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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.





 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.

rogram Name			
Program-1			
Play Times	1 文 t		
Play Length	600 🗲 s		
Background Setup			
Gradient Backgrounc	Display Effectind Color	Gradient style	11 文
a <mark>ckground</mark> Music Volum	e		1
🗕 🗶 🏦 📖 💳		-   99 🚖	



 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.

Name	Border	Alpha	
Text-1	None 💌	▼ 100	•
Left	Тор	Width	Height
9	\$ 9	\$ 256	\$ 192
1	J 🗙 📶		
Text1		Т	ext Name
		1	Text1
		т	ransition Effect
		F	Random 💌
		R	un Speed
			3 🔹
			10
		1	
- Backgroun	d Setup		
Dura De dura			Alpha
Pure Backgr	ounc 💌	<u> </u>	100

Picture 4

# 3. Menu and Tool

# 1. Main menu

Bar		LedshowTV 2015 SYNC Media Player						×
File(F)	Edit(E)	Setup(O)	Commands(M)	Tools(T)	Languages(L)	Test(D)	Help(H)	

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.

	Version	×
Produc	t Information	
By	Name: LedshowTV 2015 SYNC Media Version: 1.5.2.9	Player
install (	Jpdate	
Memory	y Available to Windows: 3,597,180 KB	
Memory Window	y Available to Windows: 3,597,180 KB vs 8 64-bit	

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) .





### 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).

-	Error	Softw	are Option	S	×
Play Window	Left	Top 0	Width 512	Height 384	
				LED Screen	Numbers
	☐ Start the	operating systendow Wallpaper	em boot		
	C Automati	c play the recer dow Always in D	nt file When you r Desktop top	manually start	
				ок	Close

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).

	Paramete	rs Setting	
Send device configuration           Send device selection	Send device selection	C BX synchronous send card	
Receiver card connection			
Receiver card connection Scan configuration	31		
Receiver card connection Scan configuration Display parameter configuration	1		
Receiver card connection Scan configuration Display parameter configuration Parameters import/export			

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).

×		Pai	rameters	Setting				
Send device configuration Receiver card connection	Receiver card Port	connection	Complex of	onnection				
HH Receiver card connection	Right shift	Down shift	Col count	Row count	Reset		i티리t	u  tu  ut  ut
	序号:1 宽度:128 高度:96	序号:2 寛度:128 高度:96	序号:3 寛度:128 高度:96	序号:4 宽度:128 高度:96	序号:5 宽度:128 高度:96	序号:6 宽度:128 高度:96	序号:7 宽度:12 高度:96	No.
	序号:14 宽度:128 高度:96	序号:13 宽度:128 高度:96	序号:12 宽度:128 高度:96	序号:11 宽度:128 高度:96	序号:10 寛度:128 高度:96	序号:9 宽度:128 高度:96	序号:8 寛度:12 高度:96	Width
	序号:15 宽度:128 高度:96	序号:16 宽度:128 高度:96	序号:17 宽度:128 高度:96	序号:18 宽度:128 高度:96	序号:19 宽度:128 高度:96	序号:20 宽度:128 高度:96	序号:21 宽度:12 高度:96	Height
	序号:28 宽度:128 高度:96	序号:27 宽度:128 高度:96	序号:26 宽度:128 高度:96	序号:25 宽度:128 高度:96	序号:24 宽度:128 高度:96	序号:23 宽度:128 高度:96	序号:22 宽度:12 高度:96	Empty car
Scan configuration	席号:29	席号:30	席号:31	席号:32	席号:33	席号:34	席号:35 ▼	Output offset
Parameters import/export								
Firmware maintenance				Import conne	ection	Export conne	ection Sen	d to receiver car



 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).

#### Scan mode list

.

16.0 全彩16扫直行 4.0 全彩4扫8行8列折行(下Z型) 4.1 全彩4扫8行8列折行(上U型)

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	
白川必合	P10	T75	16*16	有	4.3	
汞州杉壳	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	<mark>32*16</mark>	有	4.1	
357411-564	P10	T75	16*16	无138	4.7	
深圳三彩	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	
	P10	T75	16*16	有	4.1	
深圳精英	P10	T75	16*16	有	4.6	
	P8	T75	16*16	有	4.1	
	P8	T75	40*20	有	其它(5.1)	
涂圳亚华尤	P10	T75	<mark>32*1</mark> 6	有	4.3	
	P10 V9.1	T75	<mark>16*16</mark>	有	4.0	
厦门强力	P10 V9.3	T75	16*16	无138	4.9	
	P8	T08	<mark>32*1</mark> 6	有	4.5	

Picture 19

Scan mode import/export 🔻	Smart scan	Set scan	Save to receiver card

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.

