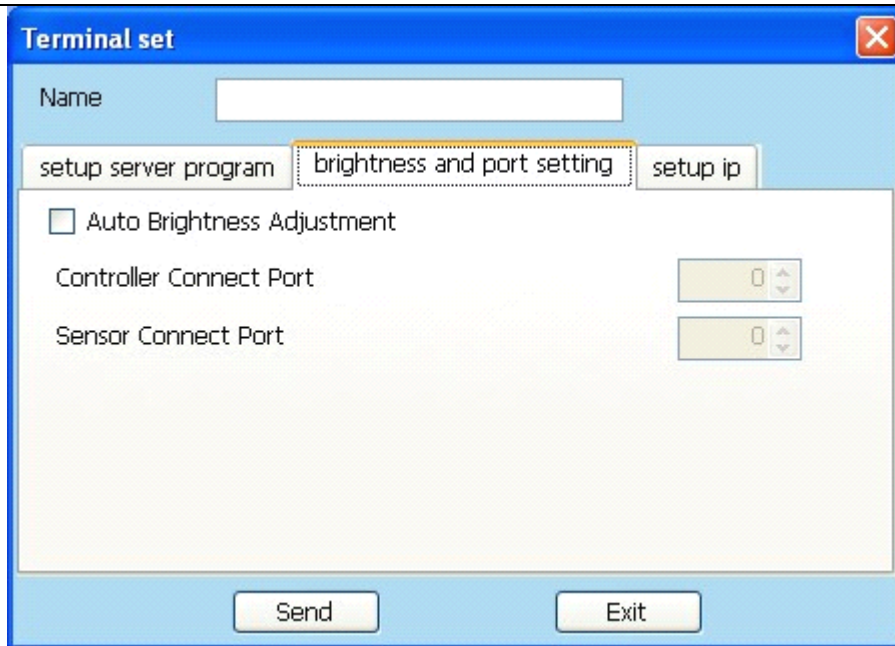


Figure 8.14

8. 1. 5. 3 Setting IP

IP address have static IP and dynamic IP.

Static IP as shown in figure8.15, revise the IP and click send, display automatic restart and IP address changed.

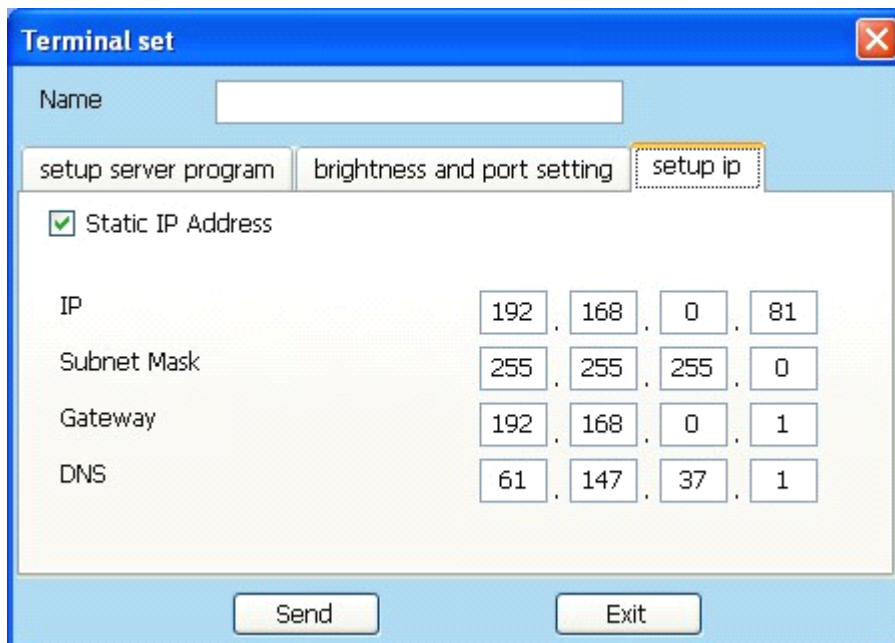


Figure 8.15

Not tick the static IP address then change to dynamic IP, as shown in figure 8.16. click send.

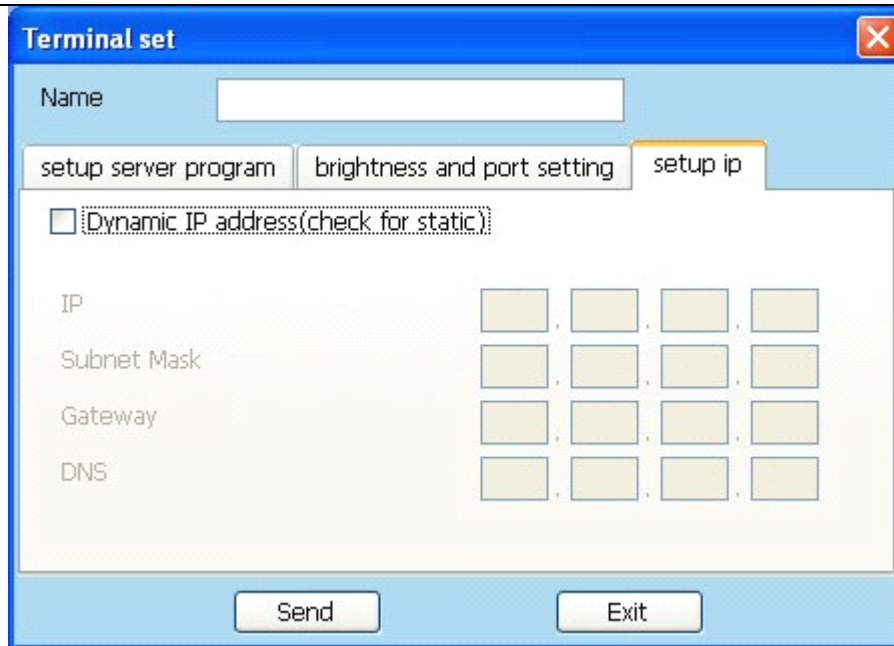


Figure 8.16

8.2 displays and sending

The broadcast program sent to the LED large screen immediately play, if then continue to play the original program after finished program.

Send program will send the program to the big screen, replacing the program is playing.

Sending the program is similar to the operation, but does not support sent to the FTP while cycle program can be sent to an FTP.

8.2.1 Display current program

Display the current program is currently edited program is transmitted to a large screen.

Open display program, click on the menu bar of the file -> display current program, the pop-up servers and terminal list dialog box (Figure 8.17)



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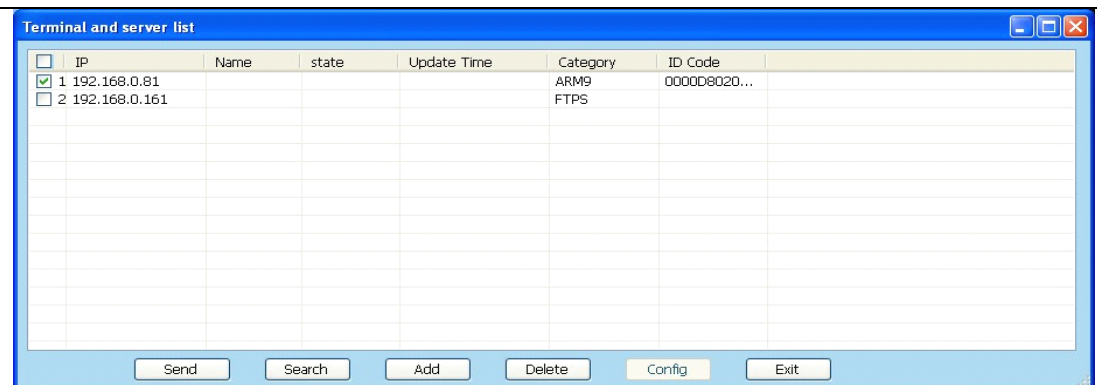


Figure 8.17

Choose ARM9, click “send”, display program showing on the screen after send successfully, and then continue to display original program when finished.

Server and terminal list dialog box as show in figure 8.18 after send successfully:

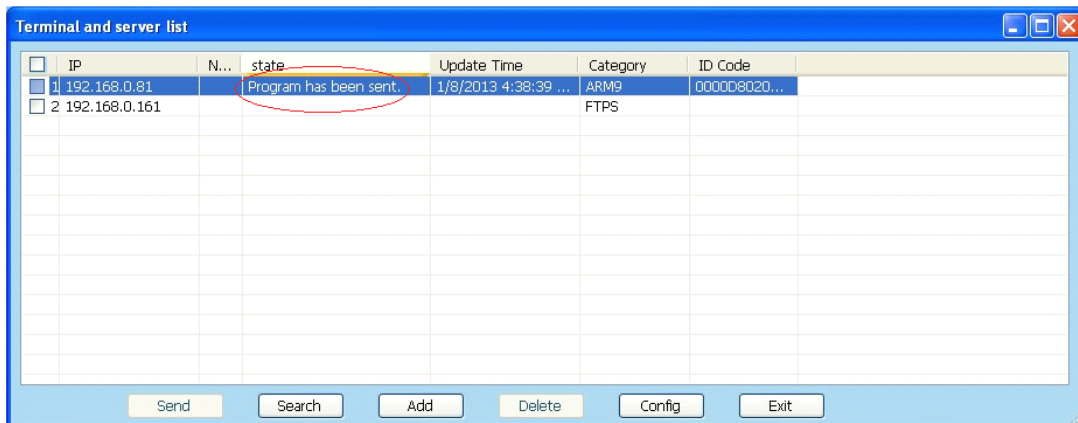


Figure 8.18

As figure 8.19 during sending

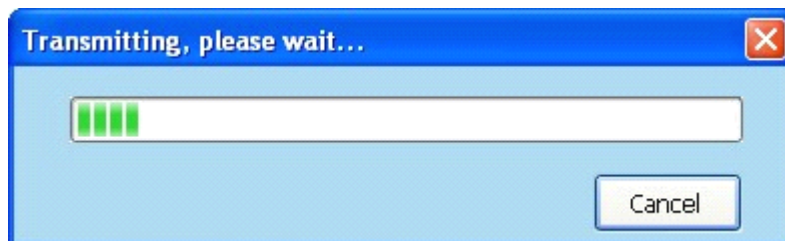


Figure 8.19

Click “cancel” button or  during sending, as figure 8.20:



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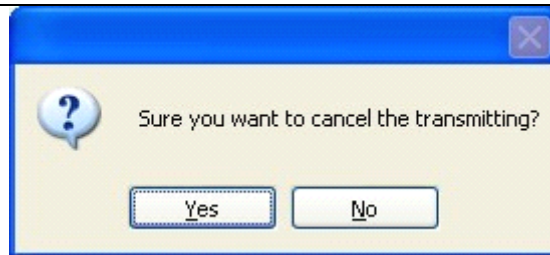


Figure 8.20

Click “no”, continue to send the program, click “yes”, stop sending program as showing in figure 8.21:

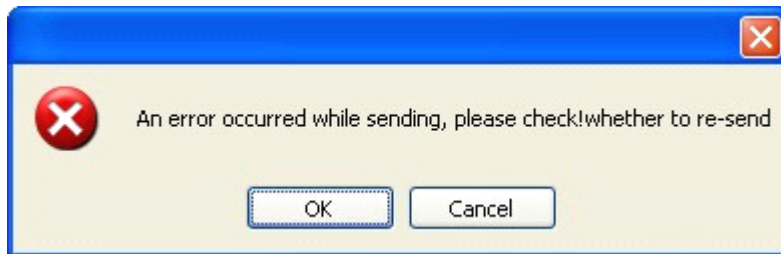


Figure 8.21

Click “ok”, resending the program, click “cancel”, cancel sending the program.

8.2.1 Send current program

Open the sending program, click file in the menu bar—>send current program,

8.2.2 Display local program

Click display in the menu bar —>display local program, pop out program management dialog(figure 8.22)

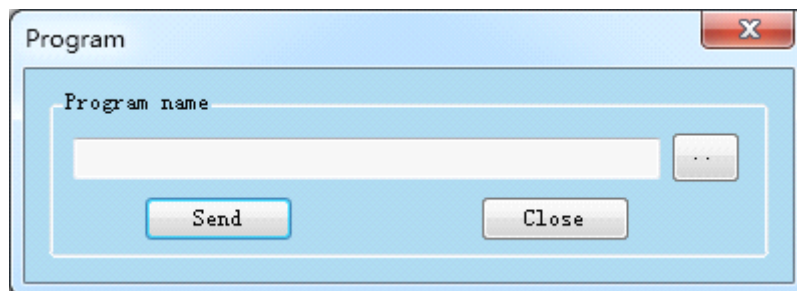



Figure 8.22

Click  button, pop out open dialog(figure 8.23), choose the display program, click“open” button.

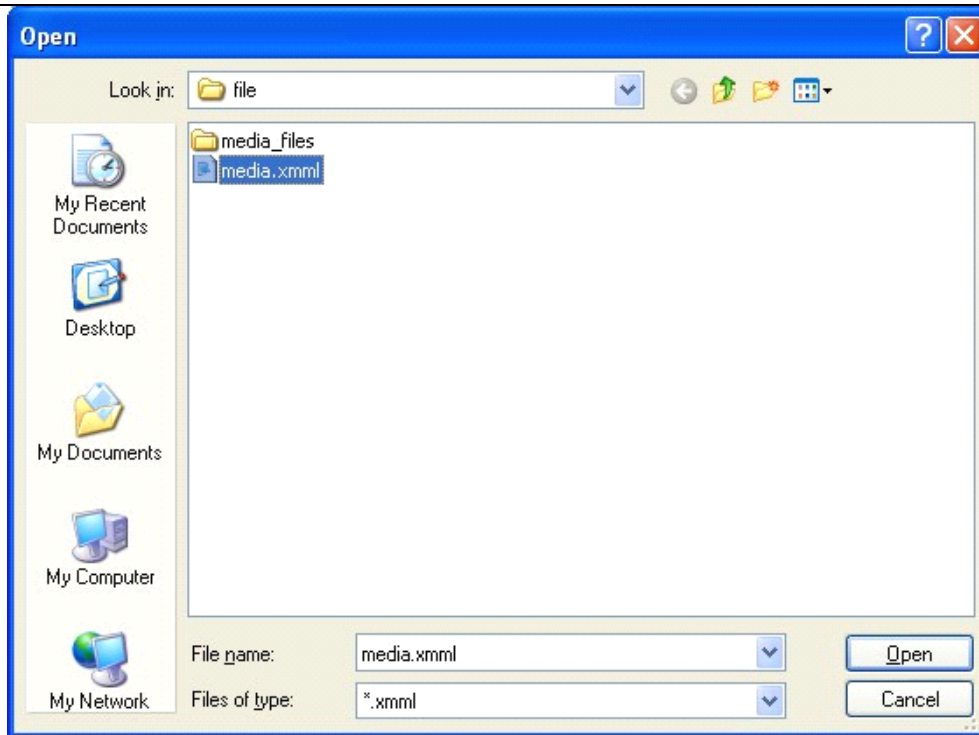


Figure 8.23

As figure 8.24, click “send” button, pop out server and terminal list dialog, choose the terminal and click send.

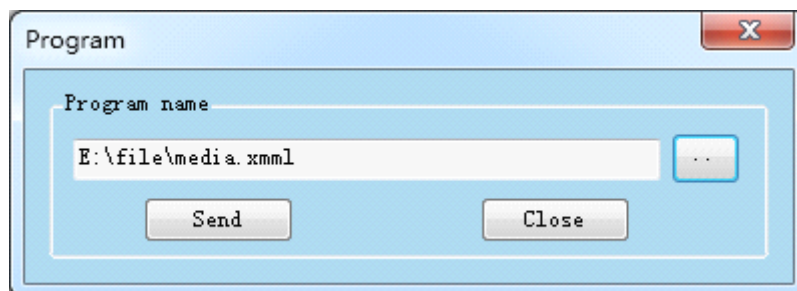



Figure 8.24

8.2.3 Send local program

Click file—>send local program

8.3 sending schedule program

Click “setup” —> “schedule”, or click “schedule”  in the tool bar, pop out schedule dialog, time instruction setting refer to schedule asynchronous part of chapter 10.

