

Catalogue

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Chapter 1 Introduction

1. Functions

LedshowTV2015 is the software of BX-V SYNC series.

LedshowTV2015 adopts the best 3D and Gigabit LAN technologies, which make the LED screens with best effects, most convenient high refresh technology, more abundant display functions, more completed products series and the best applications.

LedshowTV2015 supports three display modes (High refresh mode/Recommend mode/Text mode); Supports File, Video, Audio, Graphic, Text, Subtitle, Table and all media file; Supports Word, Excel, PPT display synchronously; Support Clock, Date and Timer functions; Support multi-programs editing; Support 65536 pixels in length!

LedshowTV2015 support BX-V full series sending and receiving cards, and support setting parameters intelligently.

LedshowTV2015 supports Simplified Chinese, Traditional Chinese, Korean, Japanese, French, Russian, Thai, Arabic, German, Spanish Language, Portuguese, Vietnamese, Kazakh, Croatian, Turkish, etc.

2. Running Environments

LedshowTV2015 supports Windows XP/ Vista/Windows7/Window 8 system.

Gigabit card mode, suggest you the configuration of your computer:

- CPU more than 2.0 GHZ
- Storage more than 1GB
- There' s Gigabit card or with PCI/PCI-E Gigabit card on the computer main board;

Sending card mode, suggest you the configuration of your computer:

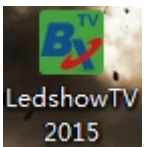
- CPU more than 2.0 GHZ
- Storage more than 1GB
- Discrete graphics, more than 512MB, and must with DVI port;

Note: Users must adjust the configurations of the computer according to the LED screen pixels, the complex level of programs and the video is HDV or not.

Chapter 2 Install and Uninstall

1. Install Software

1. Open software CD---Double click LedshowTV2015---Select install language---Click "Sure" .
2. Enter into installing guide. Click "Next"
3. Select install route, click "Next"
4. Enter into install window, click "install"
5. Finish, click "ok"
6. After finishing the installation, there will be a shortcut icon



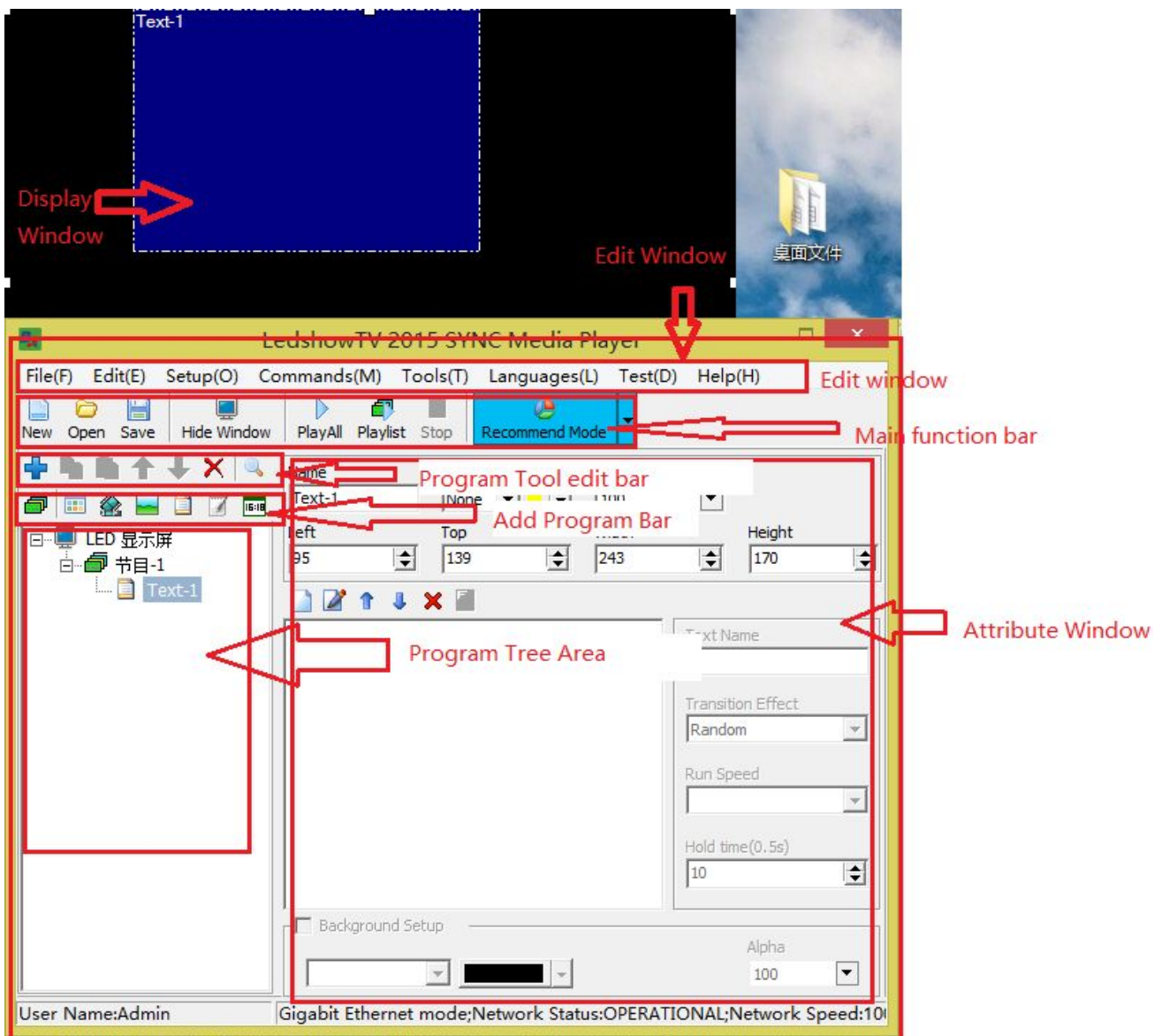
. Double click as to open the software.

2. Uninstall Software

Chapter 3 Software Introduction

1. Window

When open the software, users will see the software window, like Picture 1. Including two parts: Play window and Edit window.



Picture 1

1. Play Window

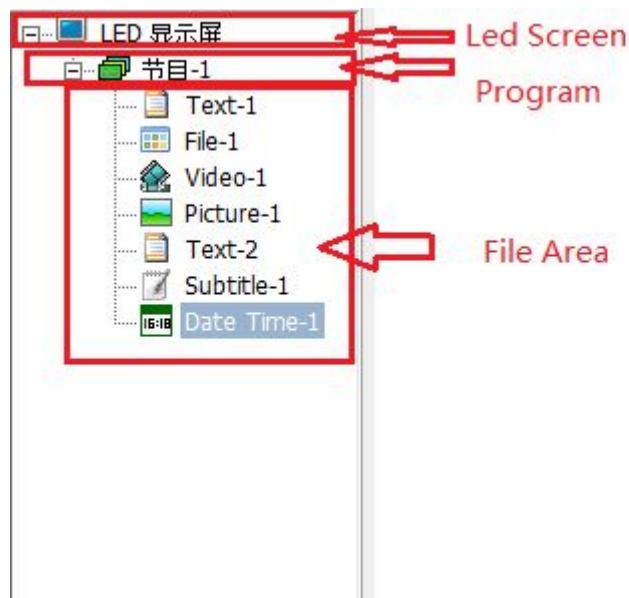
Play window is the Preview window.

2. Edit window

Edit window: Menu bar, Main Toolbar, Edit Programs Toolbar, Add Programs Toolbar, Program Tree area, Attributes bar and Status bar.

2. Programs Construction

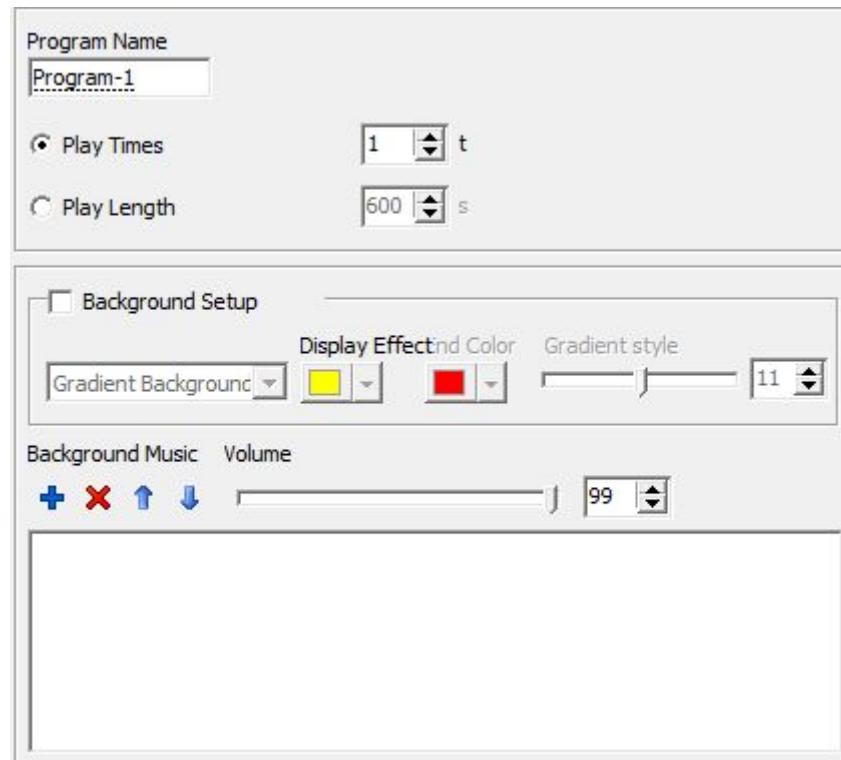
LedshowTV2015 Program Tree area is made with 3 levels: LED screen, Programs and File area.



Picture 2

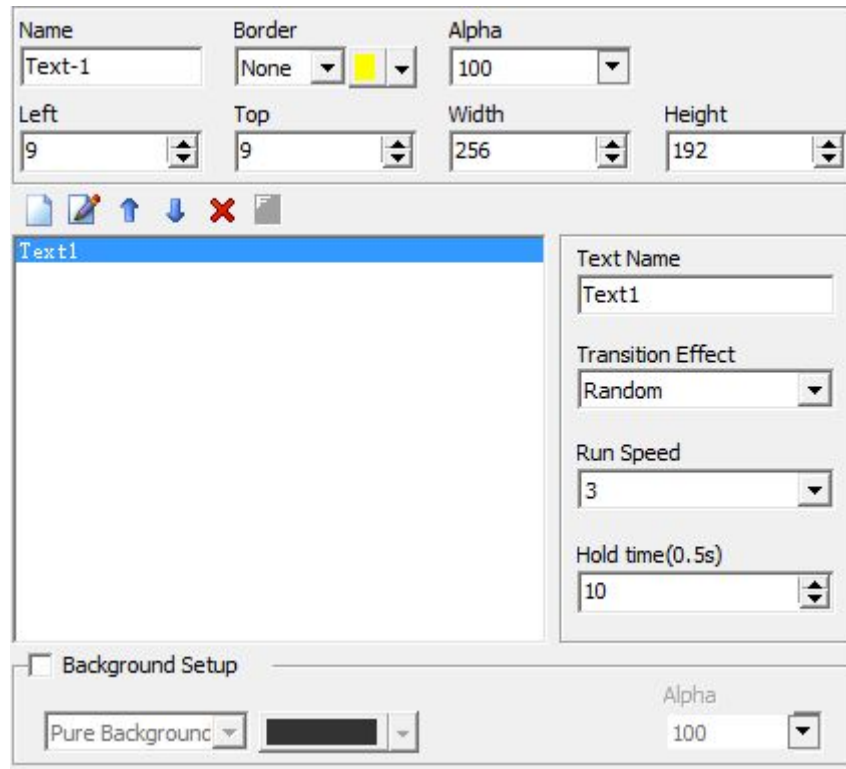
- LED screen: Synchronous display in LED screen and full color screen. Every "led screen" is coordinating relation, and users can add may programs on led screen.