Smart se	etup wizard-1	×
Module width	Light <mark>board chip</mark> General chip 💌	Empty points
iscade direction (from eft	the front screen)	
ottom	C From bottom to top	
ust be the actual widt	h of the module, otherwise	e the display screen will
	Smart se Module width 16 牵 Iscade direction (from eft ottom	Smart setup wizard-1 Module width Light board chip 16   General chip Iscade direction (from the front screen) eft   From left to right ottom   From bottom to top ust be the actual width of the module, otherwise

Picture 21

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

<b>B</b>	Smart setup wizard-2	×
Screen changes		
<ul> <li>✓ Status auto to choose t</li> <li>✓ 1 ⊂ 2</li> </ul>	matically changes every 4 seconds will change in time, observe the LED module in the display he right answer	/ state
Display status	State 1 display black, state 2 display white	•
	Previous step Cancel	

#### Picture 22

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

<b>B</b> 2	Smart setup wizard-3	×
Screen change Status aut to choose 0 1 0 3 Display status	s omatically changes every 4 seconds will change in time, observe the LED module in the display si the right answer 2	tate
	Previous step Cancel	

Picture 23

Click "next" button, enter into "intelligent setting

guide-4" (Like Picture 24). Choose the display color according to the module.

<u>Be</u>	Smart setup wizard-4	×
Screen	changes atus automatically changes every 4 seconds will change in time, observe the LED module in the display choose the right answer	state
	Display status 1 Red	•
C 2	Display status 2 Green	⊡
C 3	Display status 3 Blue	⊡
C 4	Display status 4 Black	•
	Previous step Cancel	

#### Picture 24

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

2	Smar	t setup wizard	-5	×
Screen cha Screen ligh	nges ts up the number 16 🚔	ofrows		
	Previous step	Next step	Cancel	

Picture 25

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

Screen d	Smar	t setup wizard	I-6	
Screen lig	the number	ofrows		
	1 🗬			
	Previous step	Next step	Cancel	
		<u></u>		

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.

_	_															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		_		_												_
2		-		_		-		-		-		-				
				_		-										-
5		-				-						-				
6																
7		-						-								
8																
9																
10																
1																
12																
13																
4																
15																
6																



• 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.

Basic display parameters			information tips	
Display Mode	Shift dock	Duty ratio	Screen type	Full color real pixe
Recommended mode 💌	15.63 💌	50.0% 💌		
Gray scale	Refresh rate	Brightness	Gray scale	4096
4096 💌	692 Hz	76%	Refresh rate	692 Hz
Recommend mode: The mai visual refresh rate is lower t the better REC effect.Mear	n working mode for than REC mode, and while, with good gr	daily playing. The 🔺 d as to ensure aphic effect.	Cable order	From right to left
<u> </u>			Have 138 chip	With 138
Recommended Balance	ed performance	-	Data Polarity	Positive Reverse
C Custom		48 📥 ns	OE Polarity	Low Reverse
Gamma			Scan mode	1/16
One from gray		2.8 🚔	Card width	128
Restore default paramete	ers	Set	up Save	e to receiver card



• 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.

🔒 🖿 🖷 🛧 💵 🗙 🔍	
	Program Name
🗇 💷 🏤 🔤 🗋 🗭 📠	Program Page-2
□	<ul> <li>Play Times</li> <li>C Play Length</li> <li>600  ≤ s</li> </ul>
- Hogidin Hugo 2	Background Setup
	Display Effectind Color Gradient style
	Gradient Backgrounc 👻 📃 👻 📕 🛨
	Background Music Volume
	🕂 🗶 👔 🤳 📁 🗾 J 100 🚖
	J

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 There 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.





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).

Name	Border	Alpha			
File-1	None	• • 100	-		
Left	Тор	Width		Height	
0	0	\$ 256	<b>\$</b>	192	\$

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...