Choose a schedule instruction, as shown in figure 8.25:



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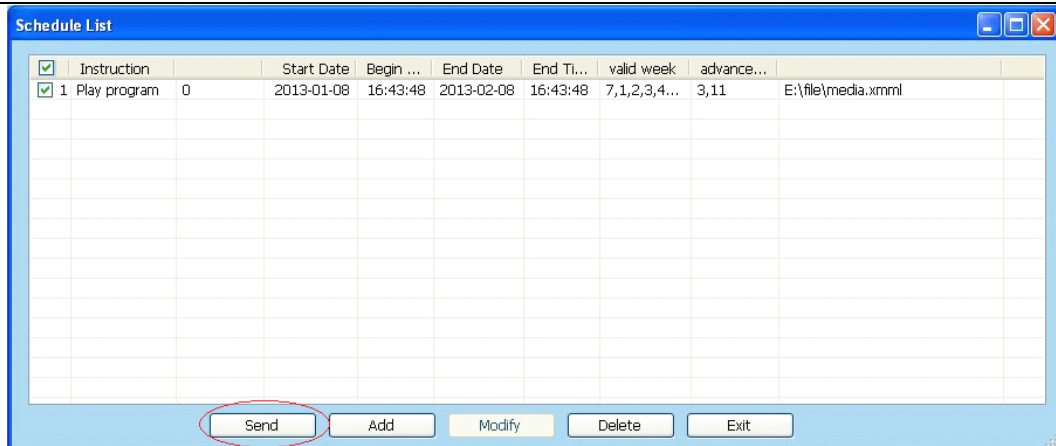


Figure 8.25

Click “send” button, pop out server and terminal list dialog as shown in figure 8.26:

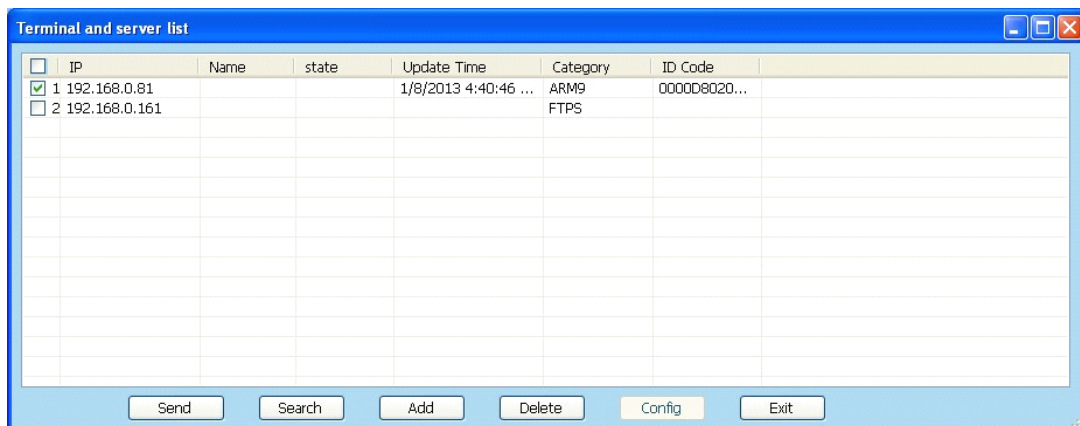


Figure 8.26

Select the ARM9 and click "Send". Reach the execution time immediately playback the timing program after sent successfully.

Select FTPS, click "send", the schedule program is sent to the server, all set terminal programs downloaded from the server when program update. And reach the play the timing program execution.

Chapter 9 asynchronous release

In the process of editing programs often save to the flash drive or SD cards and other storage media, and then inserted into the terminal corresponding interface, the software will be detected and immediately play the program on the storage medium. If you pull out the U drive and other storage media, the software will stop playing.

Create a new file on the storage media folder before the program is saved to the storage medium

Click "file" on the menu bar -> "Publish", the pop-up Figure 9.1:

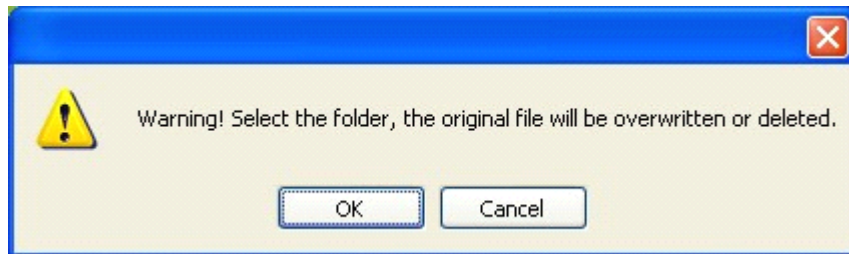


Figure 9.1

Click "cancel", cancel release operation, click ok, pop out browse for folder dialog(figure 9.2),



Figure 9.2

Select the assigned folder, click ok, pop out with material saving dialog(figure 9.3),



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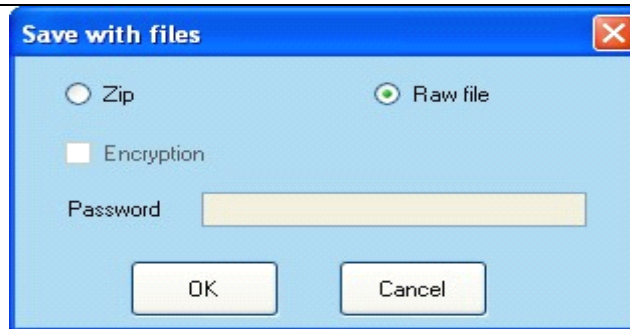


Figure 9.3

Raw file:

Select raw file, click “ok” button, flash drive and other storage medium default folder media as figure 9.4 after saving successfully:




 media	File Folder	1/6/2013 4:52 PM
 media.list	1 KB LIST File	1/6/2013 4:52 PM
 media.xmlml	1 KB XMML File	1/6/2013 4:52 PM

Figure 9.4

Zip:

Select zip (figure 9.5), click “ok”,

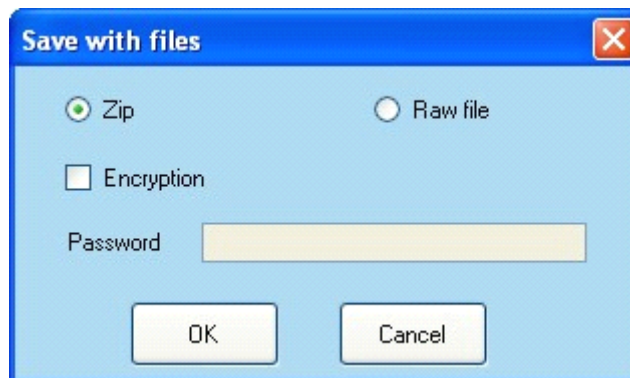


Figure 9.5

Flash drive and other storage medium default folder as zip folder after saving, as figure 9.6:



 media.zip	23 KB WinRAR ZIP	1/6/2013 4:53 PM
 xmplayer.u	1 KB U File	1/6/2013 4:53 PM

Figure 9.6

You can also encrypt the file when choose the zip file, enter the password, click “ok”, as figure 9.7:



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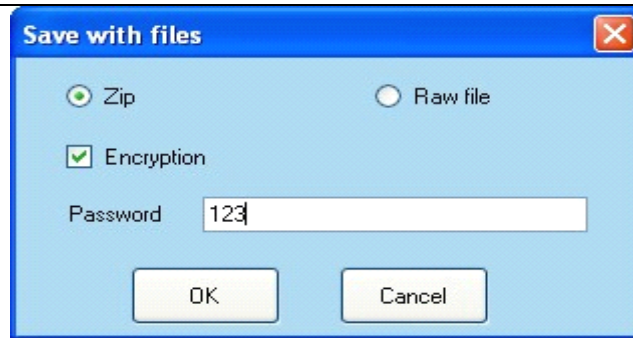


Figure 9.7

Generate the encrypt file as figure 9.8:

media.zip	23 KB	WinRAR ZIP	1/6/2013 4:55 PM
zippsw	1 KB	File	1/6/2013 4:55 PM
xmplayer.u	1 KB	U File	1/6/2013 4:55 PM

Figure 9.8

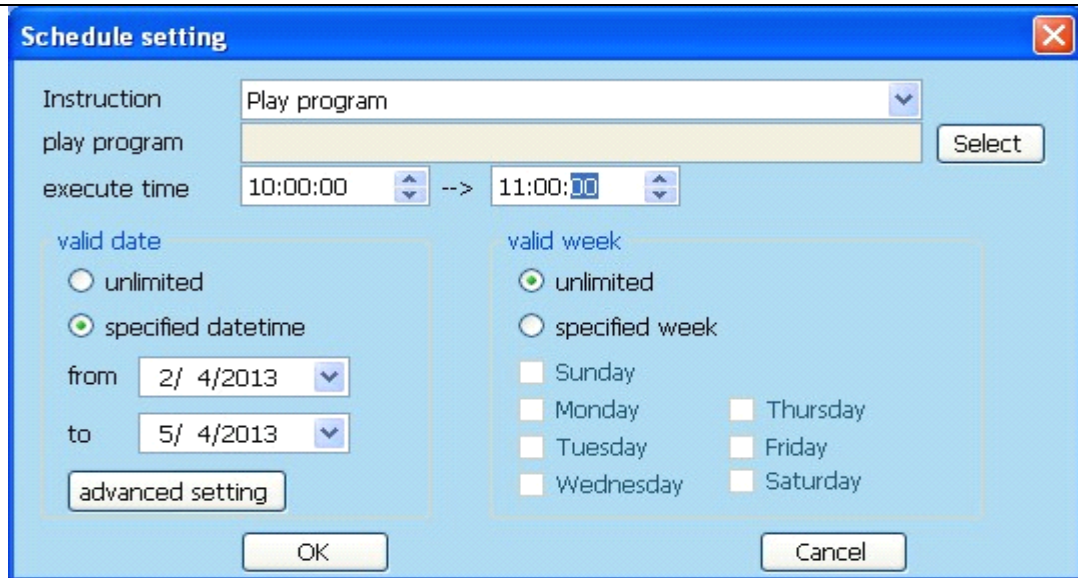


Figure 10.2

Step 2: Setting instruction content

Instruction content: Select the instruction, default as play program.

Screen No.: multi-screen schedule set which screen, only support one display right now.

File path: click “select” button, pop out open dialog, choose the file, click “open”.

Execute time: Set start executes time.

Valid date: Set valid period of schedule.

Valid week: Set valid week of schedule.

Invalid day: if any days don't need to play just click “invalid day” during valid date, schedule setting dialog as figure 10.3.



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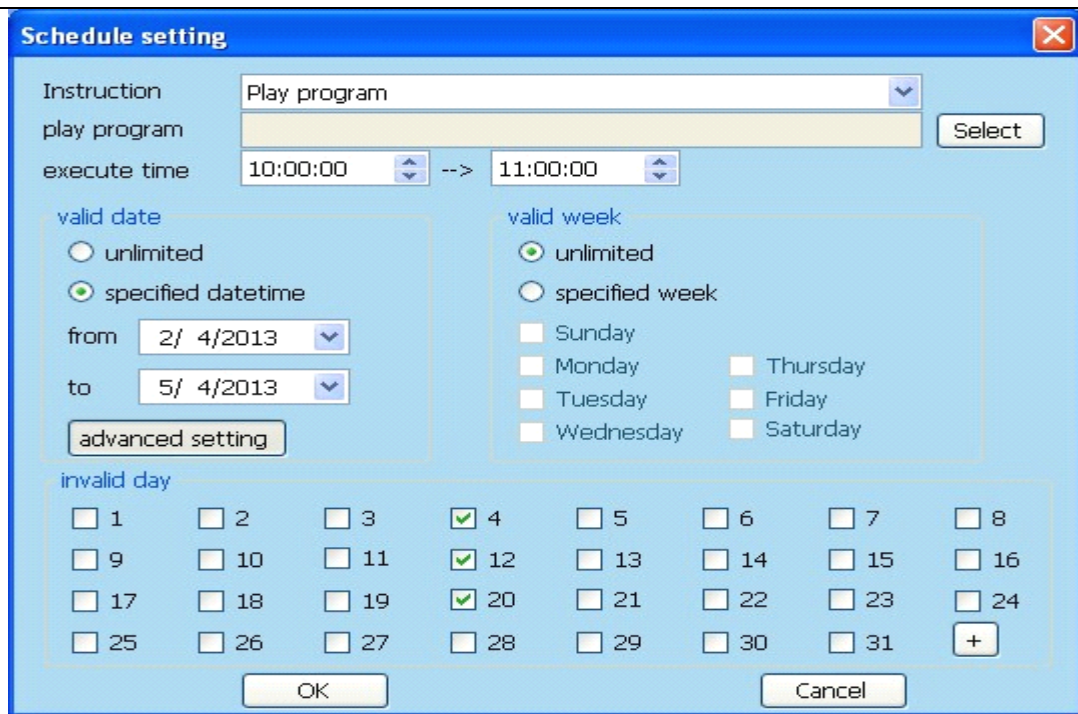


Figure 10.3

Click “ok” to finish the schedule instruction.

As figure 10.4 already has one schedule in the list. If add more schedules just repeat that 3 steps.

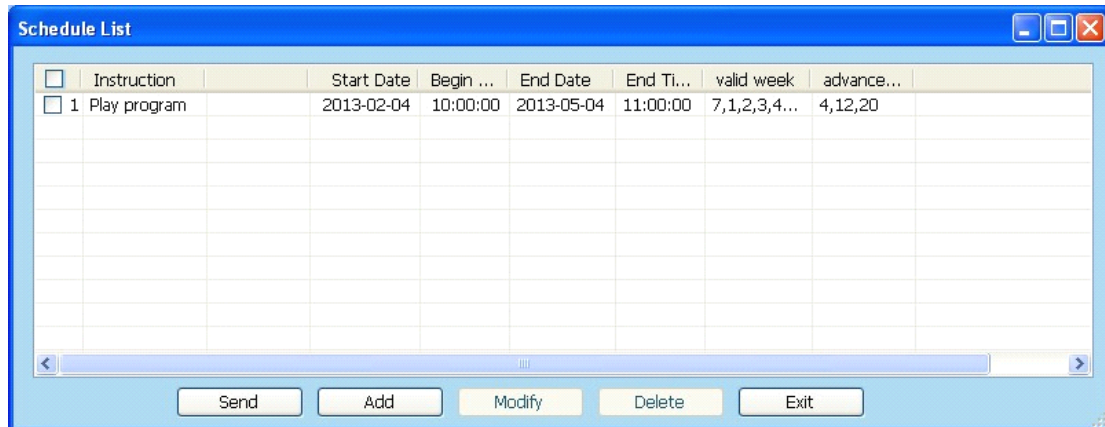


Figure 10.4

When instruction select “turn on screen、turn off screen、schedule restart screen” , schedule setting as figure 10.5:

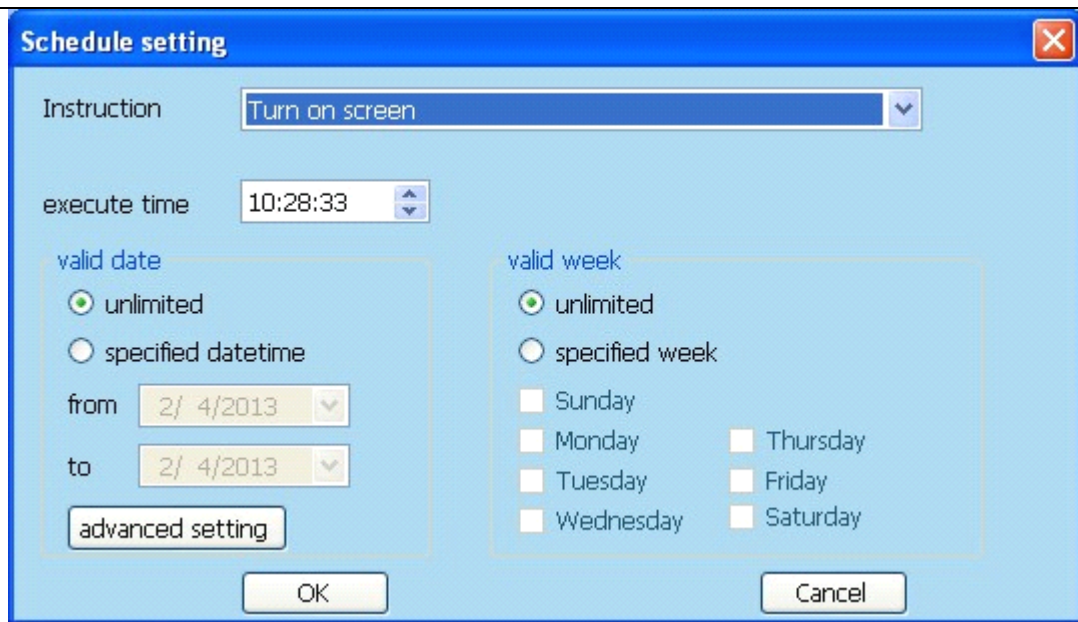


Figure 10.5

When instruction is “brightness setting”, schedule setting dialog as figure10.6, need to set the brightness:

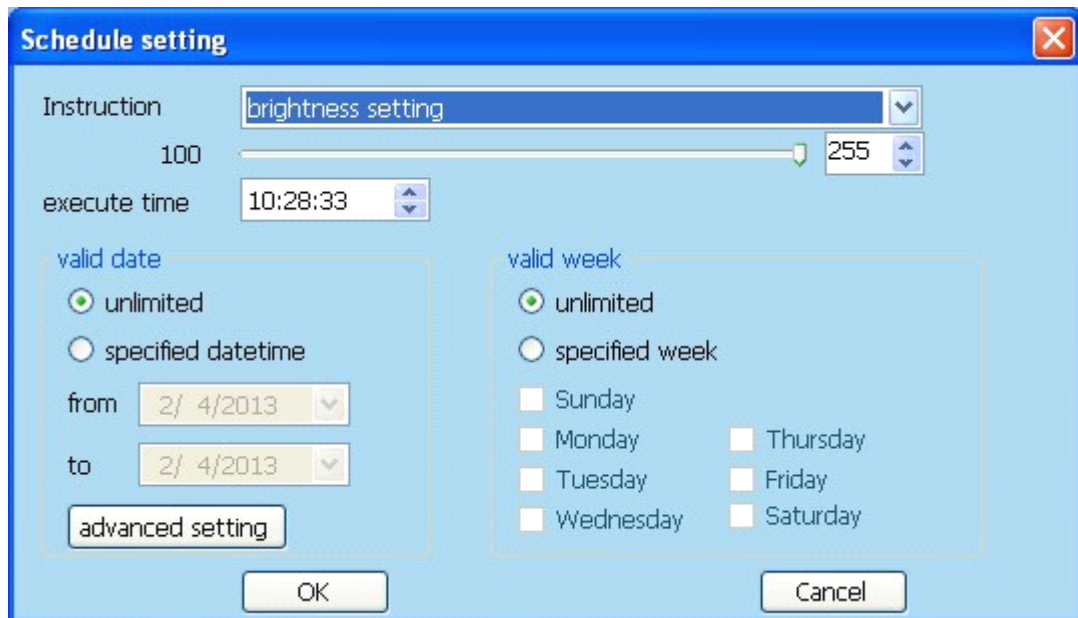


Figure 10.6

10.2.2 Revise schedule

Selected modify the timing instructions in the list, click on the "revise" button to open the schedule dialog box, and then modify the instruction. And click "OK" then display the contents of modifications, click on "Cancel" means discard changes.