- Programs: Program, means the combination of one group file area and program content. Every “program” is coordination and “in turn” playing relation.



Picture 3

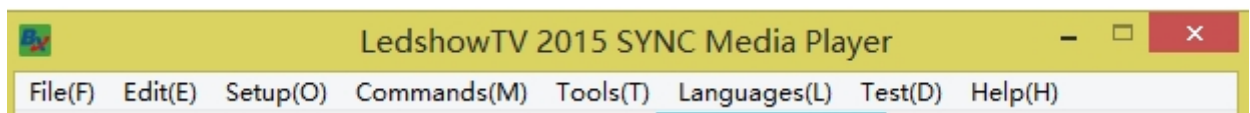
- File area: File area is the distributing window of program, which decides the whole arrangement of the program. Every “file area” is coordinating and simulcasting relation.



Picture 4

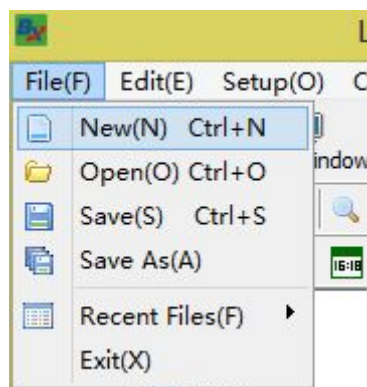
3. Menu and Tool

1. Main menu



Picture 5

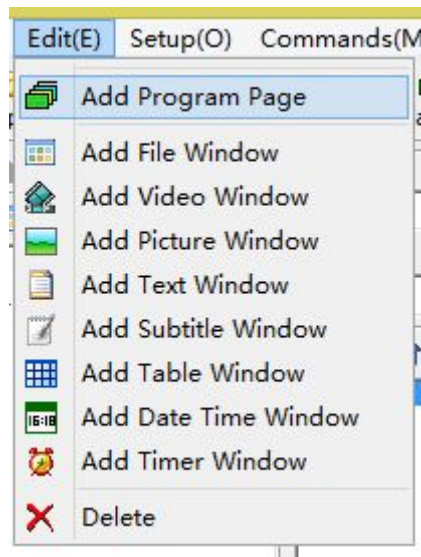
1.1 File menu



Picture 6

In file menu, mainly for saving and opening of the program file (*.bx file).

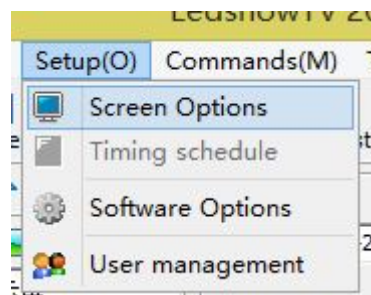
1.2 Edit menu



Picture 7

The function of Edit area: add or delete program, file area, video area, graphic area, text area, subtitle area, date/time and timer.

1.3 Set menu



Picture 8

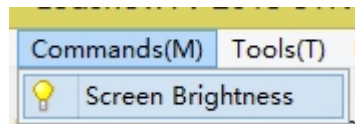
- Set parameters: Set screen hardware parameters, including sending equipment configuration, connect receiving card, scan mode,

display parameters configuration, import & export configuration parameters and controller process maintenance.

- Software set: All sets of software, including play window parameters; show on the top; run software automatically when start the computer.

- User management: Encryption and limits of authority.

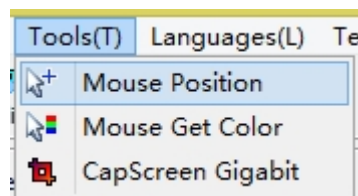
1.4 Common Command



Picture 9

- Brightness adjustment: adjust the brightness of led screen.

1.5 Tool menu



Picture 10

- Mouse position: Check the coordination of the computer display.
- Check color: check the color RGB value of the computer display.
- Screen shot of Gigabit: On the mode of Gigabit mode, used to synchronous zoom in and out the area content on computer display.

1.5 Language menu

Users can change the language you want for the software.

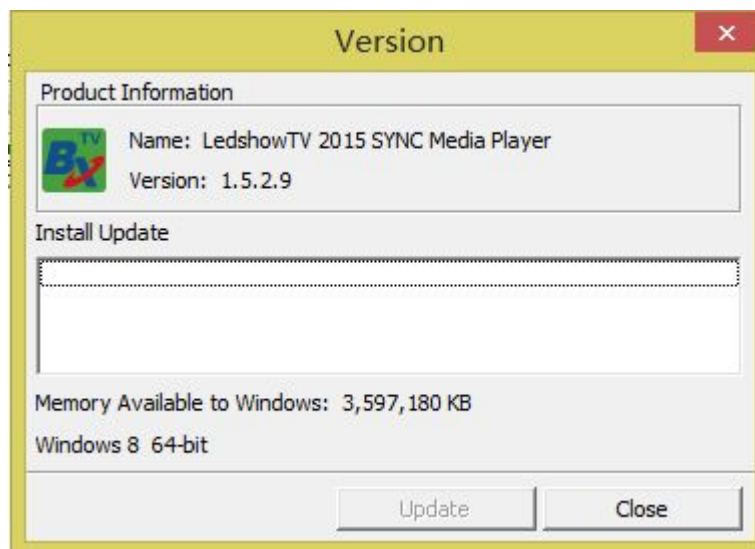
Support: Simplified Chinese, Traditional Chinese, Korean, Japanese, French, Russian, Thai, Arabic, German, Spanish Language, Portuguese, Vietnamese, Kazakh, Croatian, Turkish, etc.

1.6 Test menu

Used to manufacturing and installing, as to test the line and color of the led screen.

1.7 Help menu

Check the software version and user manual. Support updating online.

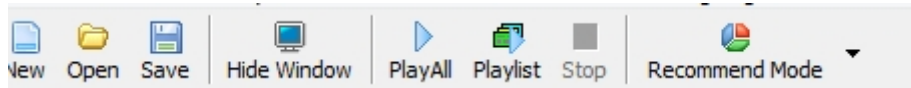


Picture 11

2. Main Toolbar

The main functions on main toolbar: operate program file, show/hide play window, the order of playing programs, choose play or

stop, three display mode (High refresh mode/Recommend mode/Text mode) .



Picture 12

3. Edit program Toolbar



Picture 13

From left to right:

- New program: Add program page on the selected play window.
- Copy: Copy the selected one or all the content under it.
- Paste: Paste the copied content.
- Move up: Move the selected content to the front.
- Move down: Move the selected content to the behind.
- Delete: Delete the selected content.
- Check: Check the programs which with the words you want.

4. Add program Toolbar



Picture 14

From left to right:

- File area: Add file area.
- Video area: Add video area.

- Graphic area: Add graphic area.
- Text area: Add text area.
- Subtitle area: Add subtitle area.
- Date/Time area: Add date/time area.

Chapter 4 Edit programs

1. Set screen parameter

Please set correctly about the size of led screen, or the program will display just a part of them or no display.

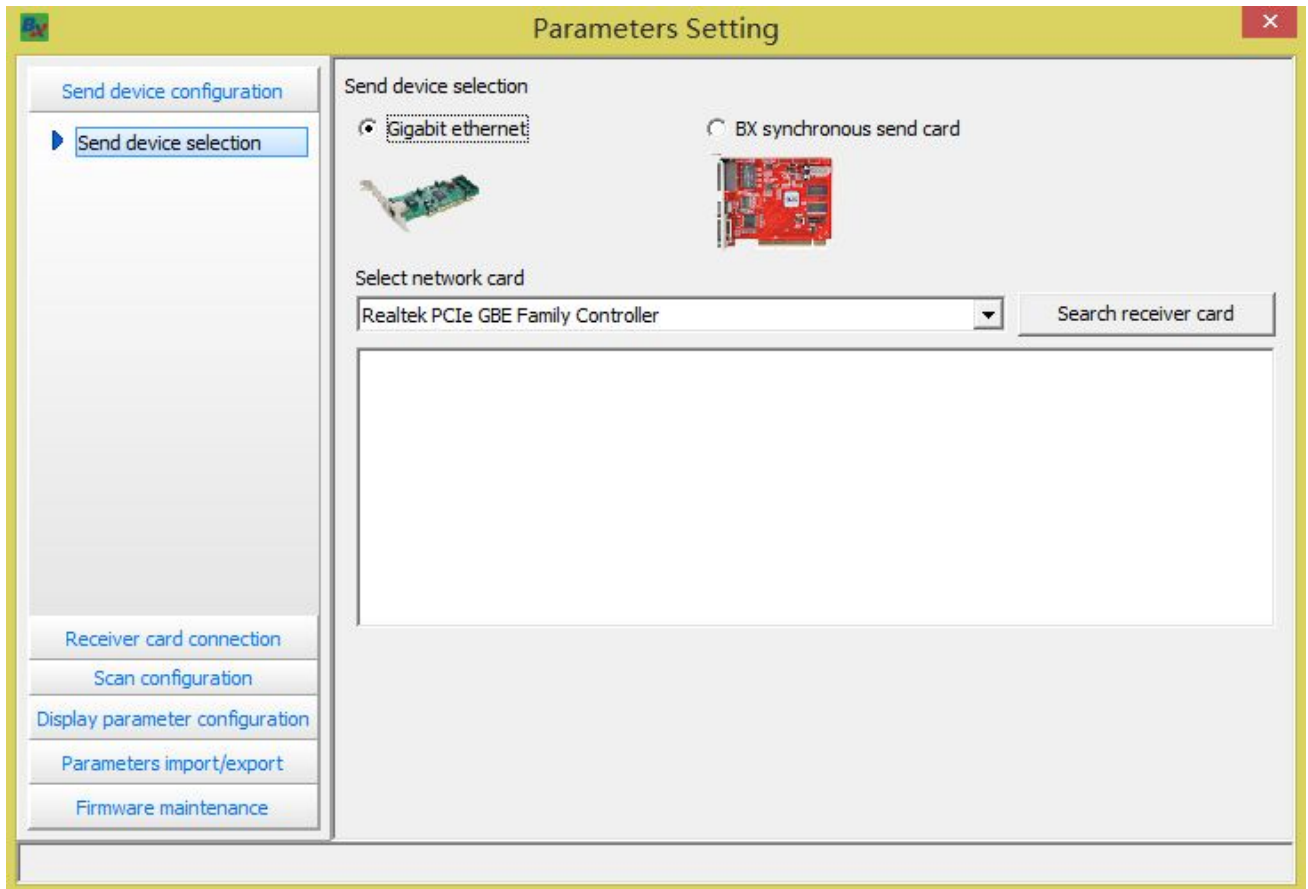
Set LED screen: Select menu "setup" --" software option" --set the quantity, place of start and end, size of the LED screen (Like picture 15).