<ul> <li>▲</li> <li>▲</li></ul>	Name Picture-1 Left 8	Border None  Top 8	Alpha 100 💌 Width 256 🚖	Height 192
Picture-1			Transitio Randon Run Spe 3 Hold time 10 Display B Stretch	n In Effect ed e(0.5s) ffect

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

◆       ●       ◆       ▲       ●         ●       ●       ●       ●       ●       ●         ●       ●       ●       ●       ●       ●         ●       ●       ●       ●       ●       ●         ●       ●       ●       ●       ●       ●         ●       ●       ●       ●       ●       ●         ●       ●       ●       ●       ●       ●         ●       ●       ●       ●       ●       ●         ●       ●       ●       ●       ●       ●         ●       ●       ●       ●       ●       ●         ●       ●       ●       ●       ●       ●         ●       ●       ●       ●       ●       ●         ●       ●       ●       ●       ●       ●         ●       ●       ●       ●       ●       ●         ●       ●       ●       ●       ●       ●         ●       ●       ●       ●       ●       ●         ●       ●       ●       ●       ●       ●	Name Subtitle-1 Left 8	Border None  Top 8	Alpha 100 💌 Width 256 🚖	Height 192
Subtitle-1	Background Set	4 📶	Text N Transii Contir Run Sp 3 Hold ti 10	ame tion Effect nuous moving lef v beed veed vee(0.5s)
		- <u></u>		Alpha 100 💌

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 ca

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 **a** 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

◆       ●       ◆       ◆       ◆       ●	Name Text-1 Left 8	Border None Top 8	Alpha 100 Width 256	▼       Height       ↓       ↓       ↓
File-1		¥		Text Name Text1 Transition Effect Random Run Speed 3 Hold time(0,5s) 10
	Background Set	up		Alpha
	Pure Background			100

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 ca be set transparently. Transparent value: 20%-100%, 100% value is not transparent.

# 4. Display table

# 1. Add table

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

Open Save Hide	Window PlayAll Play	vlist Stop Recomme	nd Mode Alpha		
	Table-1	None 💌 📃	▼ 100	• •	eight
LED screen	e-1		256	1	92
Table-1	1	J 🗙 🗐		v	
	Ta al			Table Name	2
R 🖌	A	Table1		-	×
Tahoma		┅ॄ┉ॄ│⊒़ू∜थं ऻऻ ॻ <mark>॑</mark>		]	
Tahoma		»ౖ⊶ౖ∣≩•ৠा ॻ <mark>॒</mark> <b>॒</b>			<u>^</u>
Tahoma		»ౖ⊶ౖ∣≩•ৠा			^
Tahoma		»ॄ∾⊑│ <u></u> ≩•₩ ॻ <mark>॒</mark>		∃ 🗖	^
Tahoma		>_ >⊑   <u>}</u> ¥ ∭ U <mark>■</mark> ▼ ■ ▼   ≣			~
Tahoma					~

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 ca

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.

Name	Border	Alpha		
Date Time-1	None 💌	▼ 100		
Left	Тор	Width	Height	
0	0	\$ 256	\$ 192	\$
Time Type	Time difference	Hour	Minute	
Analog Clock 💌	Positive	▼ 0	0	\$
Hour Point		3/6/9 Hour Point		
Minute Point			∠ <u> </u>	Seconds
Circle 💽 1	• •			<b>_</b>
Background Se	tup		Aloha	
			Albi Ia	
Duro Radvarous	C		100	-

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.

Name	Border	Alpha	
Date Time-1	None 💌 🚽 🗸	100	•
Left	Тор	Width	Height
0	0	256	\$ 192
Time Type	Time difference	Hour	Minute
Date Time	Positive 💌	0	• • •
C Single Line	(	Multi-line	
宋体	-	9 💠 B Z	ॻॾॾॿ
Static text			
		-	
☑ 2000年12月	30日 💌	-	
☞ 星期一	-	-	
▼ 20时59分59	秒 🔽	-	
Background	Setup		
		1	Alpha
Pure Backgrou		]	100

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	- 11	
Timer-1	None 💌	▼ 100	<b>•</b>	
Left	Тор	Width	Heig	ht
8	\$ 8	256	\$ 192	<b>÷</b>
C Single Line		Multi-line		
宋体	▼ 10 <b>‡</b> B	I ∐ ≣ ≣ =		
Static Text				
			-	
Target Time				
2020-01-01 01:	01:01		-	
Timing accum	nulate 🔽 Tim	er Unit	Timing :	zero
▼ Days 天	Auto	Minut	tes 分钟	Auto 👻
Hours	时 Auto	Secon	nds 秒	Auto 💌
Background	Setup			
			Alpha	в
Dune De diner			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.

		Softw	are Option	s	×
Play Window	Screen Left	Top 0	Width 512	Height 384	
	☐ Start the ✓ Show Wir ☐ Automati ☐ Play Wind	operating syste ndow Wallpaper c play the recer dow Always in D	em boot ht file When you r Desktop top	LED Scru nanually start	een Numbers
				ОК	Close

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 authentification 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 " 𝒴", right click "stop screen shot" or "exit".