10.2.3 Delete schedule

Can be deleted one or more schedule.

Choose delete schedule in the list, click “delete” button, as shown in figure 10.7, click “yes”, delete schedule choose, click “no”, cancel delete operation.

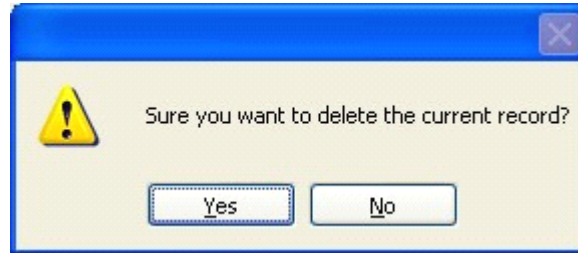


Figure 10.7

10.3 send schedule

Synchronous and asynchronous schedule the mainly difference is in sending cards. synchronization need the sending card to search the terminal, asynchronous do not need sending cards that can directly search the terminal, the then send timing instructions.

10.3.1 Asynchronous schedule sending

Choose the schedule, click send, as shown in figure 10.8:

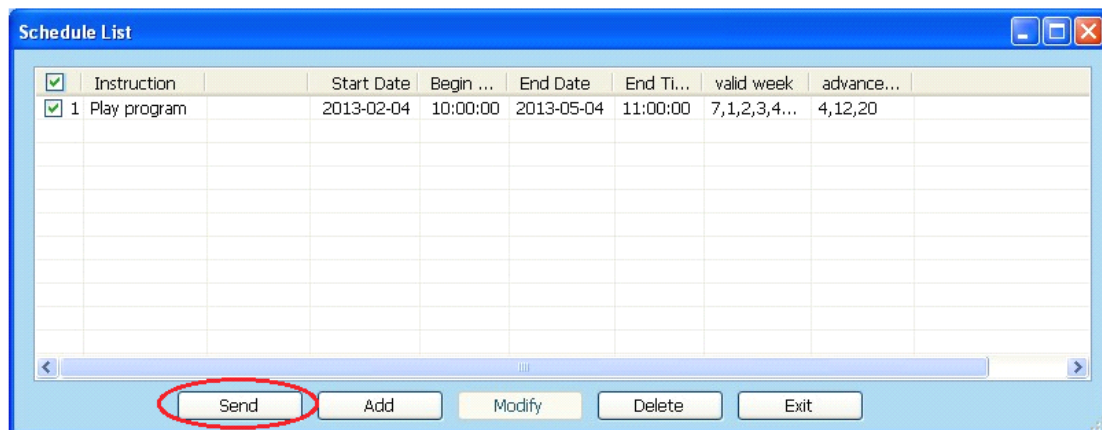


Figure 10.8

Pop out terminal and server list (figure 10.9),



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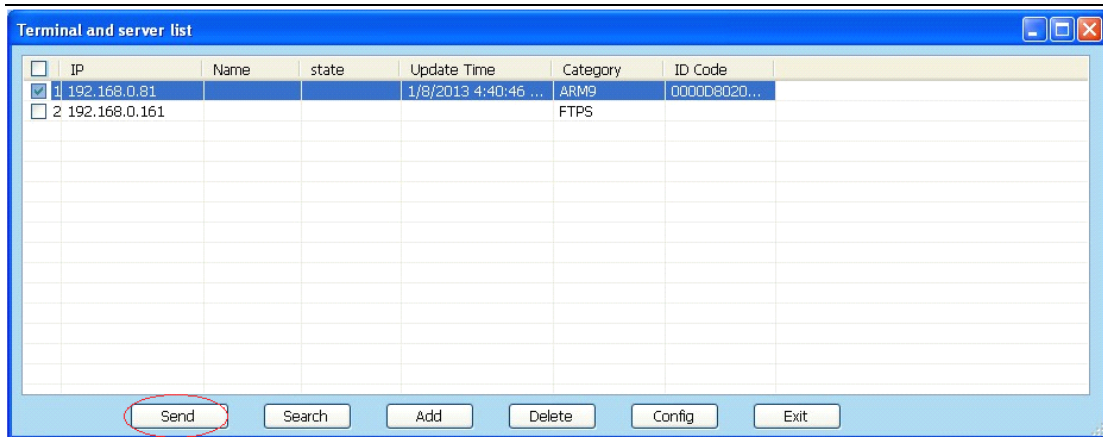


Figure 10.9

Choose the terminal, click “send” . Execute the instruction when time due.

10.3.2 Synchronous schedule sending

Choose the instruction is “play program”, as figure 10.10,

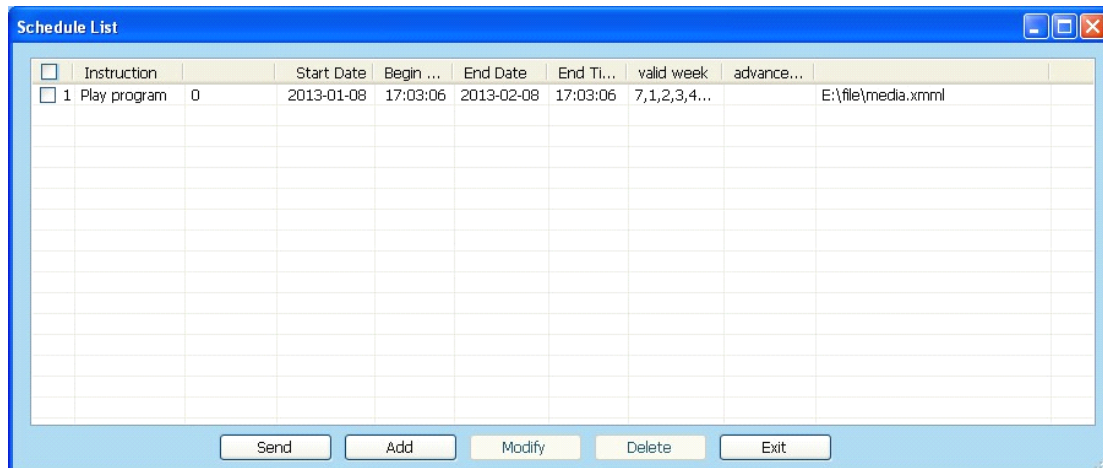


Figure 10.10

click“send”button, send the schedule to local, schedule showing in figure10.11 after sending, while the software was playing status.



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instruction when time due.

Chapter11 synchronous system log

"XMPlayer 3.0" Each player information storage media playback logs. The playback log storage path install at directory under setting \ log TXT files which stored by date.

"XMPlayer 3.0" has expired logs automatically delete function, in order to prevent the long-term player that logs use too much hard disk space, when the player logs stored date exceeds number of days be set will be automatically cleared.

Log tool bar:







Button	Name	Function
	Open	Open the local log
	Save	Save the content of current page to local
	Clear	Clear the content of current page
	Print	Print the content of current page
	Send	Send the content of current page by email
	Log setting	Open log setting

Figure 11.1 tool bar

Other options:

Check the "specified media": enter a keyword, view / statistics playback log which contains the keyword.

Check the "specified date": View / Statistics the player logs within the specified date.

Check the "specified time": View / statistics log within the specified time.

11.1 set saving days

Click setup—>log setting, pop out log setting dialog(figure 11.1):

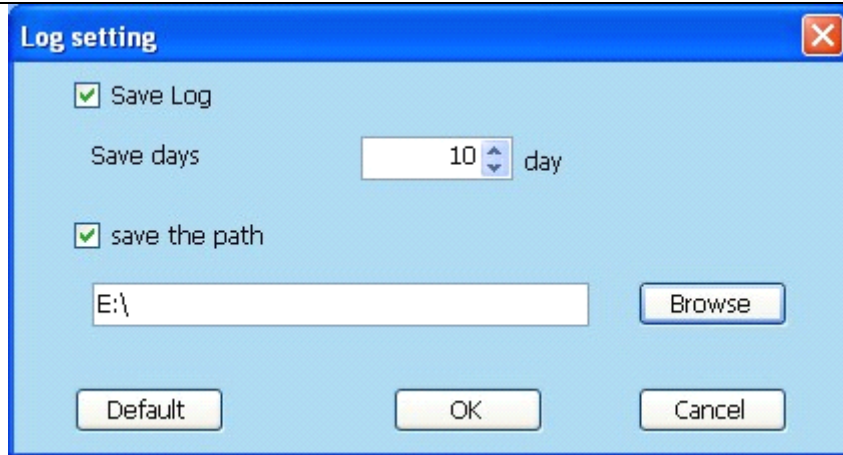


Figure 11.1

“save log” tick, can set the save days, not save days if not tick.

“save the path” tick, can reset the saving directory.

Click “default”, log setting recover to default status, as shown in figure 11.2:

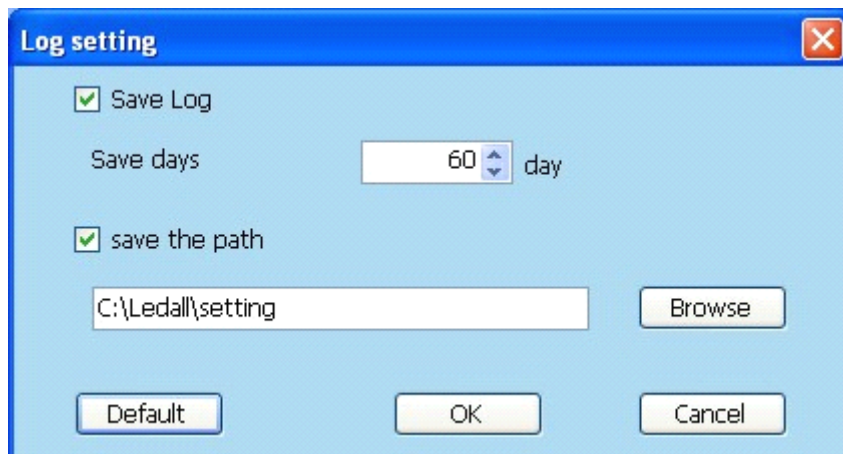


Figure 11.2

11.2 log view

Log will automatically generate after finishing play the program.

click tool—>log, open log after program display(figure 11.3):



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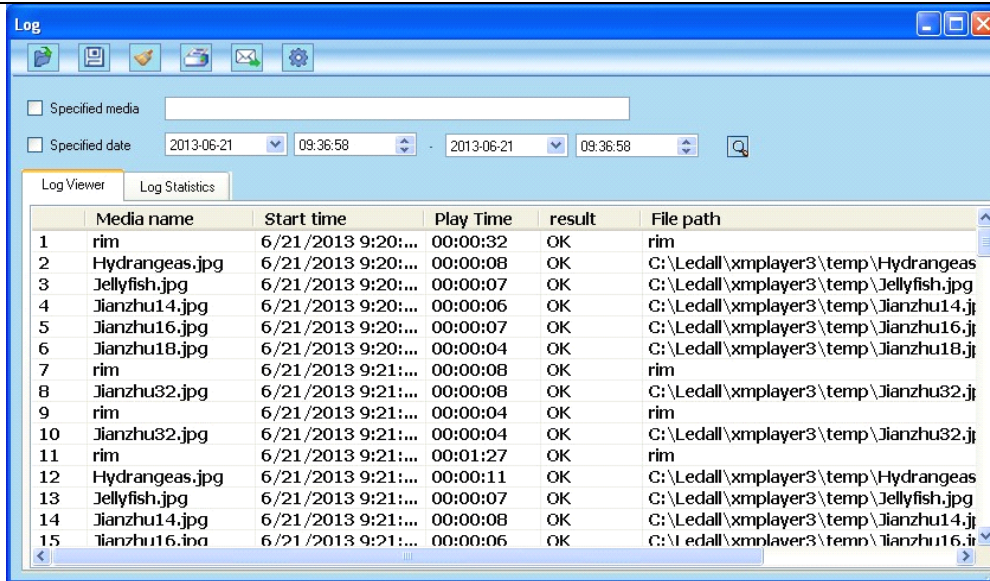


Figure 11.3

Assign media:

Click any media on the page, tick “assign media”, as shown in figure 11.4:

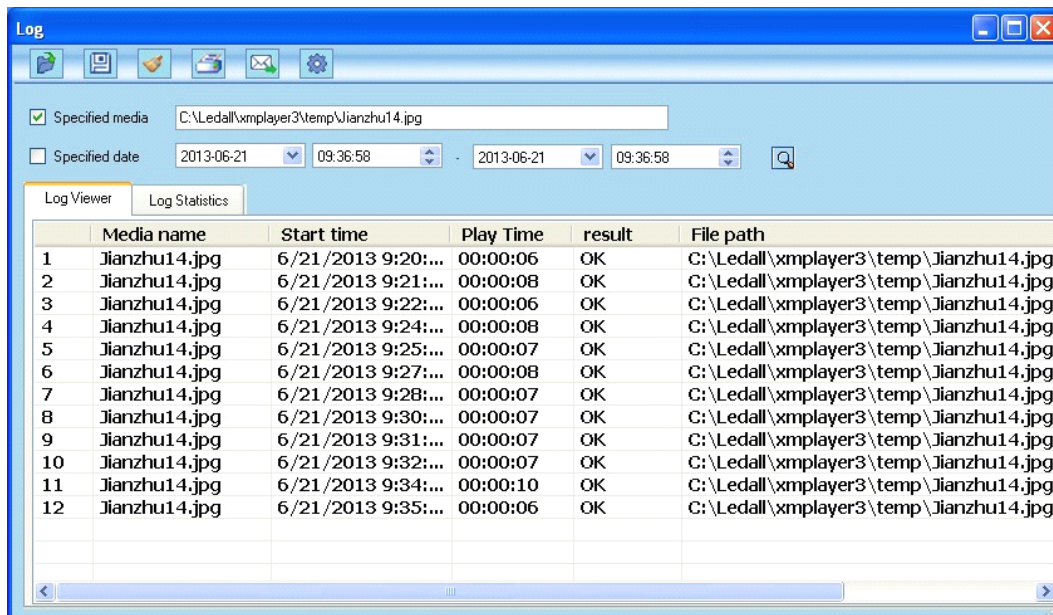



Figure 11.4

open:

click “open” , pop out open dialog, as shown in figure 11.5, open the log that saved to local, and then log showing on the page:



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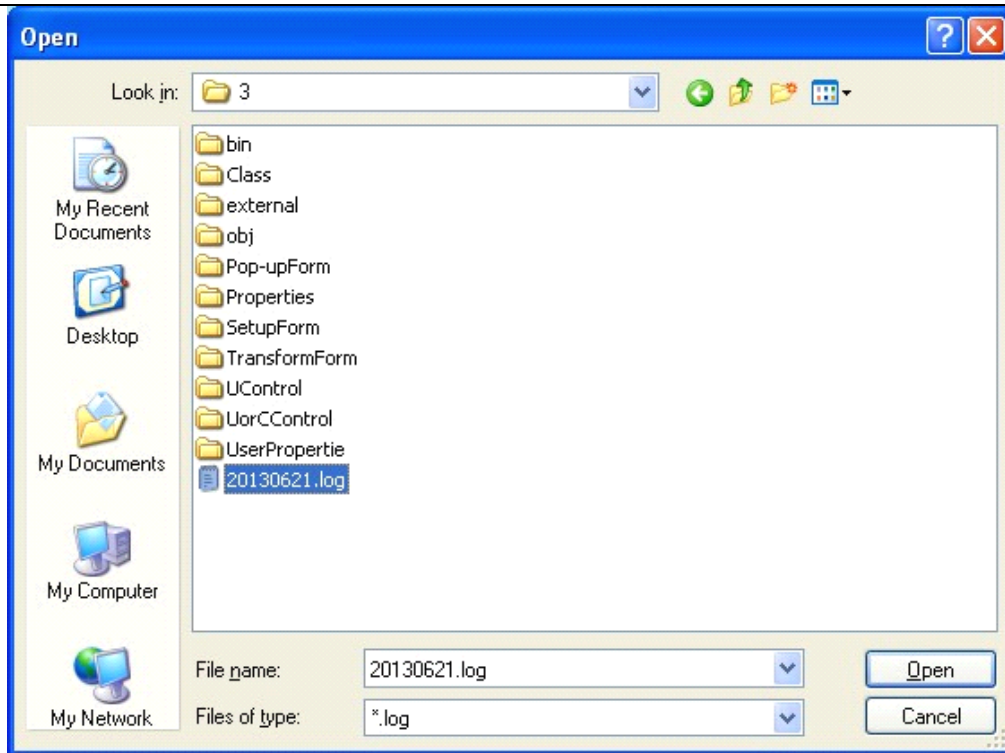



Figure 11.5

Save:

Click “save” , pop out figure 11.6, choose saving path, click “ok”:

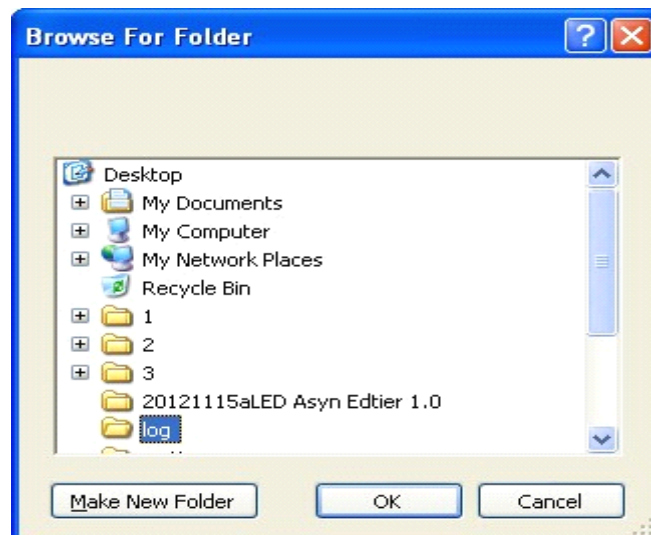
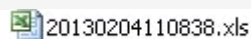


Figure 11.6

On the current page's content is the Excel spreadsheets stored in the local. the name of Figure is saving time, as shown in form 11.7:






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Figure 11.7

Send email:

Click “send email” , pop out figure 11.8, enter the from email, password, to email, click “send”:

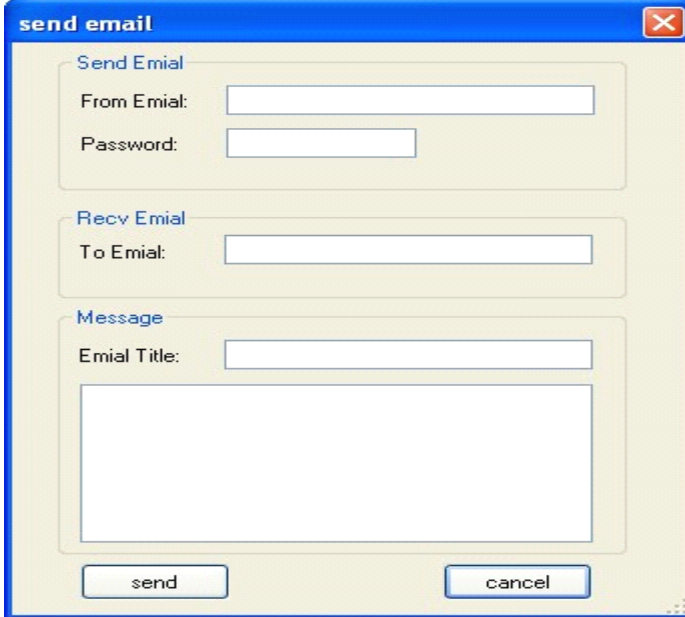
A screenshot of a 'send email' dialog box. The dialog has a blue title bar with the text 'send email' and a close button. It contains three sections: 'Send Emial' with 'From Emial:' and 'Password:' text boxes; 'Recv Emial' with 'To Emial:' text box; and 'Message' with 'Emial Title:' text box and a large text area. At the bottom are 'send' and 'cancel' buttons.

Figure 11.8

11.3 log statistics

Log statistics page can Views the media play times, the number of failures (Figure 11.19)



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	Media name	Play	Total Play...	File path
1	rim	208	00:42:06	rim
2	Hydrangeas.jpg	12	00:01:35	C:\Ledall\xmplayer3\temp\Hydrangeas.jpg
3	Jellyfish.jpg	12	00:01:30	C:\Ledall\xmplayer3\temp\Jellyfish.jpg
4	Jianzhu14.jpg	12	00:01:27	C:\Ledall\xmplayer3\temp\Jianzhu14.jpg
5	Jianzhu16.jpg	12	00:01:29	C:\Ledall\xmplayer3\temp\Jianzhu16.jpg
6	Jianzhu18.jpg	12	00:01:26	C:\Ledall\xmplayer3\temp\Jianzhu18.jpg
7	Jianzhu32.jpg	207	00:26:39	C:\Ledall\xmplayer3\temp\Jianzhu32.jpg
8	Jianzhu21.jpg	11	00:01:25	C:\Ledall\xmplayer3\temp\Jianzhu21.jpg
9	Jianzhu22.jpg	11	00:01:23	C:\Ledall\xmplayer3\temp\Jianzhu22.jpg
10	Jianzhu24.jpg	11	00:01:23	C:\Ledall\xmplayer3\temp\Jianzhu24.jpg
11	Jianzhu25.jpg	11	00:01:26	C:\Ledall\xmplayer3\temp\Jianzhu25.jpg
12	Koala.jpg	11	00:01:23	C:\Ledall\xmplayer3\temp\Koala.jpg

Figure 11.19

Chapter12 LED setting

Synchronous system can have two computers, one as a client, which can edit the program, the other called the local computer can be used to broadcast programs. If only one computer, do not need to set up the local computer and the client. Synchronous system settings screen need to connect the master card.

Asynchronous system requires only a computer that sent program to the server or sent directly to the terminal. The asynchronous system settings display needs to be connected on the terminal.

12.1 brightness setting

12.1.1 Asynchronous brightness setting

Click setup—>LED screen brightness setting, as shown in figure 12.1:

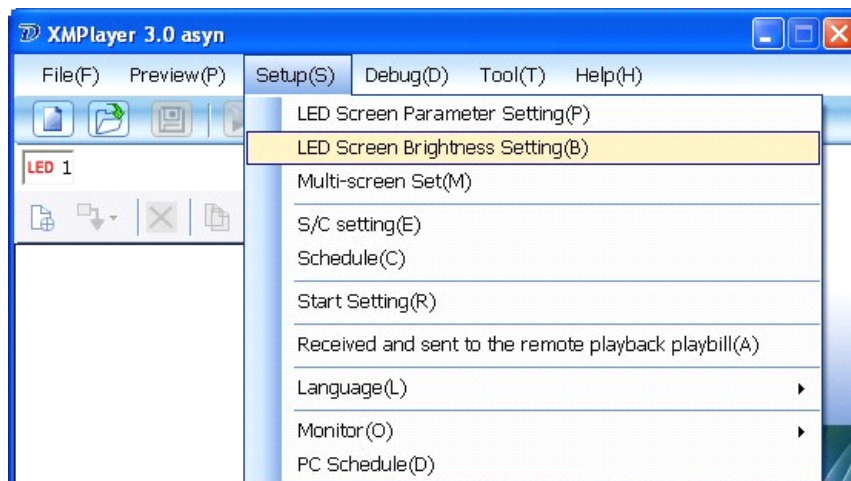


Figure 12.1

Find ARM9 LED Controller in lan, as shown in figure 12.2:

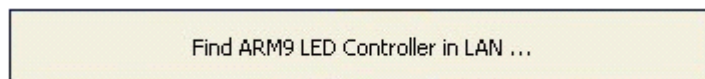


Figure 12.2

Pop out select dialog after finding (figure 12.3),

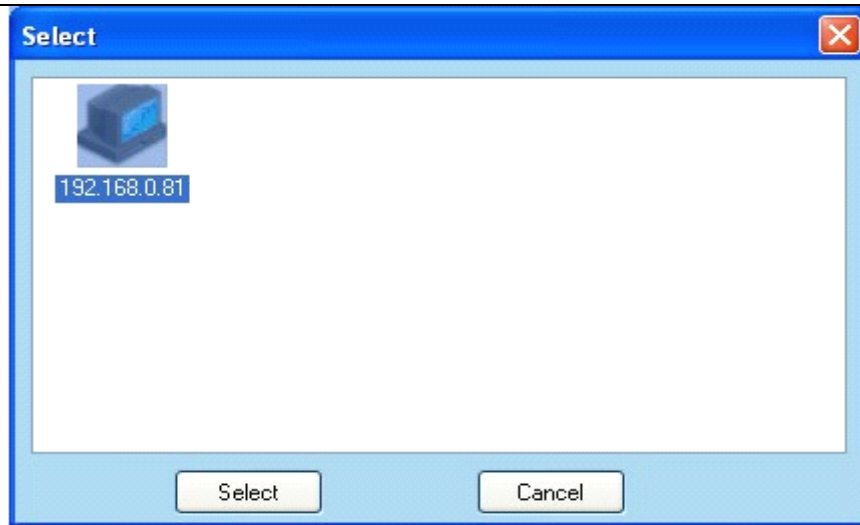


Figure 12.3

Select the equipment, click select button, pop out brightness setting dialog (figure 12.4)

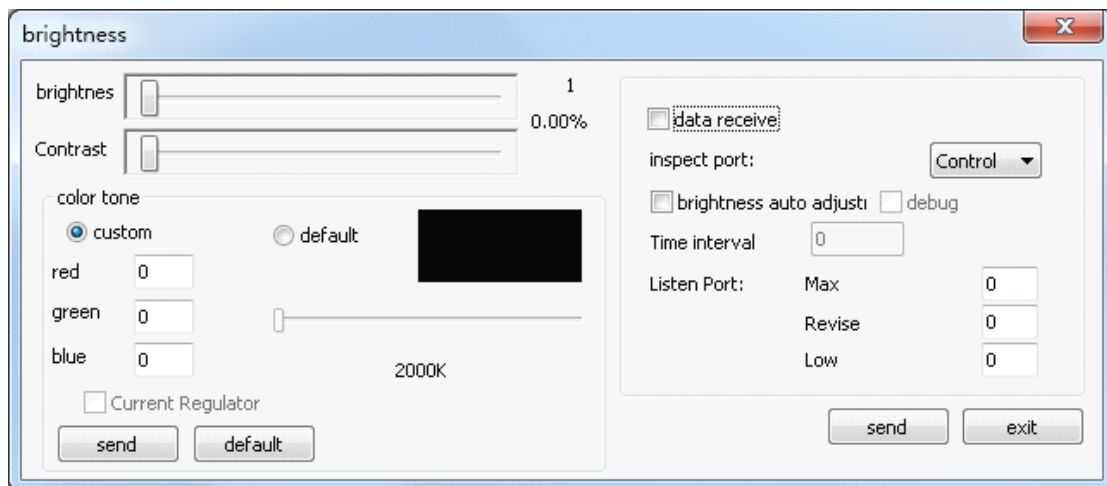


Figure 12.4

12.1.2 Synchronous brightness setting

Click setup—>LED screen brightness setting, as shown in figure 12.5:



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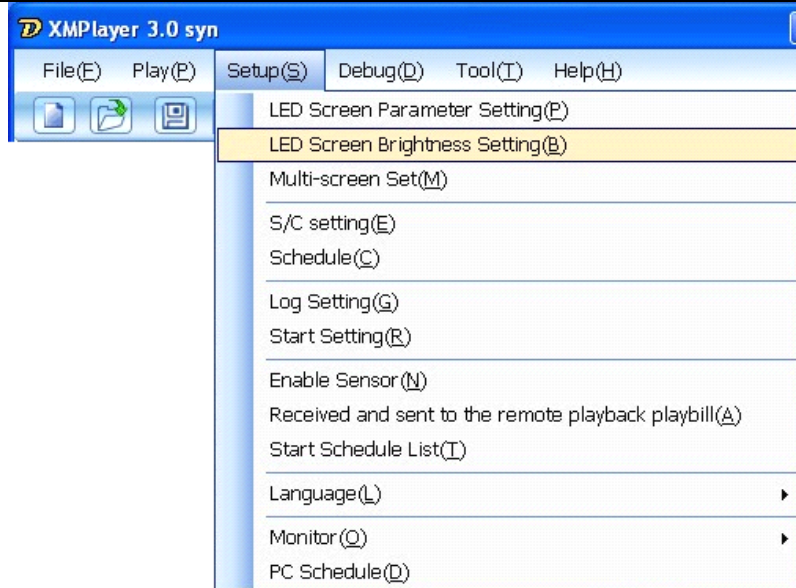


Figure 12.5

Detect master card online, as shown in figure 12.6:

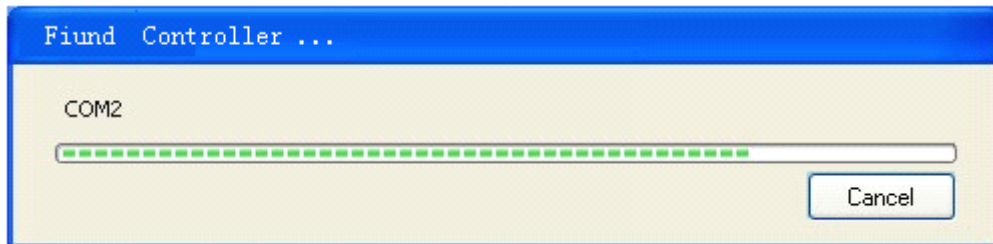


Figure 12.6

Pop out the dialog, as shown in figure 12.7:

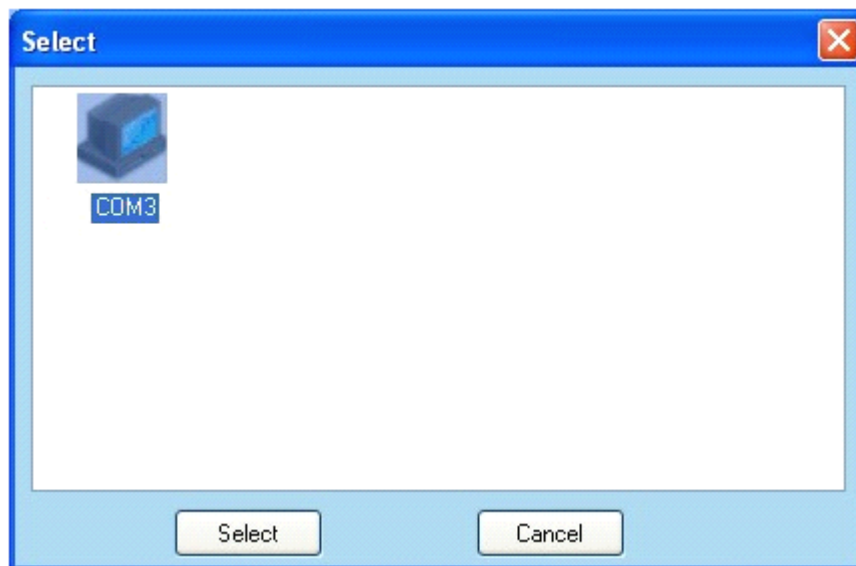




Figure 12.7

Choose the mater card, click “select”, pop out brightness dialog, as shown in figure12.8