Picture 15

Set controller: Select menu "setup" -- "set screen parameters" , here you can set send device configuration, receiving card connection, scan configuration, parameters configuration, import / export

configuration parameters and firmware maintenance, etc. (Like picture 16).



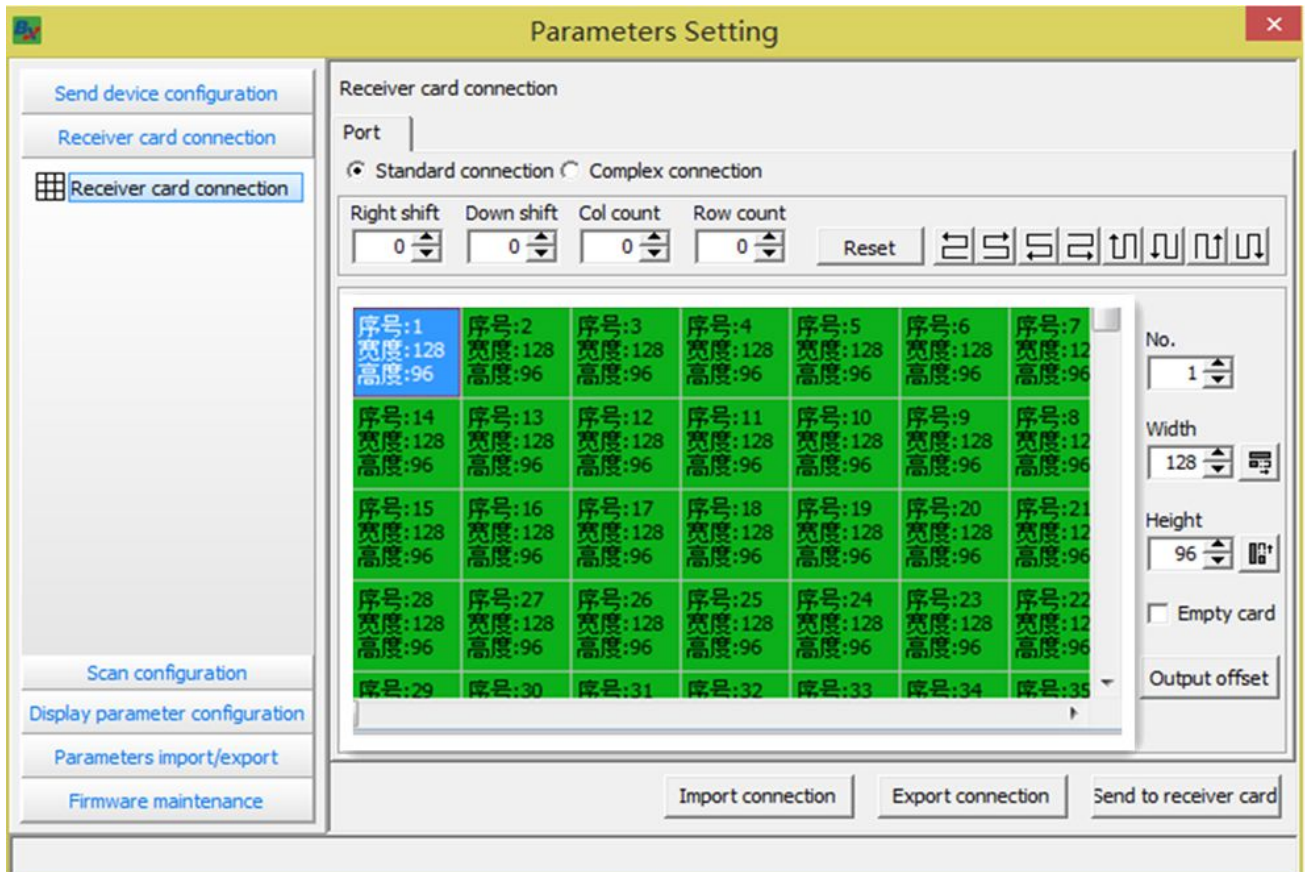
Picture 16

- Sending equipment configuration: Choose the connected sending equipment. Can select Gigabit Ethernet card or BX SYNC sending cards.

Gigabit Ethernet port: Connect receiving card directly, synchronous display.

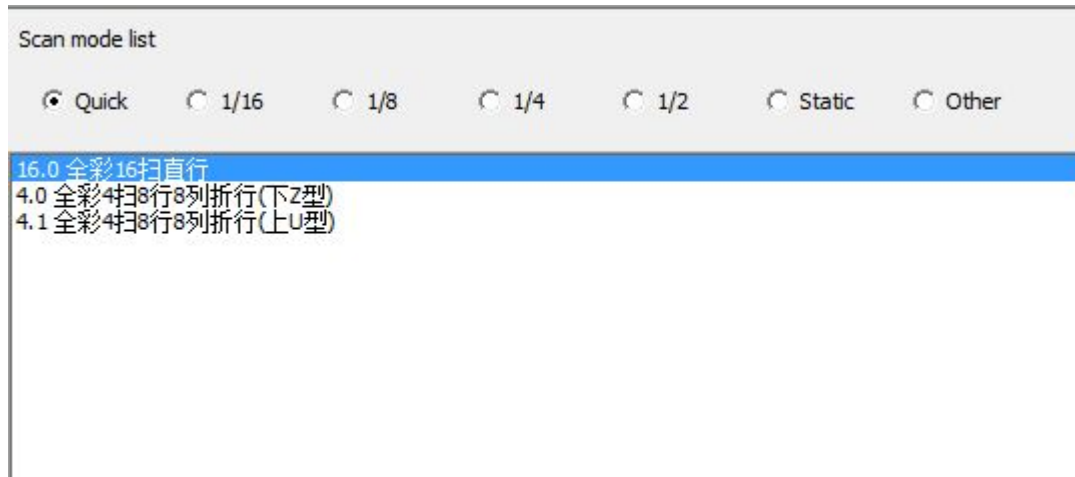
BX SYNC sending cards: Connect by sending cards/box, synchronous display.

- Connect receiving cards: Input the orders of led screen installing wire and the pixels of each receiving card can support. (Like picture 17).



Picture 17

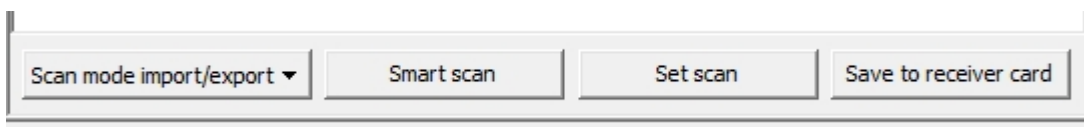
- Scan configuration: According to LED modules, to configure the corresponding scan configuration. Usually, the scan mode of indoor full color module is 16.0 (Like picture 18); outdoor full color module, check the below (picture 19). Others, can use LedshowTV2015 to find out, by “smart scan” (Like picture 20).



Picture 18

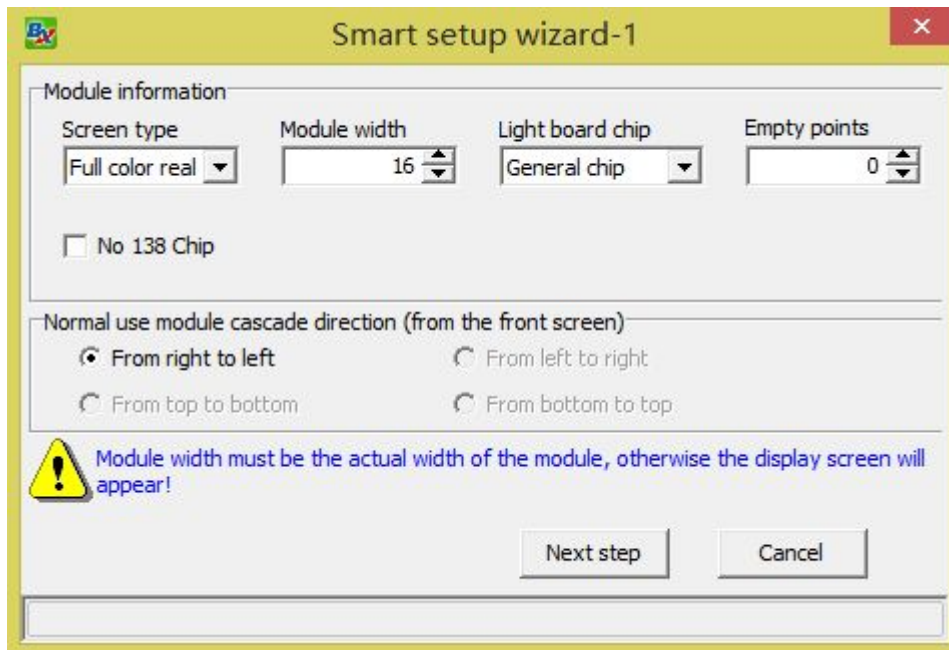
| LED行业常用全彩显示模组扫描配置速查表 | | | | | |
|----------------------|----------|------|-------|-------|---------|
| 厂家名称 | 模组型号 | 接口类型 | 模组规格 | 有无138 | 扫描配置代号 |
| 漳州彩亮 | P10 | T75 | 16*16 | 有 | 4.1 |
| 泉州彩亮 | P10 | T75 | 16*16 | 有 | 4.3 |
| | P10 | T75 | 32*16 | 有 | 4.1 |
| 湖北美亚迪 | P10 | T75 | 16*16 | 有 | 4.6 |
| 福建泰德 | P10 | T75 | 32*16 | 有 | 4.1 |
| 深圳三彩 | P10 | T75 | 16*16 | 无138 | 4.7 |
| | P8 | T75 | 32*16 | 有 | 4.0 |
| 深圳亮彩 | P10 | T75 | 16*16 | 有 | 4.0 |
| 深圳合利来 | P10 | T75 | 16*16 | 含138 | 4.6 |
| 深圳精英 | P10 | T75 | 16*16 | 有 | 4.1 |
| | P10 | T75 | 16*16 | 有 | 4.6 |
| | P8 | T75 | 16*16 | 有 | 4.1 |
| 深圳金华光 | P8 | T75 | 40*20 | 有 | 其它(5.1) |
| | P10 | T75 | 32*16 | 有 | 4.3 |
| 厦门强力 | P10 V9.1 | T75 | 16*16 | 有 | 4.0 |
| | P10 V9.3 | T75 | 16*16 | 无138 | 4.9 |
| | P8 | T08 | 32*16 | 有 | 4.5 |

Picture 19



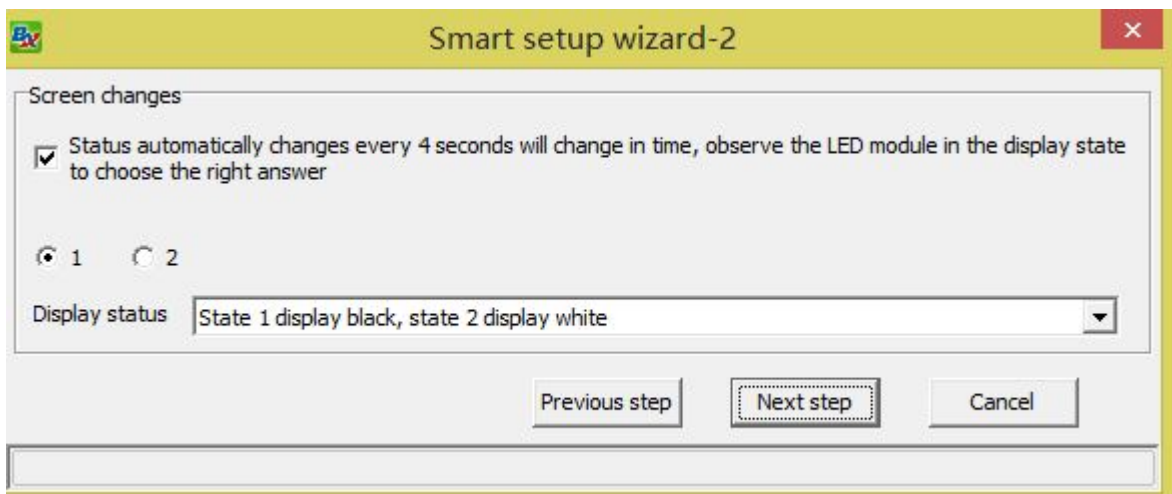
Picture 20

Intelligent scan configuration: Click “ intelligent scan configuration” button, enter into “intelligent setting guide-1” (Like picture 21). Then, set the module width, driving chip, quantity of empty pixels, have 138 or not.



Picture 21

Click “next” button, enter into “intelligent setting guide-2” (Like picture 22). Choose the correct display status according to the module.



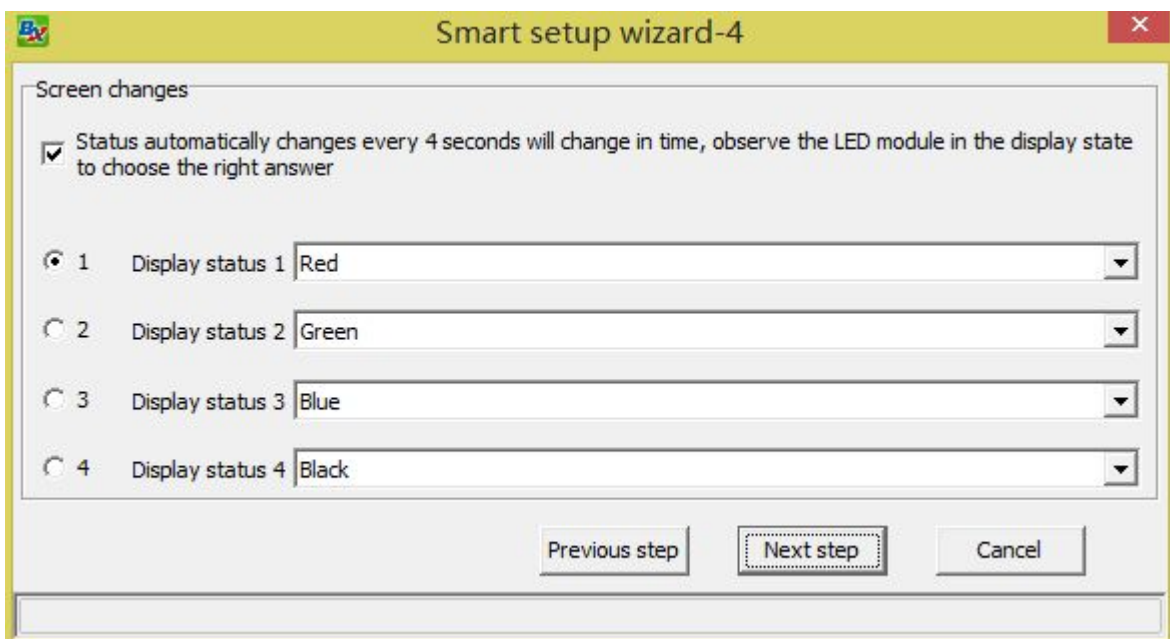
Picture 22

Click “next” button, enter into “intelligent setting guide-3” (like picture 23). Choose the display brightness comparison according to the module.



Picture 23

Click “next” button, enter into “intelligent setting guide-4” (Like Picture 24). Choose the display color according to the module.



Picture 24

Click “next” button, enter into “intelligent setting guide-5” (like picture 25). Choose the brightness line number according to the module.



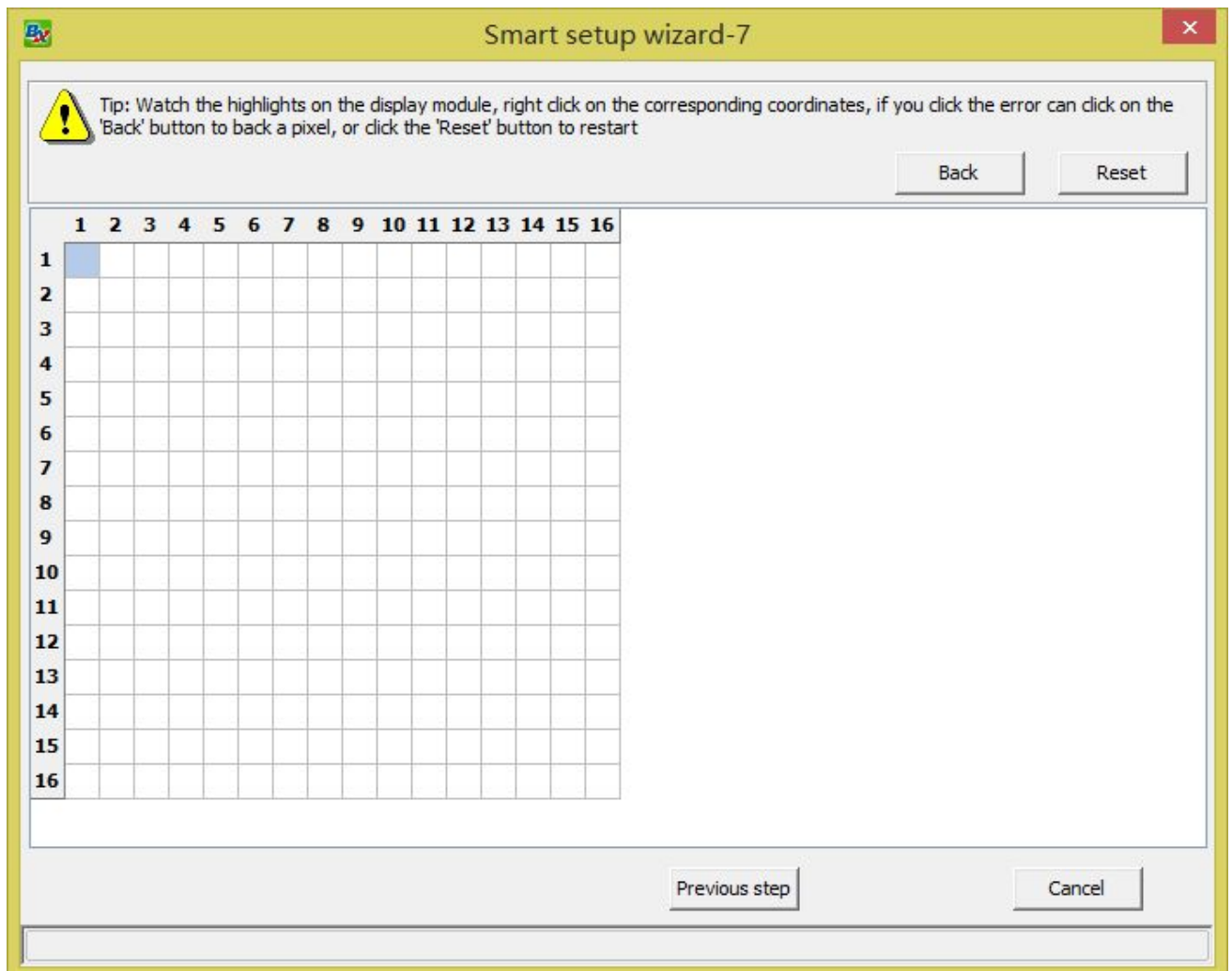
Picture 25

Click “next” button, enter into “intelligent setting guide-5” (like picture 26). Choose the brightness line number according to the module.



Picture 26

Click “next” button, enter into “intelligent setting guide-7” (like picture 27). Fill in the pixels according to the screen. Then, the new scan mode will be configured.



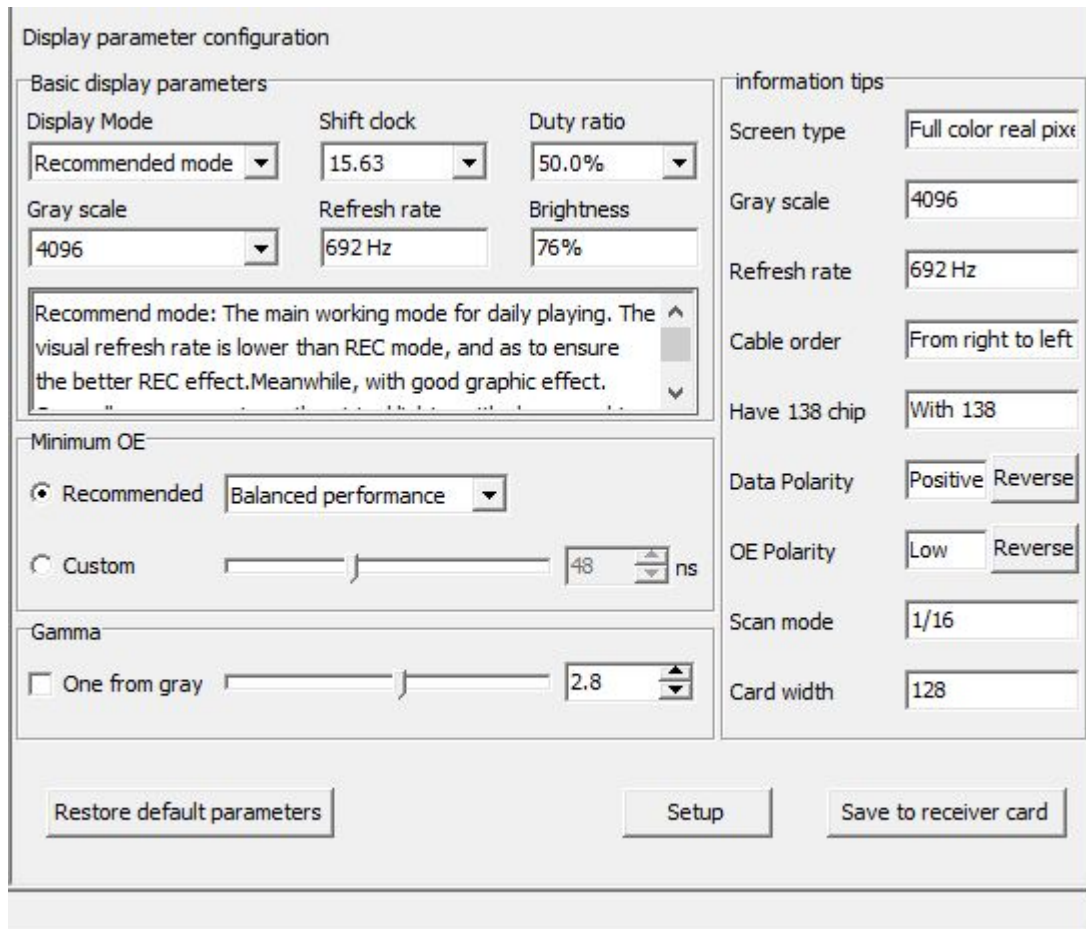
picture 27

- Display parameter configuration: Set the display mode, shift clock, duty cycle, gray scale grade, refresh rate, effective rate of brightness, maximum OE width, gamma correction, gray scale from 1 grade, etc. (Like picture 28).