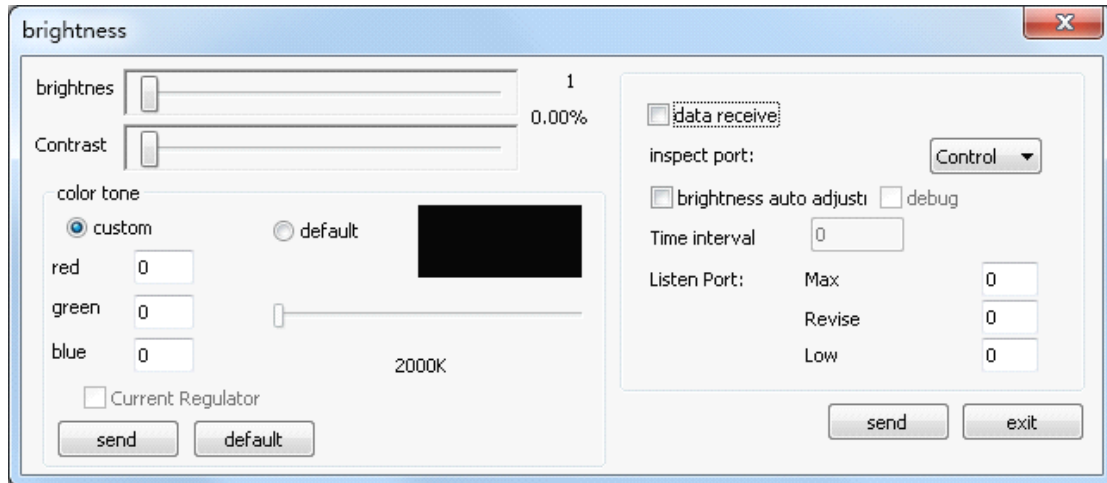


Figure 12.8

12.2 Para setting

The synchronous parameter settings and asynchronous parameter settings are the same, click setup -> LED screen parameters setting, asynchronous search online ARM9 equipment, the shown in figure 12.2, while the synchronous is the search online master card, as shown in12.6. Detected entering the LED control manager dialog box (Figure 12.9)

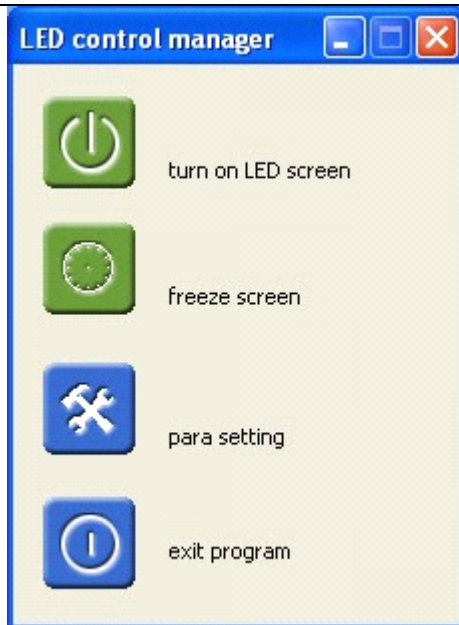


Figure 12.9

Click para setting, pop out figure 12.10,



Figure 12.10

Enter the password and click ok, and then enter the led control system, as shown in figure 12.11:



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The screenshot shows a software window titled "LED control setting2, 8, 5, 0 Nov 30 2012 14:12:46". The interface is divided into several sections:

- control list:** A table with four columns, each containing an "arm" icon and an IP address: 192.168.0.81, 192.168.0.62, 192.168.0.177, and 192.168.0.61. To the right are buttons for "insert", "refresh", "Load Control", "save", "modify", "import", "Load Receiver", "save", "delete", "export", "Load Display", and "save".
- screen display:** Sliders for "red", "green", "blue", and "brightness" (set to 1) with a scale from 0 to 256. Includes a "data receive" checkbox and "setup" and "apply" buttons.
- position of picture:** Input fields for "position of left(X)", "position of up(Y)", "lines(divided by 64)", and "rows(divided by 64, 32 < 641)". Includes a "detect window" button and a "standard display mode" dropdown.
- screen rotation:** Four icons representing 0°, 90°, 180°, and 270° rotation. Includes "schedule", "off screen", and "power manager" checkboxes.
- screen options:** A detailed configuration section for "LED driver" (MBI5026/TB6272), "screen clock", "latch signal interval", "de-shadow time", "level of grey", "refresh rate", "Width", "row", and "Brightness Wastage". Includes a "receiving card array(LED screen)" section with "insert", "modify", "delete", and "apply" buttons.

Figure 12.11

Chapter 13 system testing

System testing have display test and network connection.

13.1 Display testing.

Display test, test player window and screen content are synchronized or not.

Click debug in the menu bar -> display test, as shown in figure 13.1:

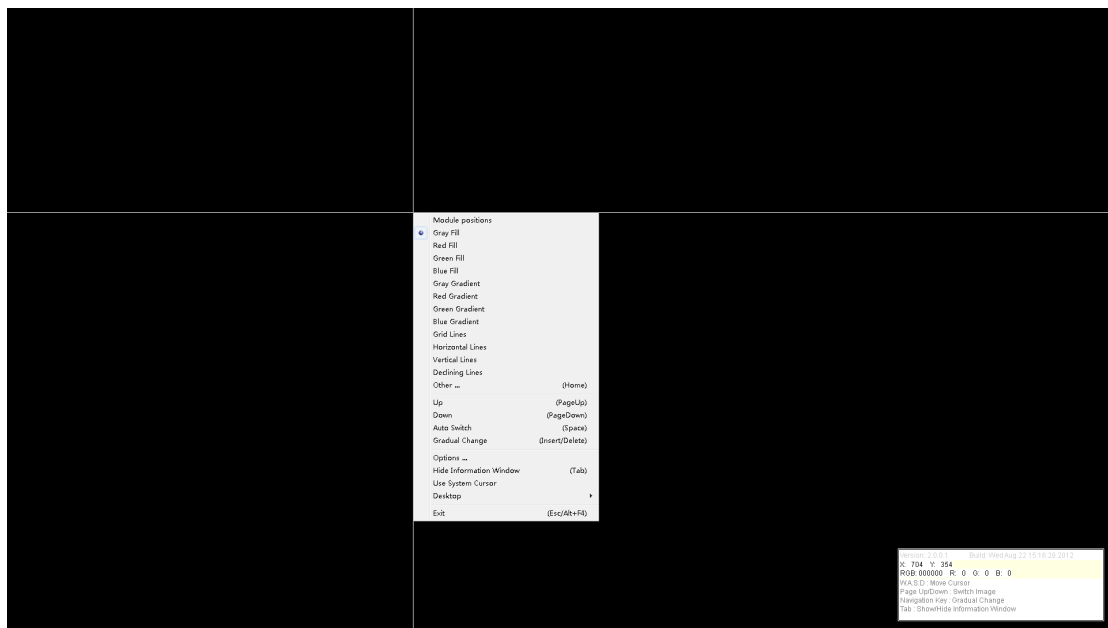


Figure 13.1

- Grayscale test of the display.
- Test the correctness the the display image.
- Display color gradation testing.
- View display position coordinates.

13.2 network connection

The network connection test is to test the network connection is normal or not.

Click debug-> network link, pop out network link test dialog.

Select the local net (Figure 13.2), then click the Test button to test.



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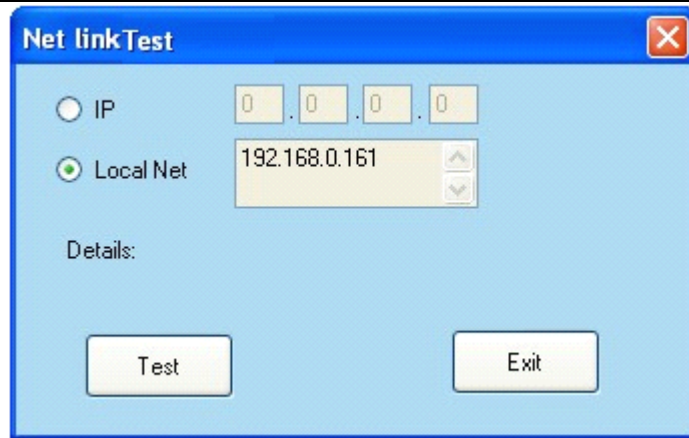


Figure 13.2

Select the IP address (figure 13.3), enter IP address and click test.

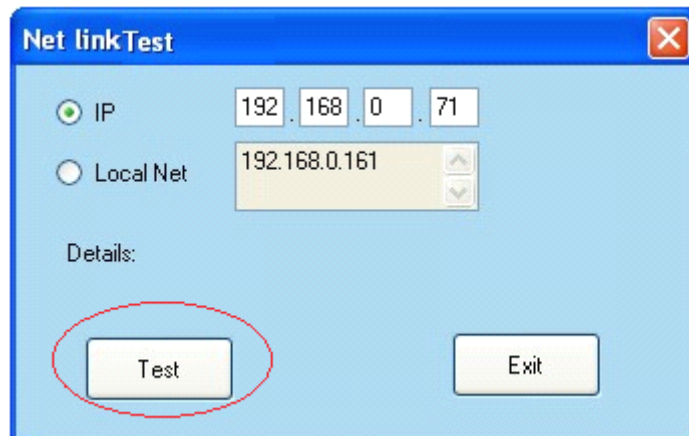


Figure 13.3

Chapter 14 synchronous inter-cut management

14.1 Subtitle inform

14.1.1 Open subtitle inform

Click play→play scrolling text, as shown in figure14.1:

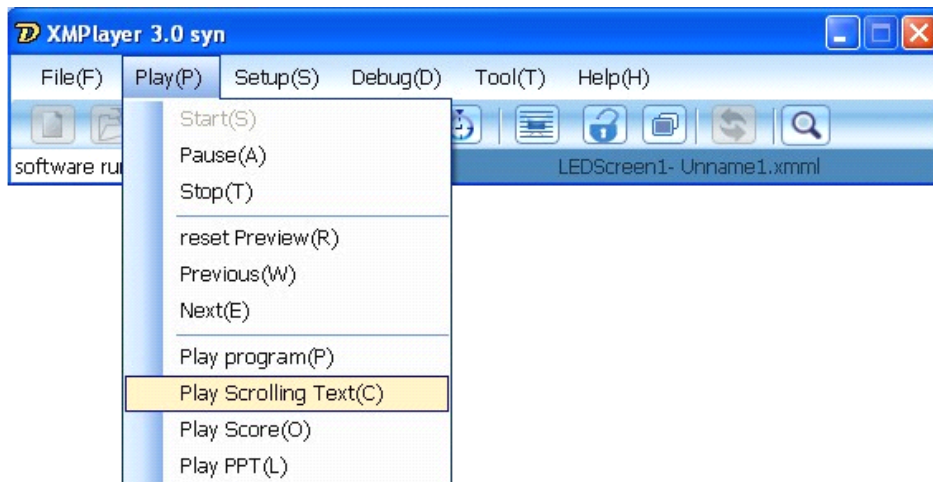


Figure 14.1

Pop out subtitle dialog (figure 14.2):

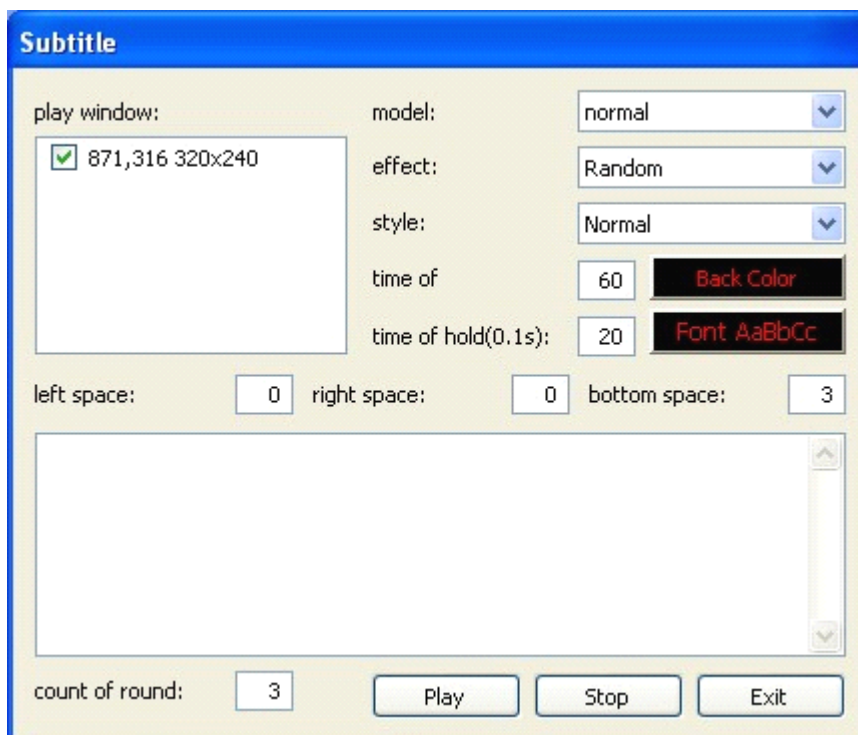




Figure 14.2

14.1.2 Setting subtitle inform

Display window: Display coordinates and size of the playback window when open subtitles.

Model: set the background color, include normal、transparent、and translucent.

Chose normal subtitle background is black, as shown in figure14.3:



Figure 14.3

Chose transparent subtitle background no color, as shown in figure15.4:

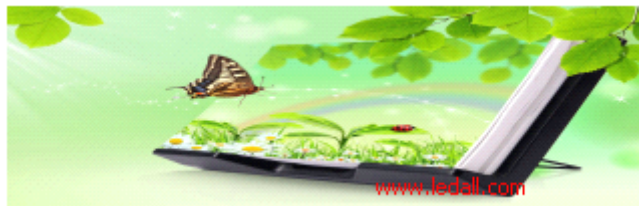


Figure 14.4

Chose translucent subtitle background is between normal and transparent, as shown in figure15.5:

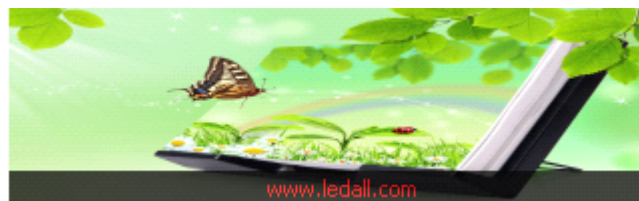


Figure 14.5

Effect: Set subtitle stunt by pull down menu.

Type: Set font type by pull down menu.

Time of effect: Enter the time in the blank

Time of hold: Enter the time in the blank

Background color: set subtitle background color default as black, click “back color”, pop out color dialog (figure 15.6), choose the color.



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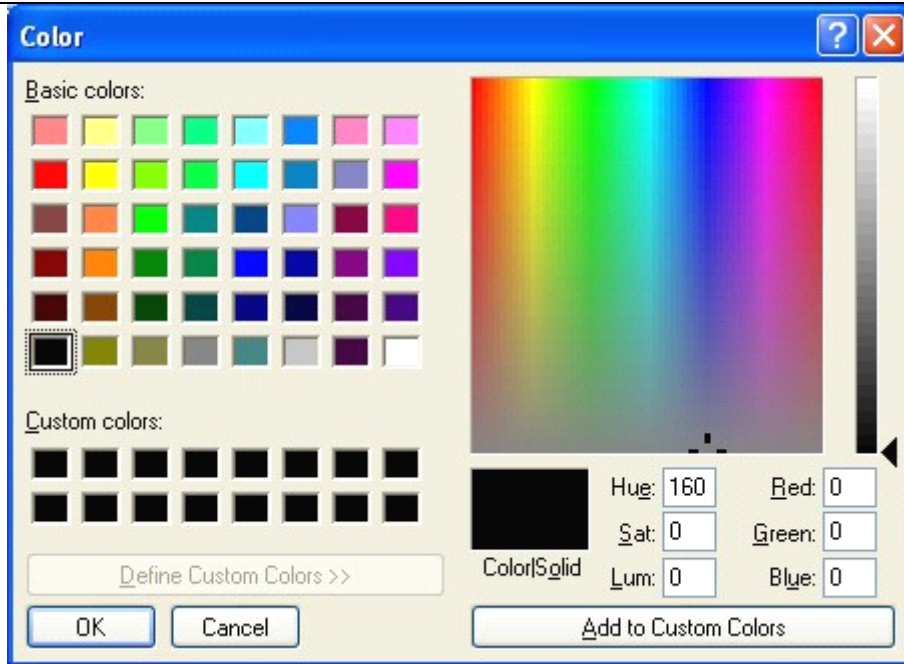


Figure 14.6

Font AaBbCc: click “font AaBbCc” pop out font dialog, as shown in figure 15.7, set font, style, size, effects, and color.

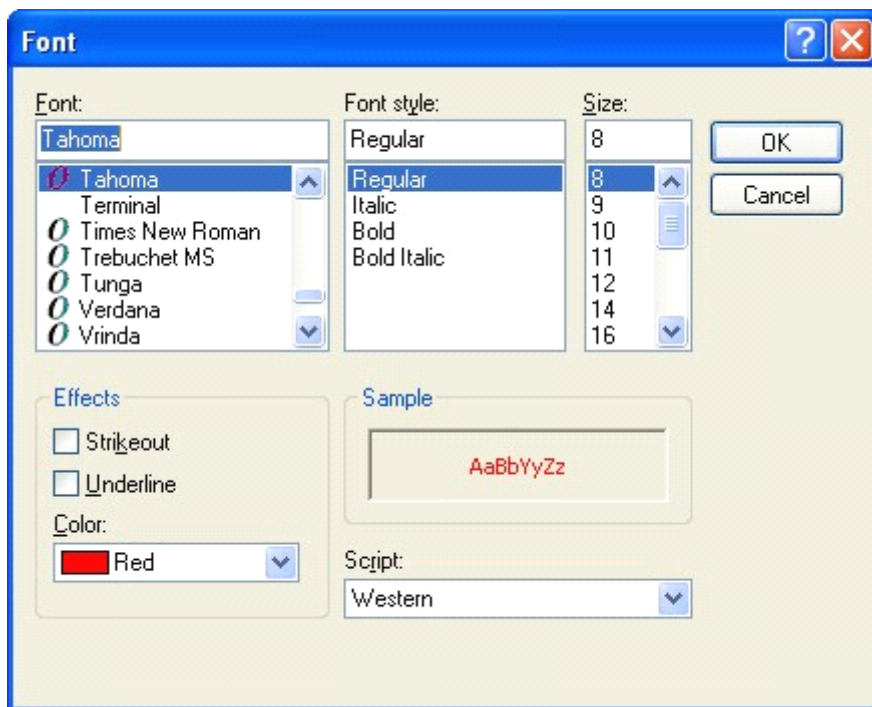


Figure 14.7

The left space: set distance of the playback window’s left border to the large screen’s left border.
The right space: set distance of the playback window’s right border to the large screen’s right



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border.

The bottom space: set distance of the playback window's bottom border to the large screen's bottom border.

Count of round: the number of times subtitles to play in the player window; you can enter a number in the blank.

14.1.3 Display subtitle inform

As figure 14.8 click play after setting, display window as shown in figure 14.9:

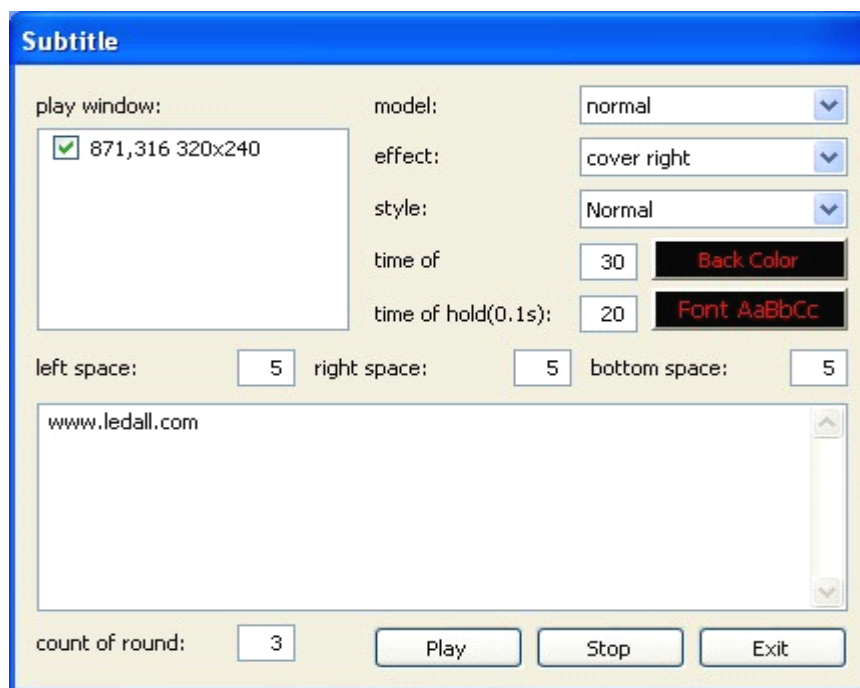


Figure 14.8

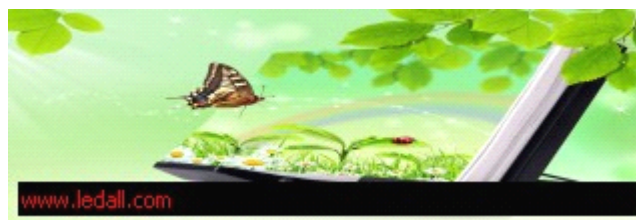


Figure 14.9

14.1.4 Stop subtitle inform

Finish count of round, subtitle will stop automatically.

Click “stop” button during playing.

14.1.5 Exit

Click “exit” button, pop out figure 14.10, click “yes”, exit and stop subtitle, click “no”, continue to play.



Figure 14.10

14.2 Play score

14.2.1 Open plays score

Click play—>play score, as shown in figure 14.11:

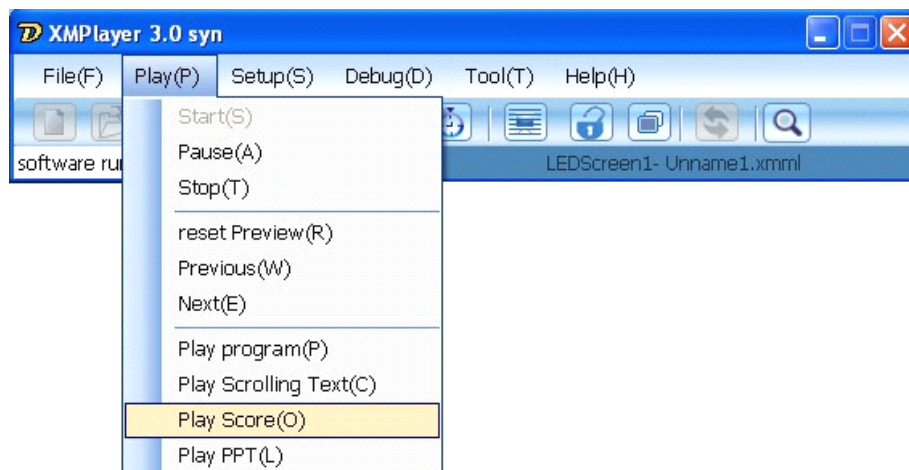


Figure 14.11

Pop out play score dialog, as shown in figure 14.12:

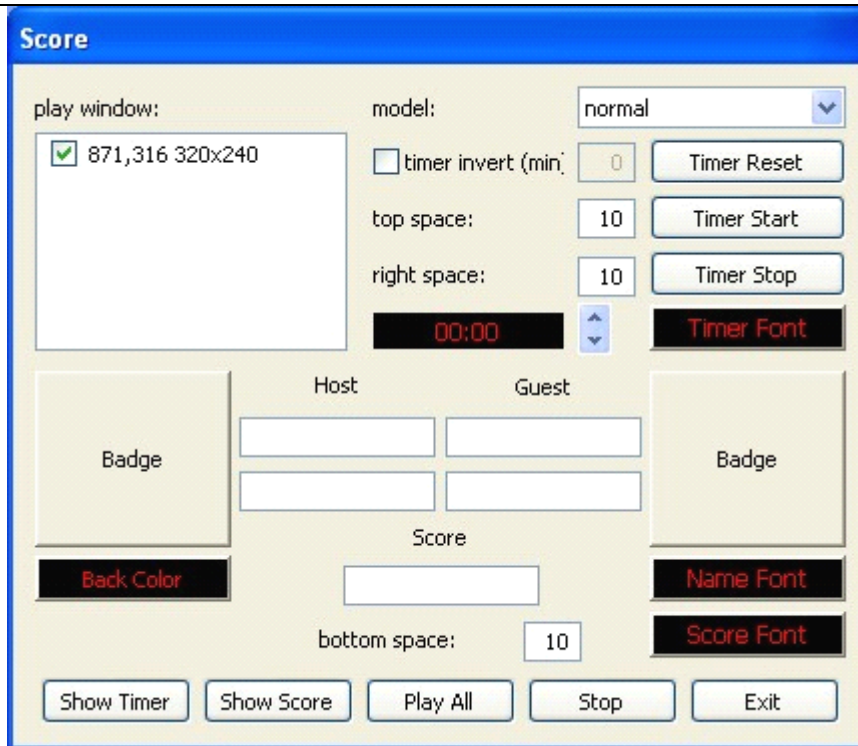


Figure 14.12

14.2.2 Setting plays score

Display window: Display coordinates and size of the playback window when open sports scores.

model: set background color, include normal, transparent, translucent.

Timer reset: reset time to beginning normally 00:00, reset to 90:00 if countdown selected.

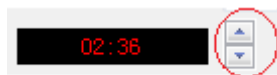
Timer start: Start count time.

Timer stop: Stop count time.

Timer font: click “timer font”, set font、style、size、and color.

Top space: Set timer to the edge of the big screen, enter a number in the back of the blank.

Right space: : Set timer to the right of the big screen, enter a number in the back of the blank.



Display time: , if any mistake during time count, u can adjust by the button.

Host: Host scores

Guest: Guest scores

Score: score symbols as“: ”.



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Badge: can set a picture of each, pictures format is bmp. click “badge”, pop out open dialog, as shown in figure 14.13:

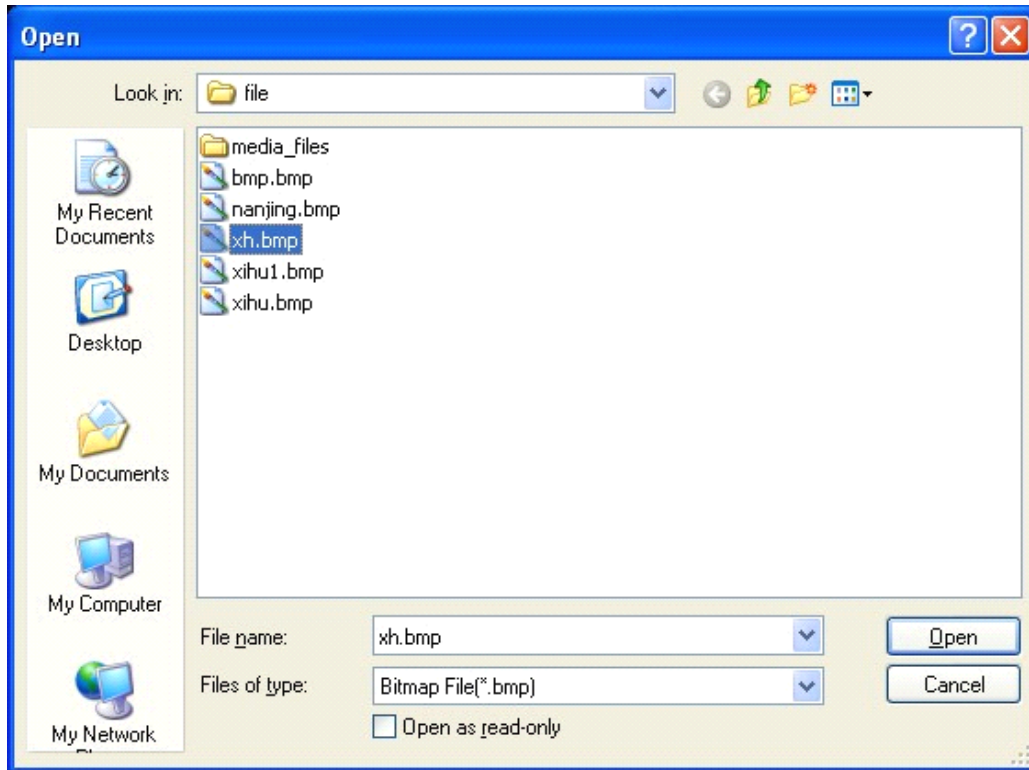


Figure 14.13

Choose the picture, click open.

Note: adjust the size of picture before select.

Back color: Set background color.

Name font: Set property of name font

Score font: Set property of score font

Bottom space: Set timer to the bottom of the big screen, enter a number in the back of the blank.

14.2.3 display/stop play score

Play score include show timer、 show score and play all.

As figure 14.14



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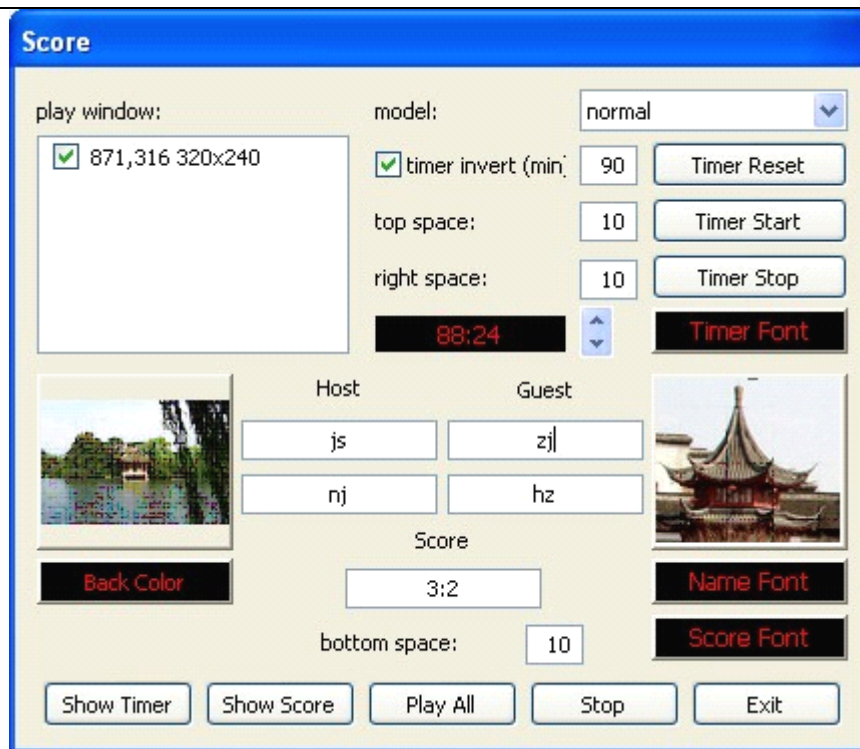


Figure 14.14

Click “play all”, play window as shown in figure 14.15:

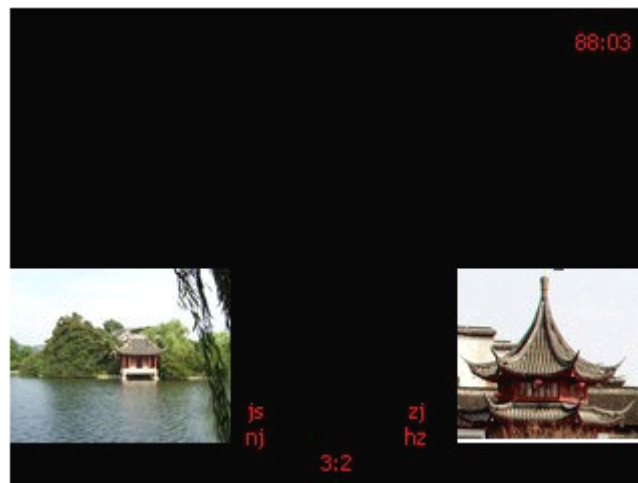


Figure 14.15

Click “show timer”, play window as shown in figure 14.16:



Figure 14.16

Click “show score”, play window as shown in figure 14.17:

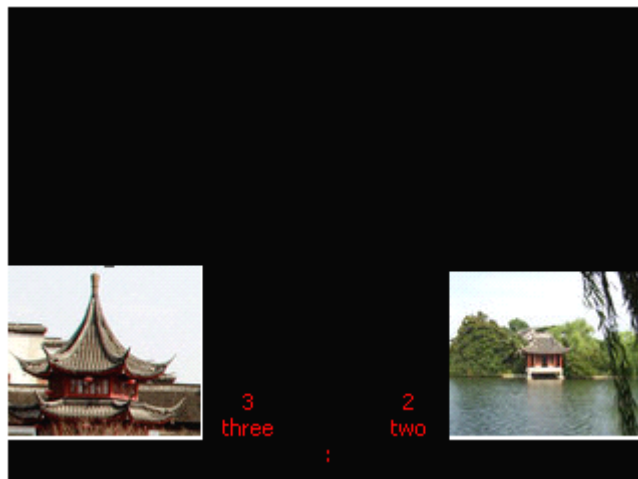


Figure 14.17

14.2.4 Stop play score

Click stop during playing.

14.2.5 Exit play score

Click “exit” button, as shown in figure 14.18, click “yes”, exit play score, click “no”, continue to display score.