REC mode: The best mode of photography effect, also called high refresh mode or visual refresh priority mode. Mainly used in television studio, vocal concert, wedding celebration video. Based on principles of no any scanning line when use the camera shooting.

Recommend mode: The mainly wording mode for daily display, the photography effect is lower than the visual fresh rate, give consideration to better photography effect, in the mean time, the visual effect is the best. Users cannot see the darken light spot with clear frames and best character display effect. The default mode for our software is recommend mode.

Text mode: Conservative display mode, to some of the modules which have problem of circuit design or the driver chip which make the lower speed of switching, only sacrifice the visual refresh rate to make sure the clear frames and cannot see the darken light spot, In this case, only use the text mode.

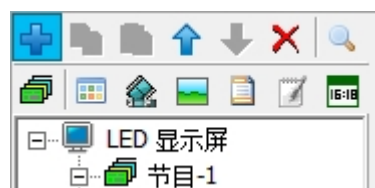


picture 28

- Import/Export configuration parameters: Import the configured parameters to SYNC software in another PC.
- Controller progress maintenance: Check sending card/box and the firmware version of receiving card, as to update or maintain.

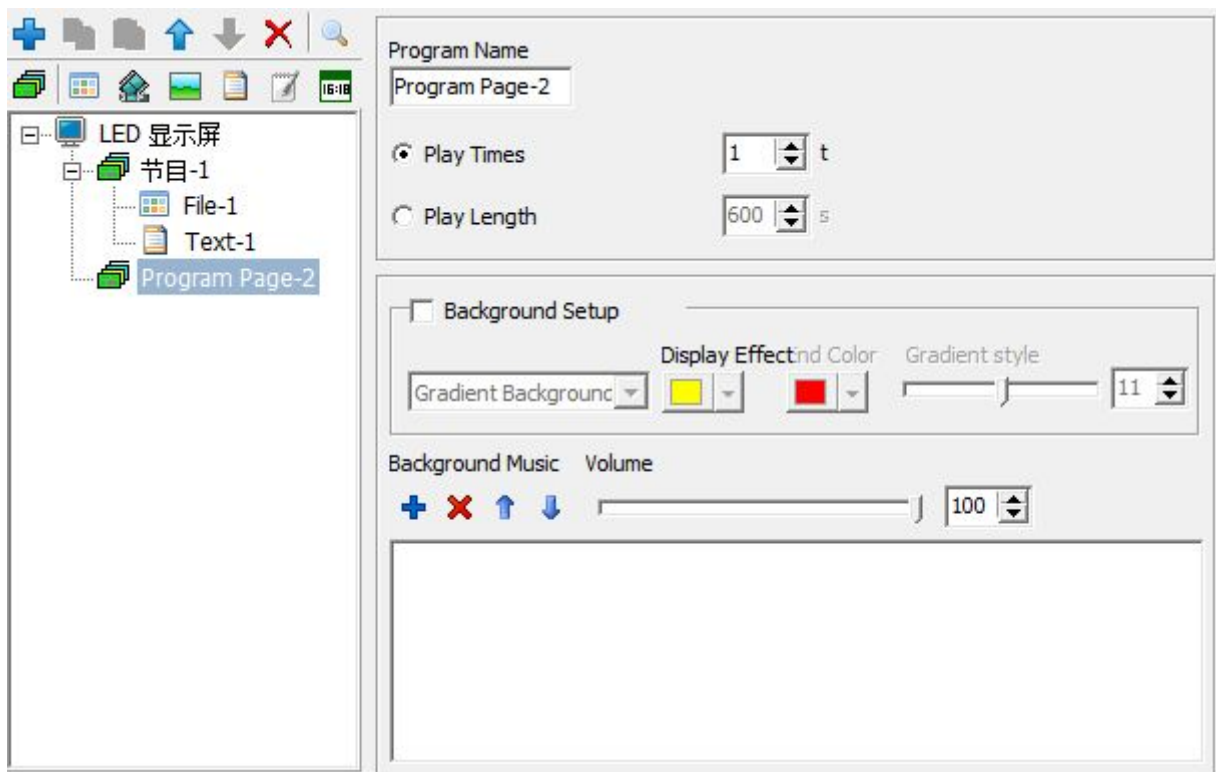
2. Add program

Click  button, or click Toolbar  (Like photo 33).



Picture 29

After establishing program, there will show the corresponding attributes on the right side (Like photo 34), usually it' s default.





Picture 30

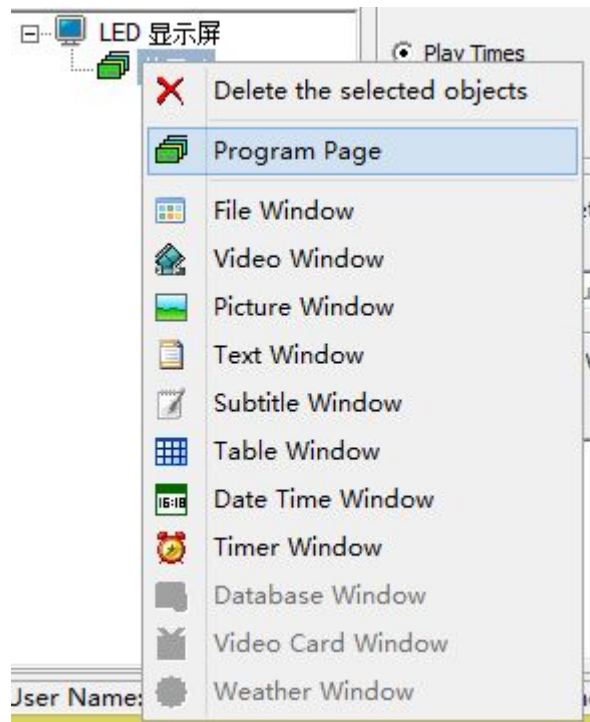
Set the below parameters on the program attributes:

- Program name: modify the name of this program.
- Play management: Set the play orders or play time.
Play in order: Wait until the the play finish.
Play time: Play period.
- Set background: Set the background for this program.
- Background music.
- Volume.

3. Add program

1. Add program

After establishing the program, click  or click  or right click "program" as to add file area (like picture 31). There are many file area in one program, the size and place can be set.



Picture 31

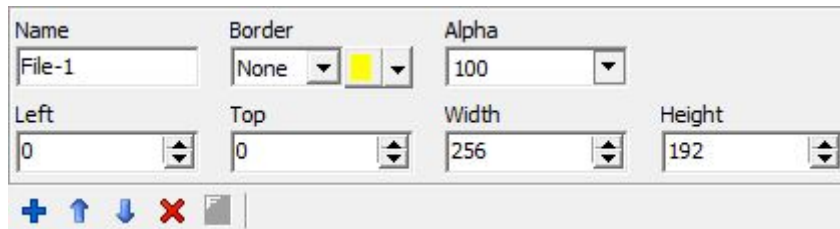
With below areas:

- File area: Can add or play video, graphic, text, txt, word, excel, ppt, flash, gif, etc.
- Video area: Can add or play all formats video files.
- Graphic area: Can add or play all formats graphics.
- Text area
- Subtitle area
- Time/Date area

- Database area
- Video export area: Can play outer video. Like camera, TV card, DVD, etc.
- Weather forecast area

2. Set file area attributes

All file areas have mutual attributes (Like picture 32).



Picture 32

- Name
- Border
- Color
- Alpha
- Left X
- Top Y
- Width
- Height
- Add
- Move up

- Move down
- Delete

4. Add Play content

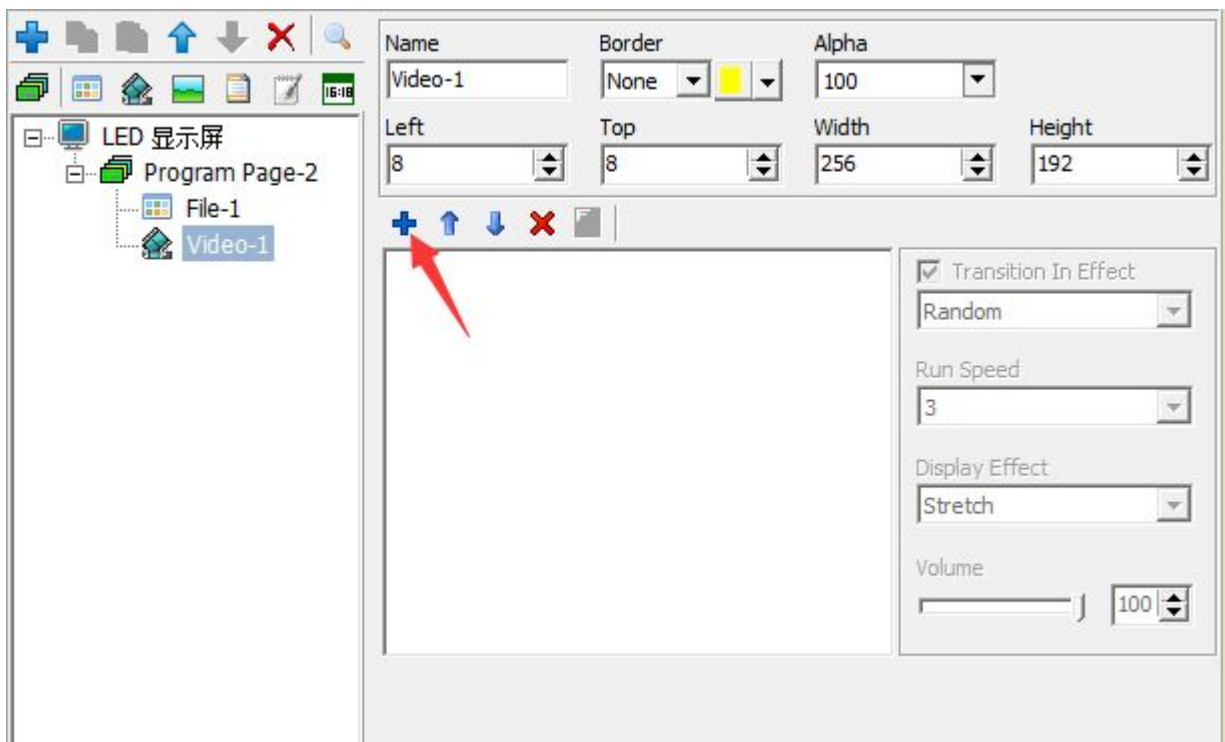
After adding file area, can add corresponding file as to play according to the types of file area. After adding, will show simultaneously in LED screen and play window. Meanwhile, users can add or modify program according to the display status of LED screen.