Figure 14.18

14.3 Display PPT

Click play—>display PPT, pop out PowerPoint document dialog, as shown in figure14.19:

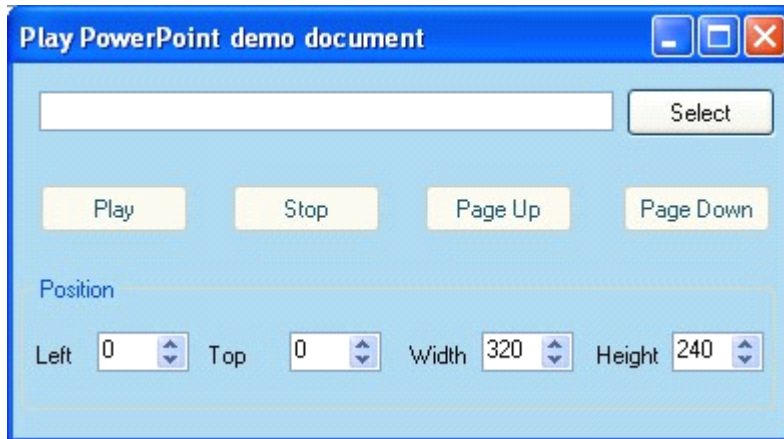


Figure 14.19

Click “select”, open local PPT, click “play” after setting the position, as shown in figure 14.20:

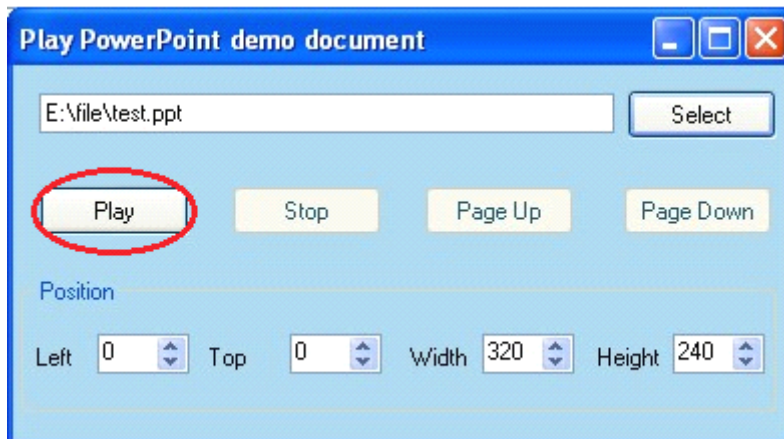


Figure 14.20

Then play window display the PPT, as figure 14.21 and 14.22:



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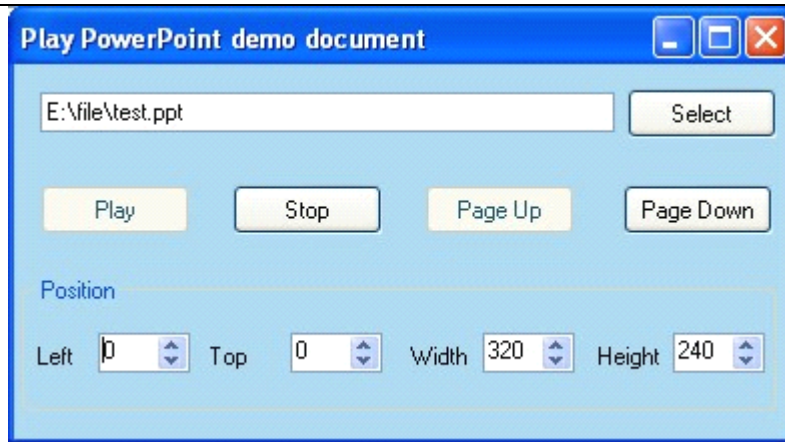


Figure 14.21

LED Editors 3.0

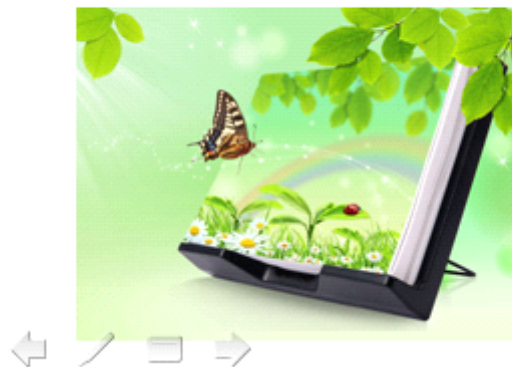





Figure 14.22

Click “page up”, “page down”, “stop”, to control the ppt display.

Appendix 1 window Description

Arrange pattern: left to right 、right to left 、vertical 

Enter the content, the effect as below:






Chart 1 left to right



Chart 2 right to left



Chart 3 vertical

Align pattern: left align 、middle 、right align .

multiline: not tick only one line, as below:





Chart 4 tick multiline

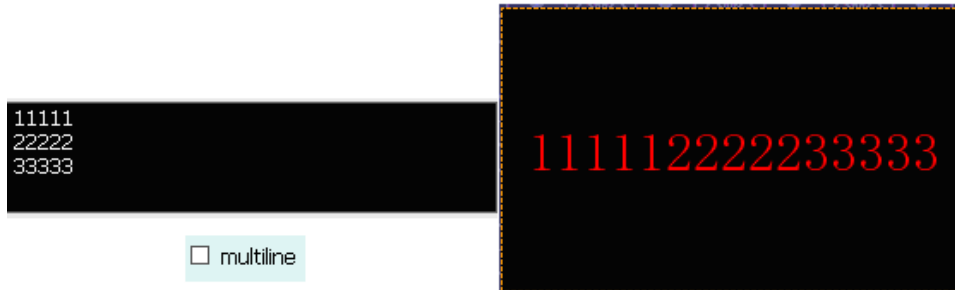




chart 5 not tick multiline

up , **down** : Move the content up or down in the play window.

Note: Only work when multiline ticked.

Font space: Default is 0.

Line space: Default is 0.

Scrolling speed: The large No. the lower speed

Asynchronous multifunction window: as chart 6,



Chart 6


Synchronous multi function window: as chart 7,




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Chart 7

Click words after  in chart 6 or chart 7 to add different content.

File: Options see chart 8, click the "file" , add the corresponding files, introduce see chapter 5

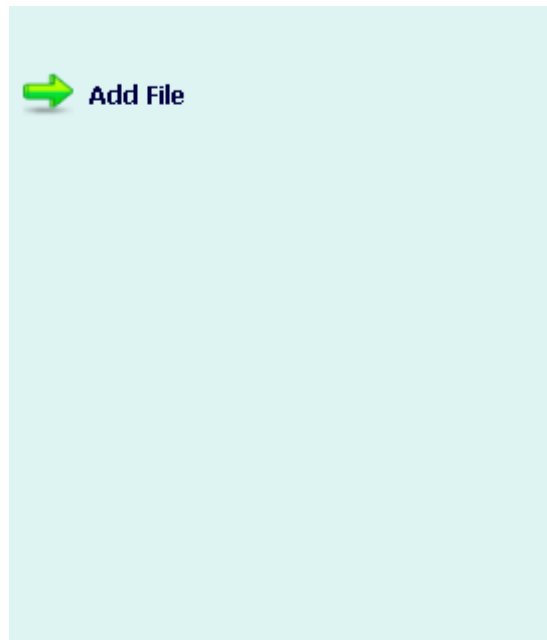


Chart 8

Subtitle: Option (see chart 9, can be set font, arrangement, alignment, word spacing, residence time, rolling speed and so on.)



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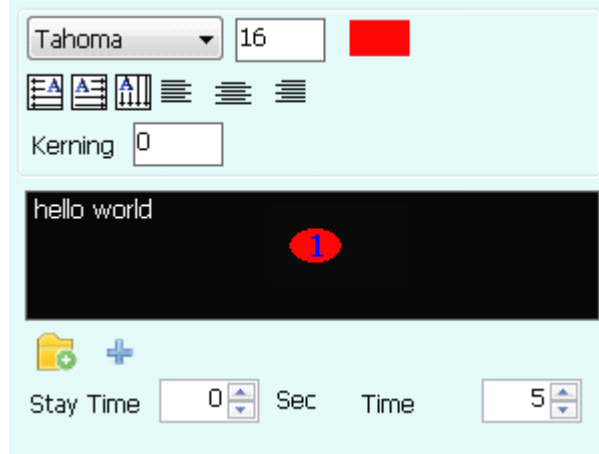



Chart 9

Enter in edit window  if few words as in chart 9.






Can be saved to TXT document if lots words. Click “open txt file ” button  or “add txt file” button , pop out open dialog, choose the file, click “open”, the content will show in , as chart 10:



Chart 10

Static text: Option (see chart 11, can be set font, residence time, click  or  button, and can make the entire text move up and down.)



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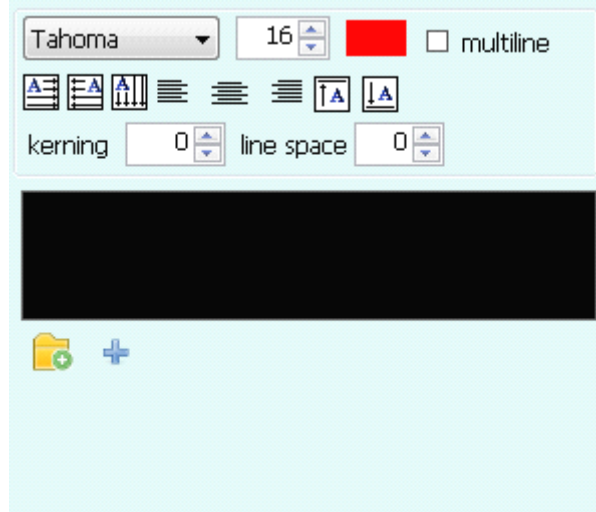


Chart 11

Static text “open txt file” 、“add txt file” function as marquee.

Single color text: Option (see chart 12, can be set font, stunt and so on)

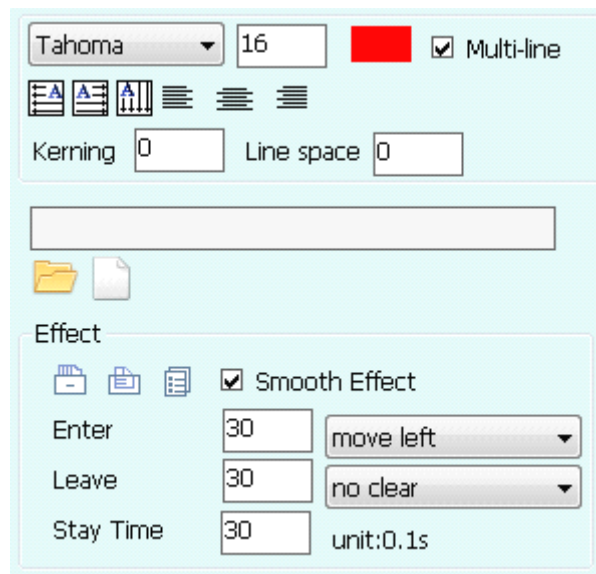


Chart 12

Single color text “open txt file” 、“add txt file” function as marquee.

RTF: Options see chart 13, support add local RTF file and use file editor to edit file. Introduce see chapter 6.



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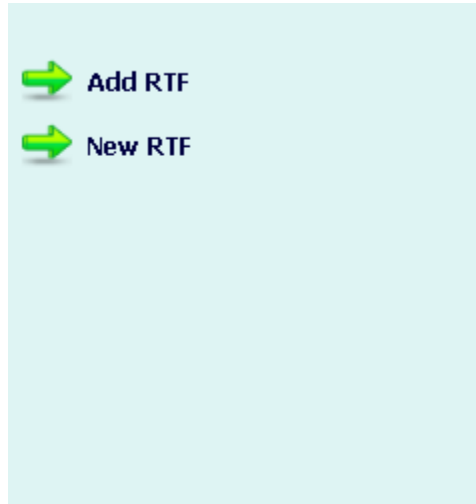


Chart 13

Sensor: Option (see figure 14, can be set font, up down, display options, etc.)

Temperature, humidity, brightness, does not need to input data; the data is obtained from the sensor.

Displays options include temperature, humidity, brightness, which is checked display which on the playback window.

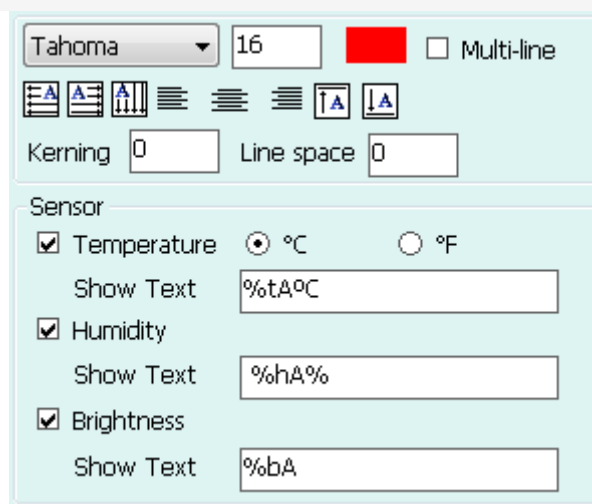
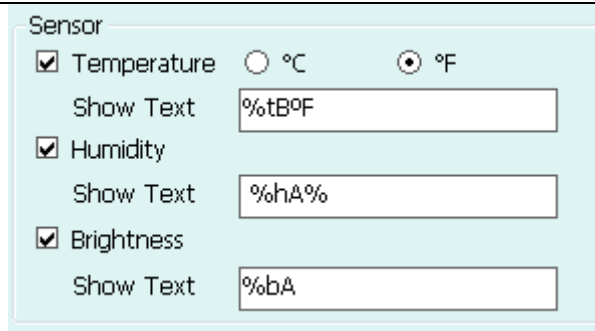


Chart 14

Temperature has degrees Celsius and Fahrenheit. As shown in chart 15:



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Sensor

Temperature °C °F
Show Text

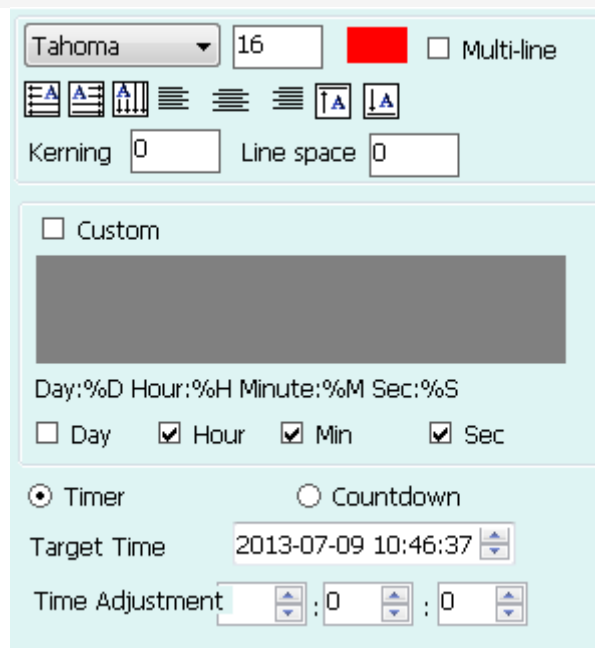
Humidity
Show Text

Brightness
Show Text

图 15

Timer: Option (see chart 16, can be set font, display options, timing mode, target time and so on. If time is wrong, it can also fix time.)

Display options are the days, hours, minutes, seconds, which is checked displayed which on the player window, as shown in chart 17.



Tahoma 16 Multi-line

Kerning Line space

Custom

Day:%D Hour:%H Minute:%M Sec:%S

Day Hour Min Sec

Timer Countdown

Target Time

Time Adjustment : :

Chart 16

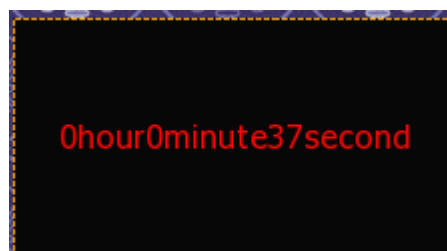


Chart 17



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Choose custom format as shown in chart 18, but in the edit window of input need content:

custom format

There are %D days away from the Spring Festival

Days:%D Hours:%H Minutes:%M Seconds:%S

Days Hours Minutes Seconds

Timer Countdown timer

Target Time 2013-02-10 00:00:00

Time Adjustment 0 : 0 : 0

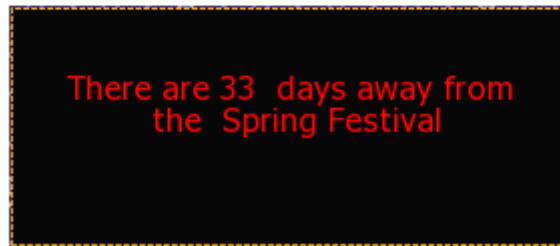


Chart 18

Description: select a custom format, days, hours, minutes, seconds refers to the total number of days, the total number of hours, the total number of minutes, the total number of seconds.