Chapter 5 Details of edit program

1. Video play

1. Add video

Establish one “file area” or “video area” . Click button **+**, as to add one or more video files. LedshowTV2015 software supports all video format, AVI/MPEG/ASF/WMV/RM...



Picture 33

2. Video attribute

Video attribute can modify the Transition in effect, run speed, display effect and volume.

- Transition in Effect: Random, Ever-changing, 3D Cube, 3D Door, Page Roll, Circle Stretch, Ripple, Wave, Radial Blur, Checkerboard, Drip, Alpha Blend, Expand, Wipe, Blinds, Circular, Slide, Push, Direct show.


- Run speed: the speed of Transition in Effect is from 1-5 grades, 1 grade is the fastest.

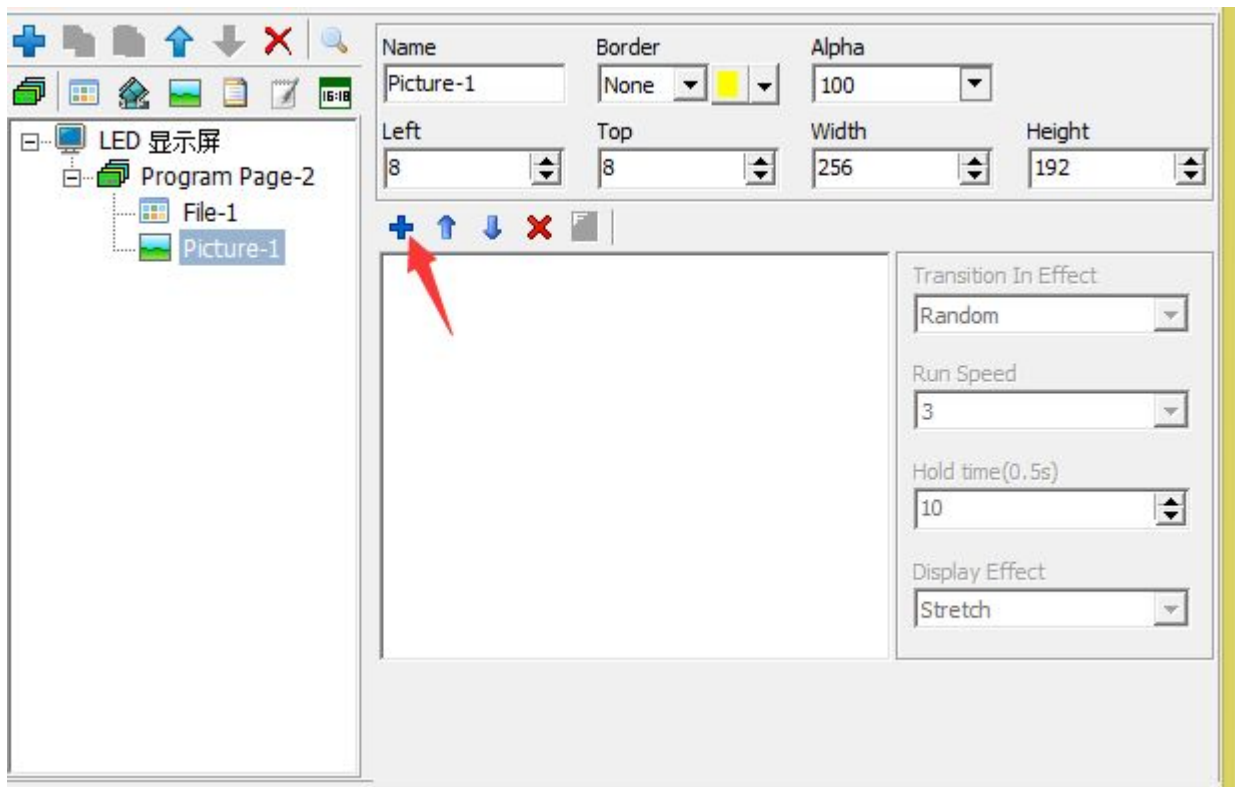
- Display effect: Stretch and Aspect.

- Volume: from 0-100.

2. Display Picture

1. Add picture

Add one "file area" or "picture" . Click , LedshowTV2015 supports all formats: BMP/JPG/PNG...



Picture 34

2. Picture Attributes

Picture attribute can modify the Transition in effect, run speed, hold time, display effect.

- Transition in Effect: Random, Ever-changing, 3D Cube, 3D Door, Page Roll, Circle Stretch, Ripple, Wave, Radial

Blur, Checkerboard, Drip, Alpha

Blend, Expand, Wipe, Blinds, Circular, Slide, Push, Direct show.



- Run speed: the speed of Transition in Effect is from 1-16 grades, 1 grade is the fastest.

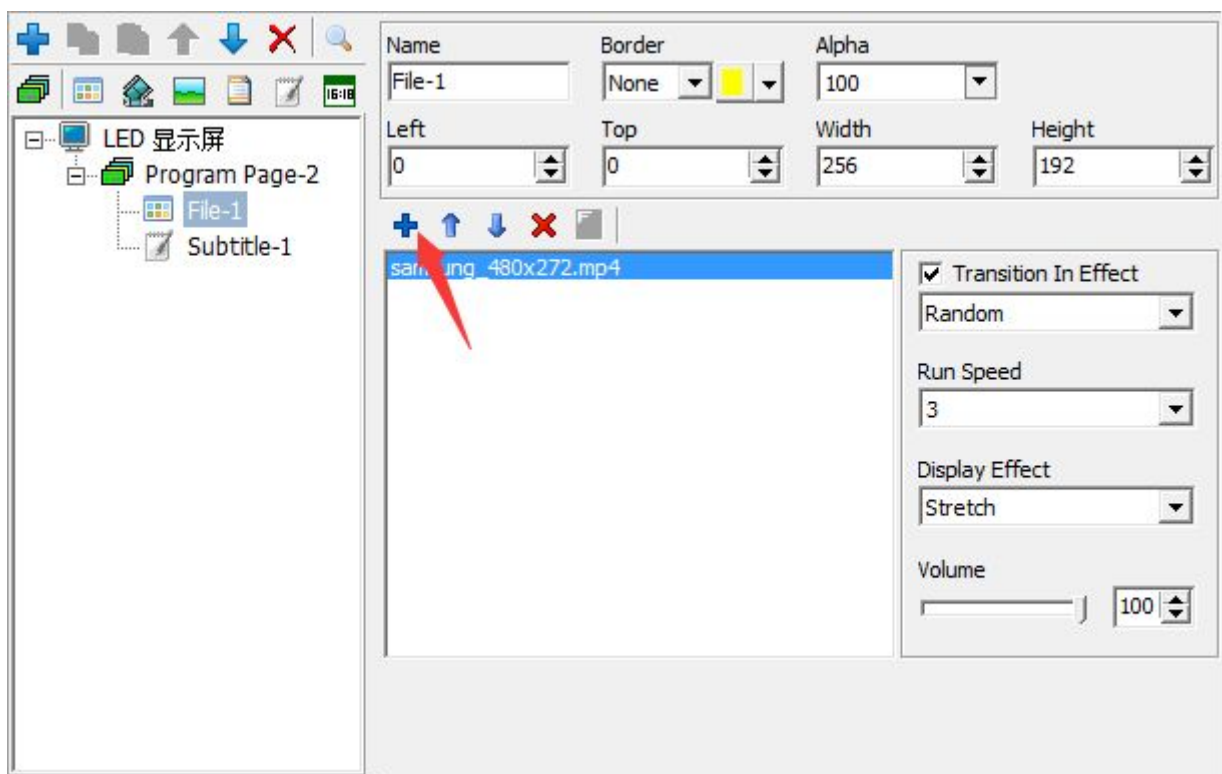
- Hold time: 1-5000 (0.5 seconds)

- Display effect: stretch, aspect and cut

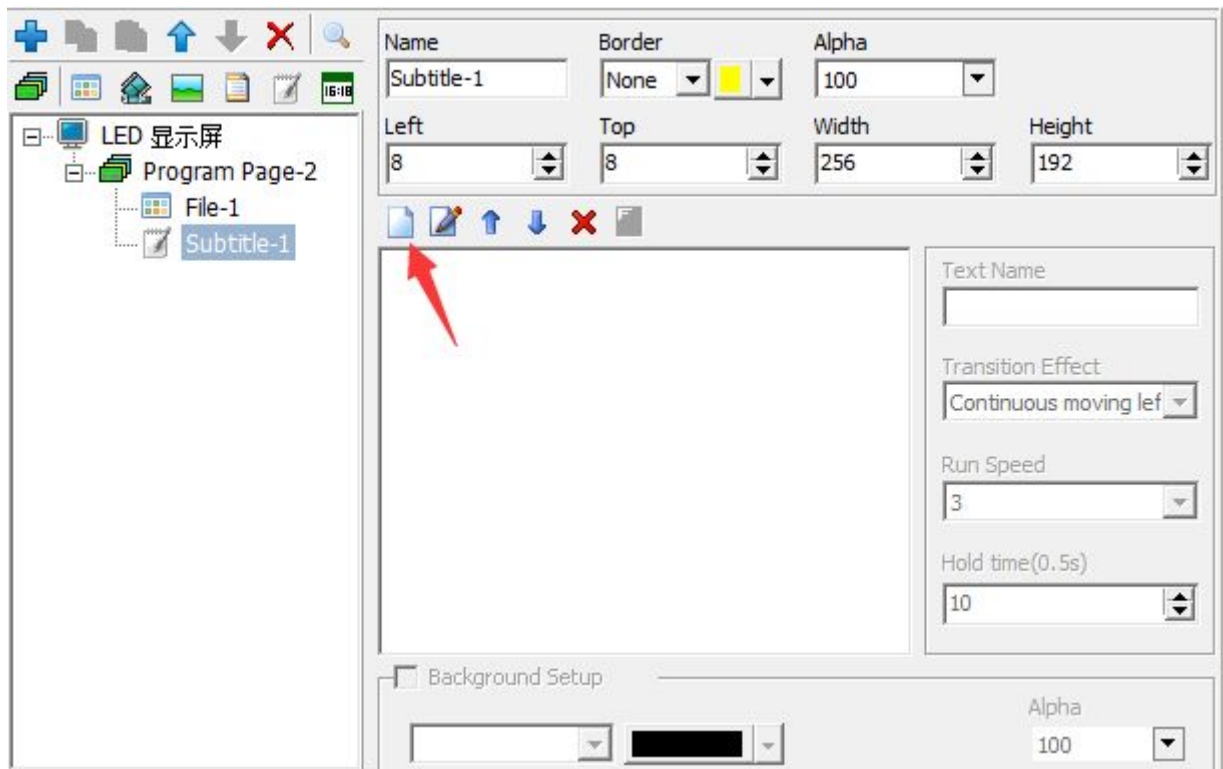
3. Display text

1. Display text in single line

Add one “file area” or “subtitle area” . Click ; Or click  open/add subtitle. Can set the background color, font, spacing ,etc. The text can be TXT file or typing directly. If it' s from TXT file, the content will be updated according to the changes in TXT file.





Picture 35

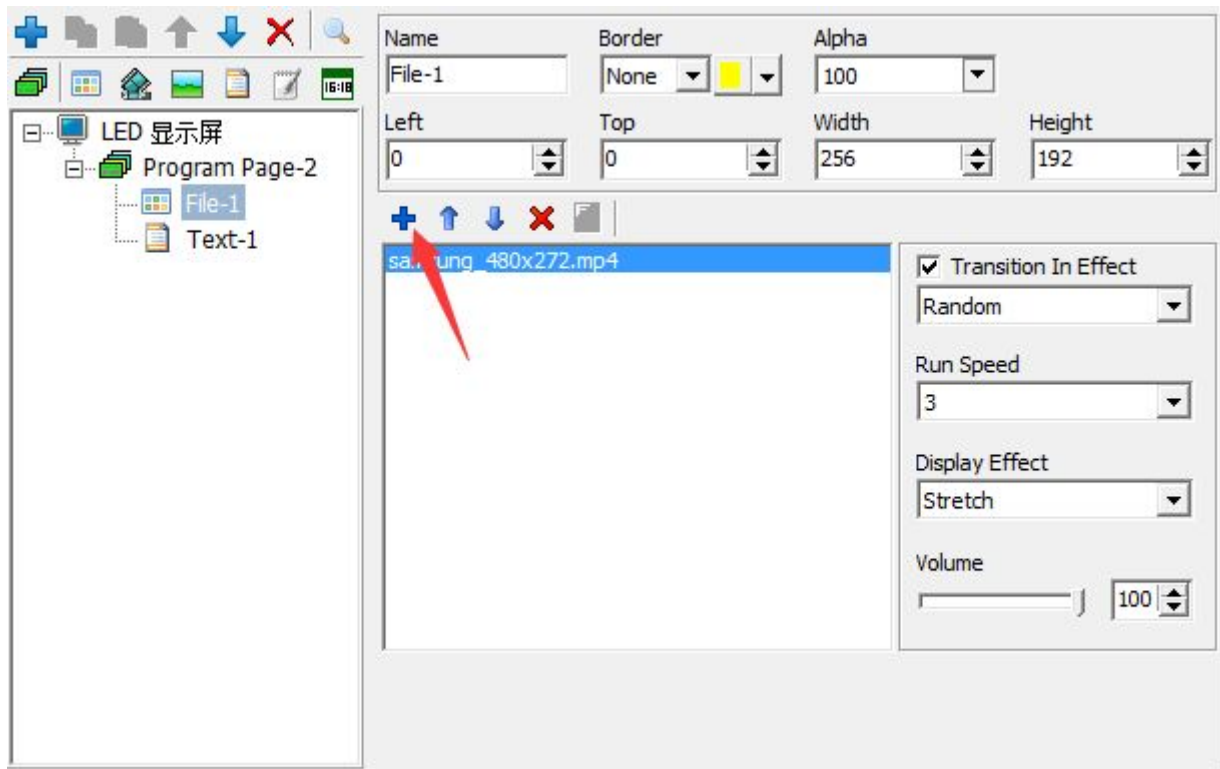


Picture 36

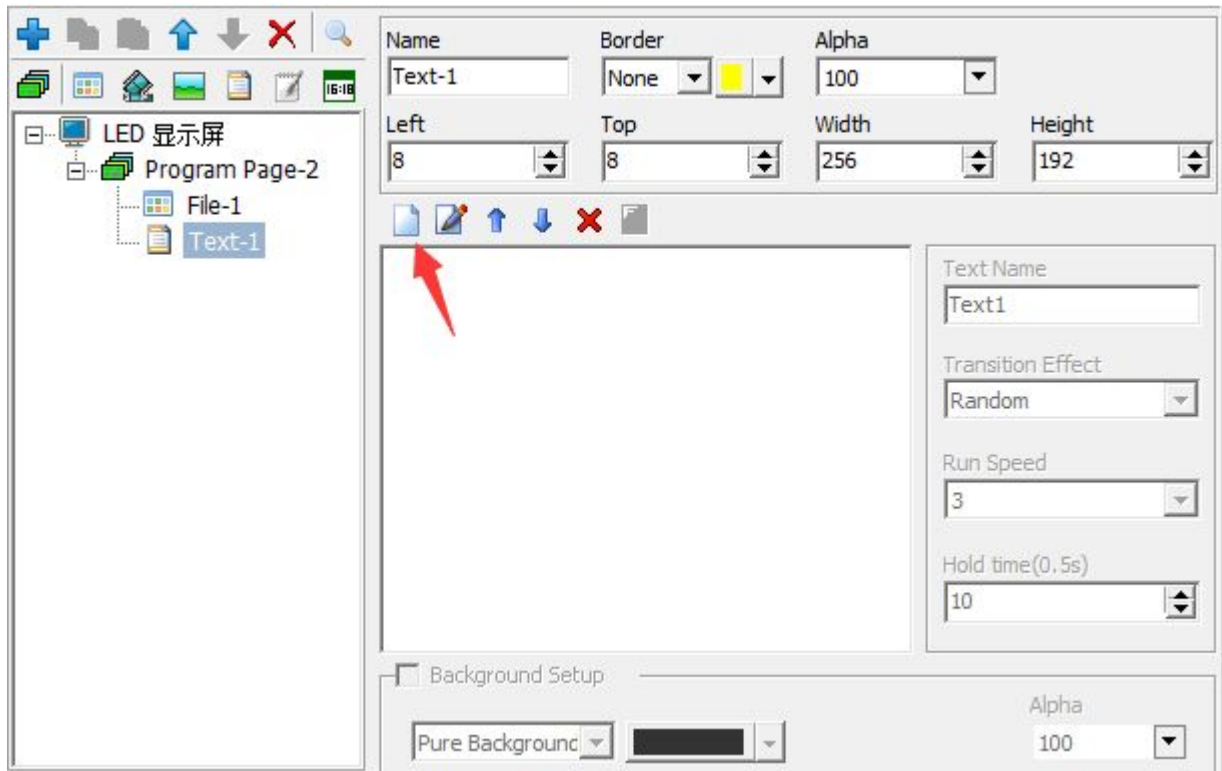
- File name: For users, as to distinguish the different names of subtitle, can be modified.
- Transition effect: Continuously move left, Continuously move right, Continuously move up, Continuously move down, Direct show.
- Run Speed: from 1-8 grades, 1 grade is the fastest.
- Hold time: can be set (0.5 seconds).
- Background: Color background or picture background, and also can be set transparently. Transparent value: 20%-100%, 100% value is not transparent.

2. Display text in multi-line

Add one "file area" or "subtitle area" . Click ; Or click  open/add subtitle. Can set the background color, font, spacing ,etc. The text can be TXT file or typing directly. If it' s from TXT file, the content will be updated according to the changes in TXT file.



Picture 37





Picture 38

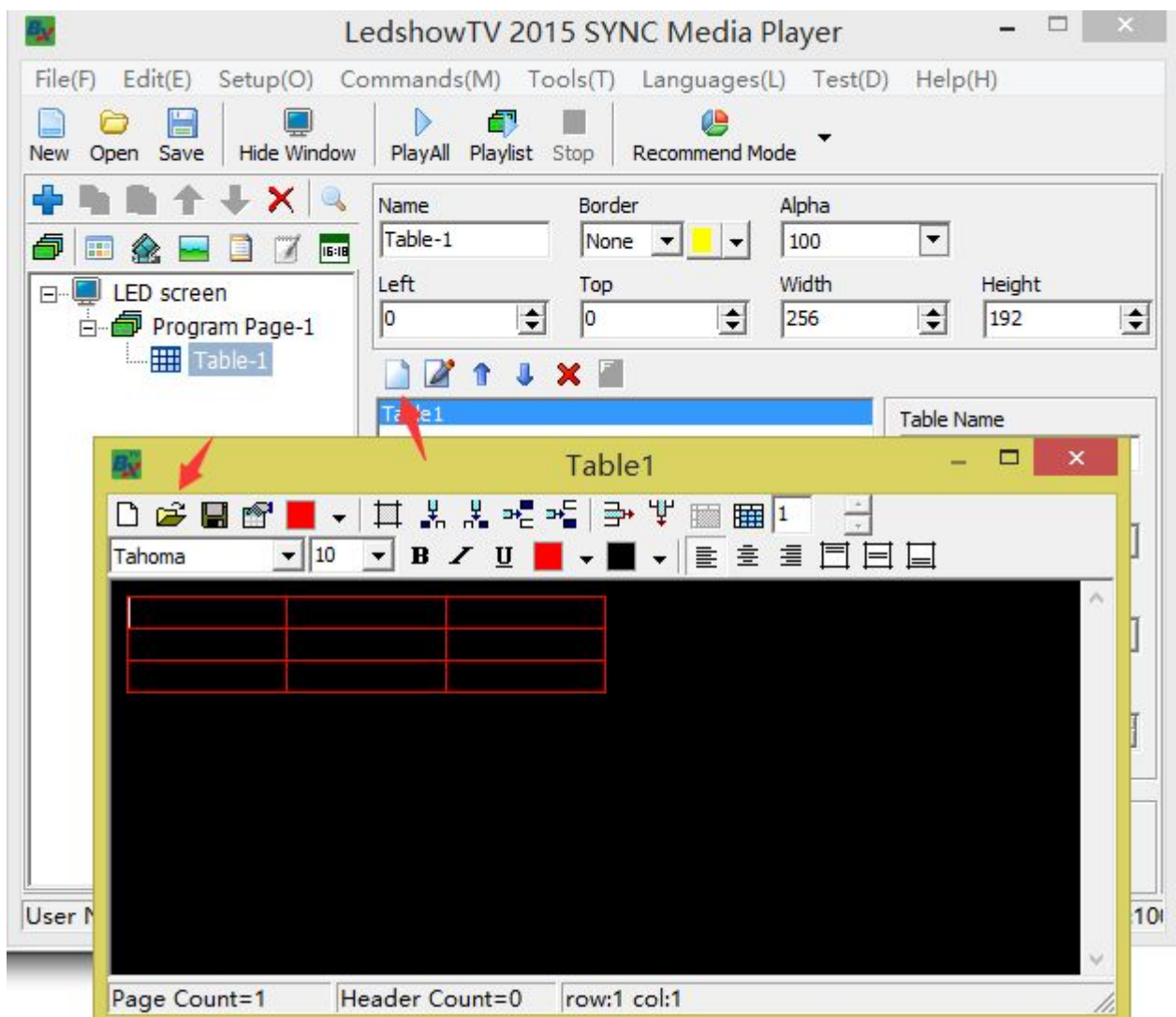
- File name: For users, as to distinguish the different file name, can be modified.
- Transition in Effect: Random, Ever-changing, 3D Cube, 3D Door, Page Roll, Circle Stretch, Ripple, Wave, Radial Blur, Checkerboard, Drip, Alpha Blend, Expand, Wipe, Blinds, Circular, Slide, Push, Direct show, Continuously move left, Continuously move right, Continuously move up, Continuously move down.
- Run speed: the speed of Transition in Effect is from 1-16 grades, 1 grade is the fastest.
- Hold time: 1-5000 (0.5 seconds)

- Background: Color background or picture background, and also can be set transparently. Transparent value: 20%-100%, 100% value is not transparent.

4. Display table

1. Add table

Add "table area" . Click  open/ add table. Edit on the table area directly or upload the excel file by click .



Picture 39

2. Table attribute

Table attribute can modify the table name, transition effect, run speed, hold time and background.

- Table name : For users, as to distinguish the different file name, can be modified.