The timing ways have timing and countdown.

Timing: set target time, not before the target time, days, hours, minutes and seconds are 0 to reach the target time to start the timer.

Countdown: set a target time (usually at a time in the future), the goal of how many days, hours, minutes or seconds from now to reach the target time, days, hours, minutes, seconds becomes 0, no longer changes.

Graphics clock : Option (see chart 19, can choose clock appearance, background color, pointer color, scale color, scale shape, scale size, etc. If time is wrong, it can also fix time.)



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Shape: Round (dropdown) Back Color: [Black swatch]

Handle

Hour: [Red swatch] Minute: [Green swatch] Second: [Blue swatch]

Point

Hour: [Red swatch] Round (dropdown) [2] (input)

Minute: [Green swatch] Round (dropdown) [1] (input)

Time Adjustment: [0] (input) [0] (input) [0] (input)

Chart 19

Shape have circular、square、 ellipse、 rectangle and default as circular.

Clock: Options see chart 20, can be set font,format, display text, display options, etc. If time is wrong, it can also fix time.

Display text: Enter the text in the input box is displayed in front of the time and date.

Display options: year, month, day, minute and second options, which is checked shows which on the player window.

Tahoma (font dropdown) 16 (font size input) [Red swatch] Multi-line

[Font icons]

Kerning [0] (input) Line space [0] (input)

Format: Year Month [] (dropdown) [] (dropdown)

Show Text: Today is [] (input)

Year: 4-digit 2-digit

Month: Text Digit

Hour: 24-hour 12-hour

Year Month Day Half-day

Hour Minute Second Week

Time Adjustment: [0] (input) [0] (input) [0] (input)

Chart 20

Display window as chart 21 after setting:



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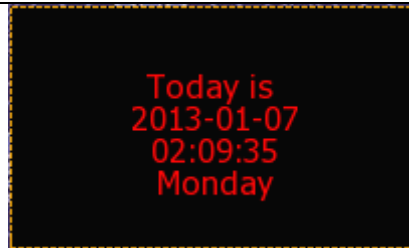


Chart 21

Custom format option sees chart 22 in the edit box input need words or time format

Format

Today is
%YA,%MA,%DA

%YA:year %MA:month %DA:day %WA:week
%HC:hour %mA:minute %SA:second

Time Adjustment : :

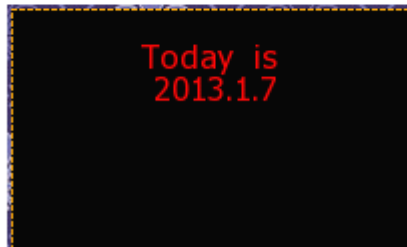


Chart 22

Synchronous External video : Options see chart 23, can install video equipment, audio equipment, external video, video format, the interlaced and channel, and so on. Just for synchronous system and not suitable for the asynchronous system right now.



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Video Device	<input type="text"/>
Audio Device	立体声混音 (Conexant HD A)
Video Input	<input type="text"/>
Video Format	<input type="text"/>
<input type="checkbox"/> Deinterlace	channel <input type="text"/>

Chart 23

External video mainly use for TV signal input and external VCD / DVD signal input, Note: must have a TV card before various settings.

Video equipment: can choose different video card (note: must want to install more piece of card can have more than one option).

Audio equipment: to choose video voice (note: some TV card through the voice sound card play).

External video: to choose external video.

Channel: to choose the TV channel (note: some TV card cannot choose TV channel).

Table window: options chart 14, support open local table or use the table editor new table , see chapter 5 are introduced concretely. Can install form entrances and exits stunt, residence time.



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Chart 24

Synchronous clone: clone windows can not add content, add a clone window behind which window and play the contents of that window. And can add multiple. The clone windows generally do not add in the program page. The clone is unique synchronous system but asynchronous system currently does not support the cloning.

In chart 25, clone window Add behind *the graphics clock*. *The two clones' windows have no content when the editing program*. Chart 25, when the broadcast program, the playback clone window content and graphics clock are same, shown in Figure 26:

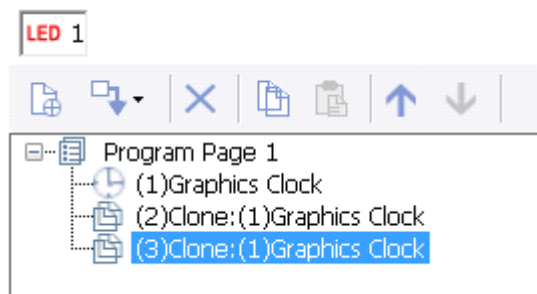


Chart 25



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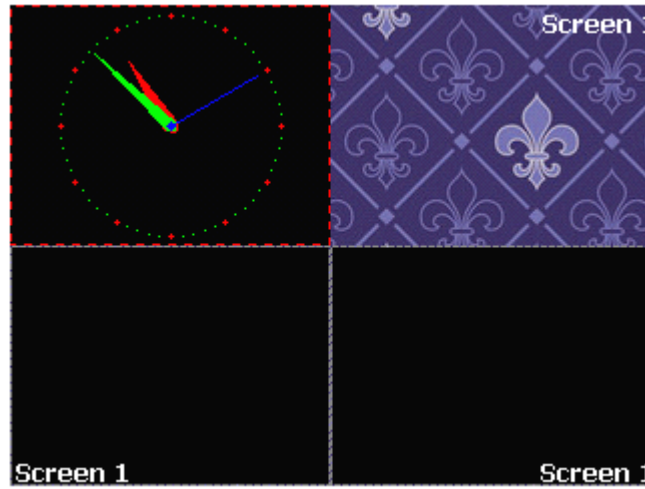


Chart 26

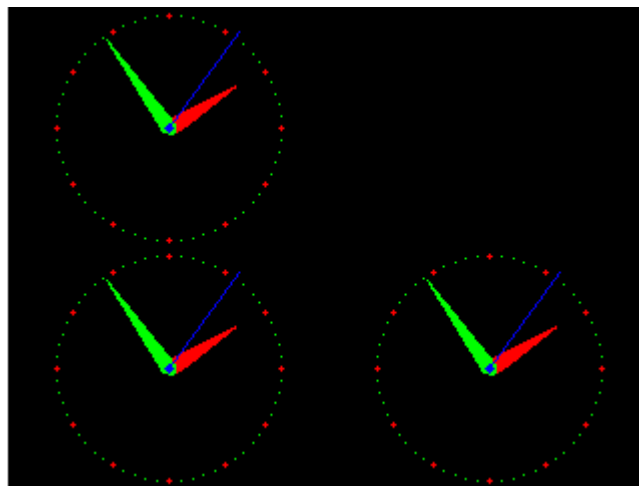


Chart 30

Appendix 2 stunt Description

Stunt shown in Figure 1:

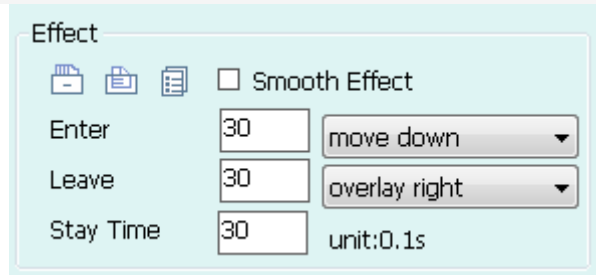





Figure 1

: Apply stunt in the current window.

: Apply stunt in the current page.

: Apply stunt in the current program list.

Enter : default as 30, unit 0.1s, can be set by spin button.

Enter Effect: click pull down button, choose the effect, default as random.

Leave : default as 30, unit 0.1s, can be set by spin button.

Leave effect: click pull down button, choose the effect, default as no clear.

Delay time: default as 30, unit 0.1s, can be set by spin button.

Illustrate Application stunt. (Note: Some windows do not have stunt, window is has stunts here)

New file list as shown in figure 2, use default.

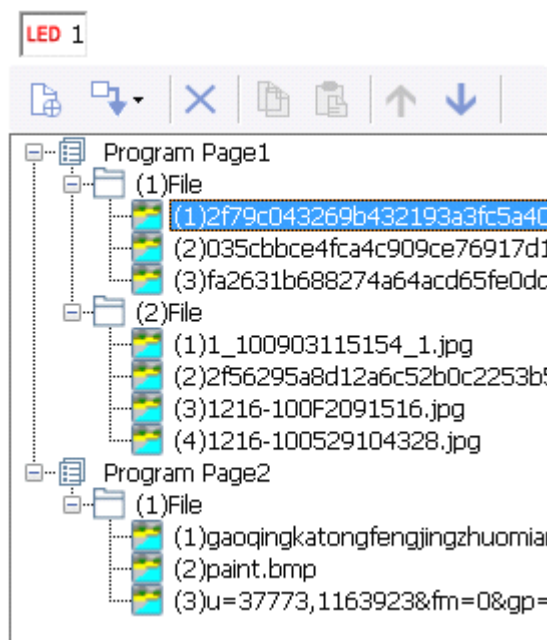


Figure 2

Show page 1 material in (1) the files' enter stunt set to "move down", leave stunt is set to "overlay right", as shown in Figure 3:

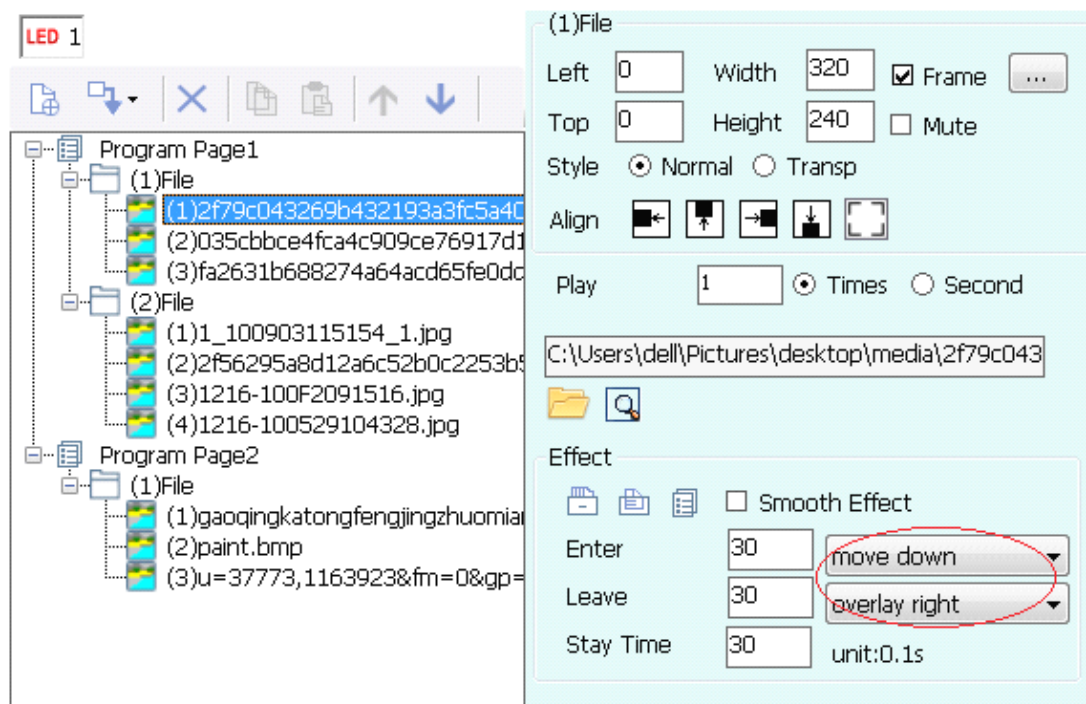


Figure 3

- 1、click “stunt in current window” button , check the material stunt in the program list

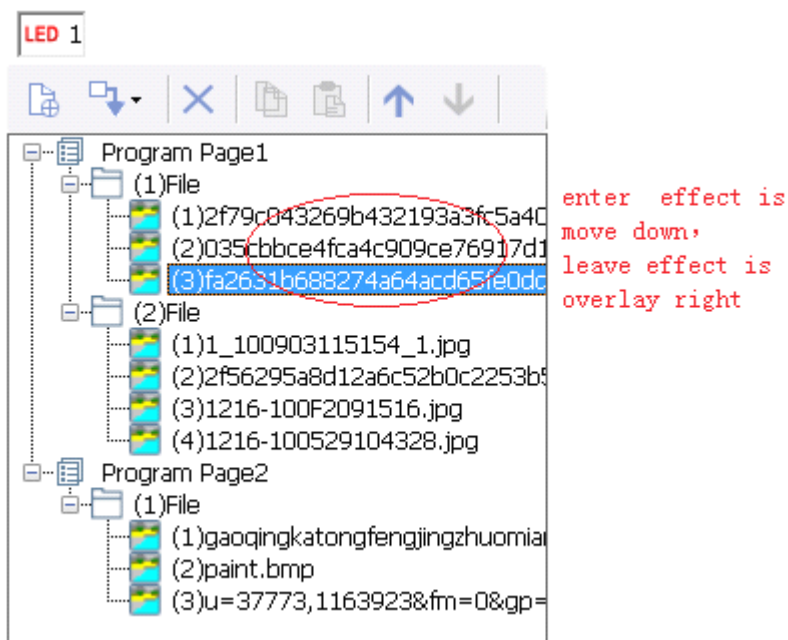


Figure 4 stunt in current window

2、click “**stunt in current page**” button , check the material stunt in the program list.

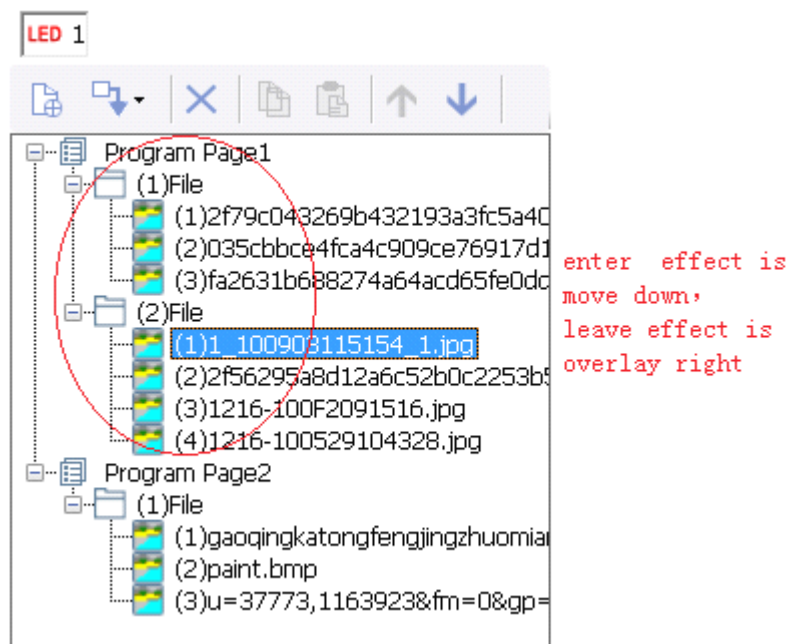


Figure 5 stunt in current page

3、click “**stunt in the program list**” button , check the material stunt in the program list.

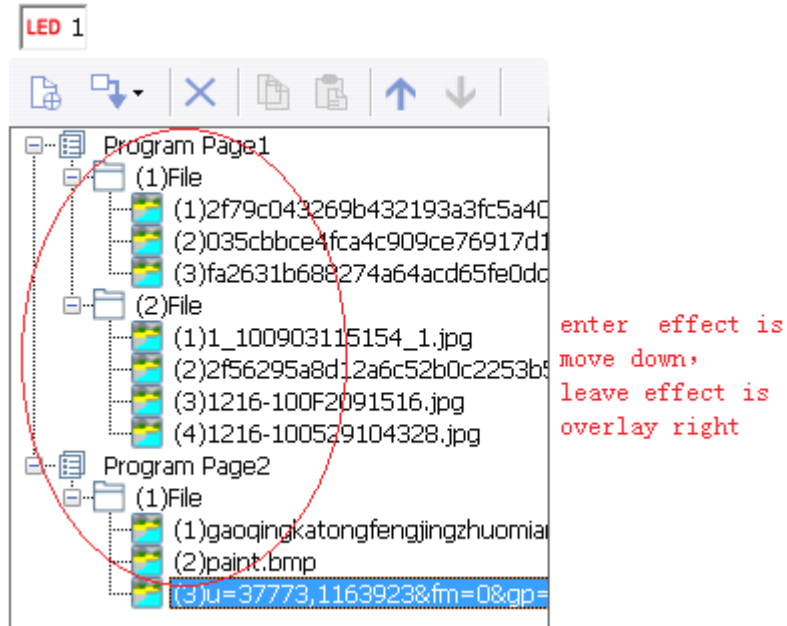


Figure 6 stunt in the program list