- Transition in Effect: Random, Ever-changing,3D Cube, 3D Door, Page Roll,Circle Stretch,Ripple, Wave,Radial

Blur,Checkerboard,Drip,Alpha

Blend,Expand,Wipe,Blinds,Circular,Slide,Push,Direct show.

- Run speed: the speed of Transition in Effect is from 1-16 grades, 1 grade is the fastest.

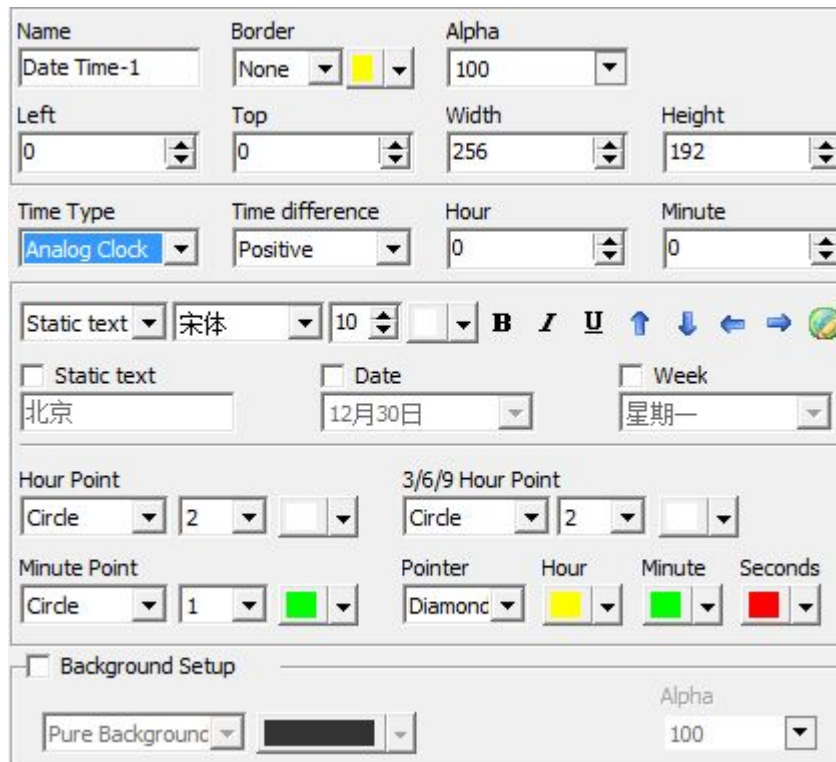
- Hold time: 1-5000 (0.5 seconds)

- Background: Color background or picture background, and also can be set transparently. Transparent value: 20%-100%, 100% value is not transparent.

5. Date/ Time display

1. Display clock

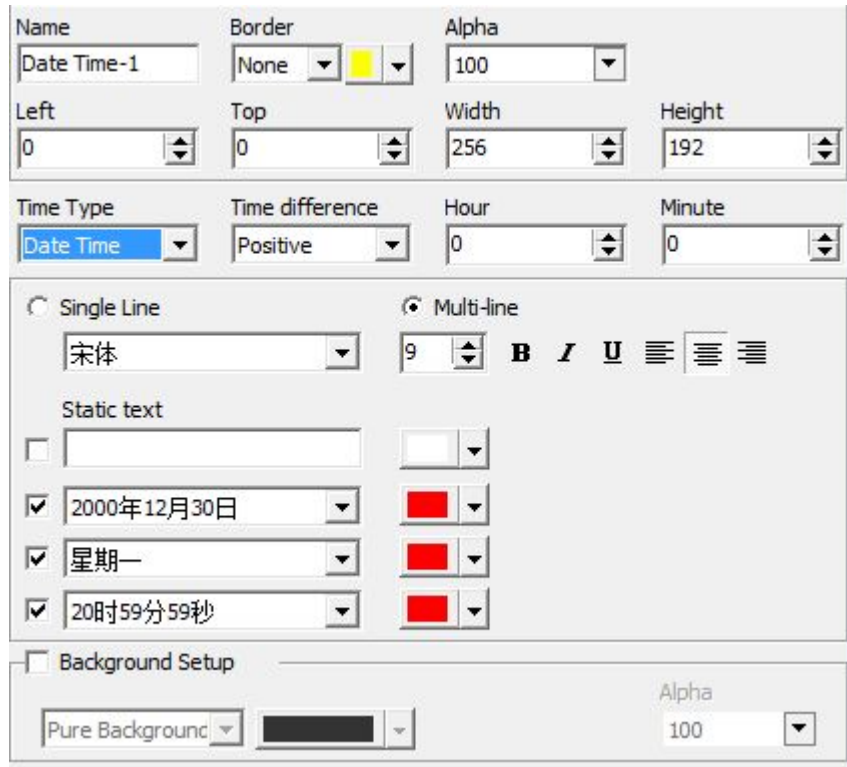
" Time type" , select "clock" . For clock, users can set the appearance of the clock, shape and color of the pointer, etc. Clock supports Time Difference. Support color and picture background, and the transparent value, from 20%-100%, 100% is not transparent.



Picture 40

2. Display date/time






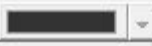
" Time type" , select "Date/Time" . For Date/Time, can set the font, font size, color of year, month, day, week, time. Date/Time supports Time Difference. Support color and picture background, and the transparent value, from 20%-100%, 100% is not transparent.



Picture 41

6. Display timer

Timer area attribute (Like picture 47). Can set the font, font size, Bold, italic, underline, color, etc; Target time. Timer supports Time Difference. Support color and picture background, and the transparent value, from 20%-100%, 100% is not transparent.

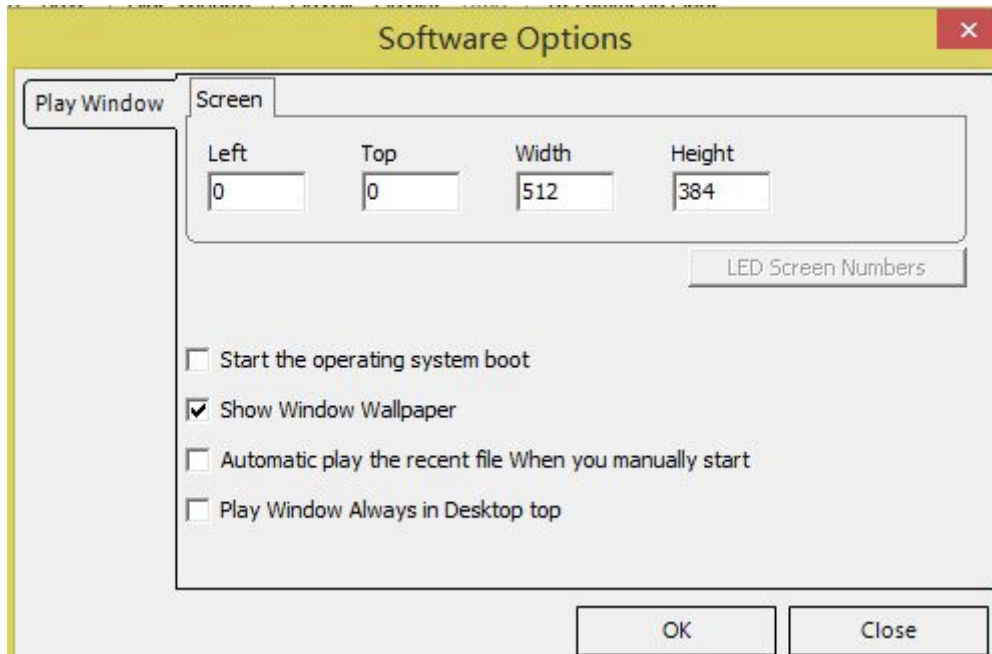
| | | | | | | | | |
|---|--|---|----------------------------------|----------|---|---|---|--|
| Name | Border | Alpha | | | | | | |
| Timer-1 | None  | 100 | | | | | | |
| Left | Top | Width | Height | | | | | |
| 8 | 8 | 256 | 192 | | | | | |
| <input type="radio"/> Single Line | | <input checked="" type="radio"/> Multi-line | | | | | | |
| 宋体 | 10 | B | <i>I</i> | <u>U</u> |  |  |  | |
| <input type="checkbox"/> Static Text | |  | | | | | | |
| Target Time | | 2020-01-01 01:01:01 | | | | | | |
| <input checked="" type="checkbox"/> Timing accumulate | <input checked="" type="checkbox"/> Timer Unit | <input type="checkbox"/> Timing zero | | | | | | |
| <input checked="" type="checkbox"/> Days | 天 | Auto | <input type="checkbox"/> Minutes | 分钟 | Auto | | | |
| <input type="checkbox"/> Hours | 小时 | Auto | <input type="checkbox"/> Seconds | 秒 | Auto | | | |
| <input type="checkbox"/> Background Setup | | Alpha | | | | | | |
| Pure Background | |  | 100 | | | | | |

Picture 42

- Count down
- Count up

Chapter 6 Software setting

All the settings of software, can also set the play position and size at the same time.



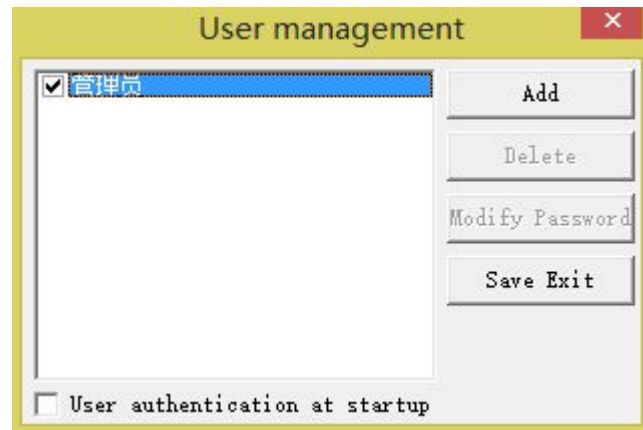
Picture 43

- Start software automatically when start the computer
- Show wallpaper: When you don't edit program, it will show Tri-color, or just black.
- It will display program when start the software: Will display the last save program.
- The display window will show on the top of the desk

Chapter 7 User management

It' s mainly for add manager and users, also to distribute the rights.

Click "set" --" user management" , enter into "user management" (Like picture 49).



Picture 44

1. User info

Name/passwords: account and passwords.

2. Rights

- Manager: can do all operations, and distribute the corresponding rights.
- User: Do all the operations of display.
- Limited user: Only write and display the programs which was edit.
- Start authentication of user: You need to log in when open the software.

Chapter 8 FAQ

Q: How to change the quantity, position and size of the display window?

A: "set" --" software set" , set the quantity, start line, start row, length of the row, height of the line.

Q: If there are some video files cannot be played, how can we handle ?

A: Please download the video decoder and install.

Q: If we want to display the program automatically when start the software, how can we do that?

A: Firstly save the edit program as "*.bx file" . Then select the "set" --" software set" --" play automatically when start the software" , "OK" .

Q: On Gigabit communication mode, how to display the desktop content?

A: "Tool" --" Gigabit screen shot " , cut the content which you want to display, click " start screen shot" .

Q: What should we do if we cannot find after starting the Gigabit screen shot ?

A: On the right side of the task bar, find " ⚡ " , right click "stop screen shot" or "exit" .