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1. The overview of the Product

The incorporate drive code board supports the picture playing, the music playing, the video playing, etc. It supports the input of within 1080p and the high clear input signal of WUXGA (Widescreen Ultra extended Graphics Array) (1920×1080@60HZ) .It has good output effects and can supply high clear video line-by-line. At the same time, it has powerful audio functions and it can supply the output power of 2×6W. It can save the energy and has the low consumption. The power consumption of the waiting time is less than 1w.

Support the USB copy; it can facilitate the user to update the files

Supported formats: MPG1\2\3\4/AVI/RM/RMVB/MP3/JPG

Support CF,SD,USB playing

Support rolling subtitles

Support logo display

Support machine timer switch 5 paragraphs a week; support switch machines

5 paragraphs a day

support the playing record

Support the file sort function: play successively according to the copy order

Support the listed files playing

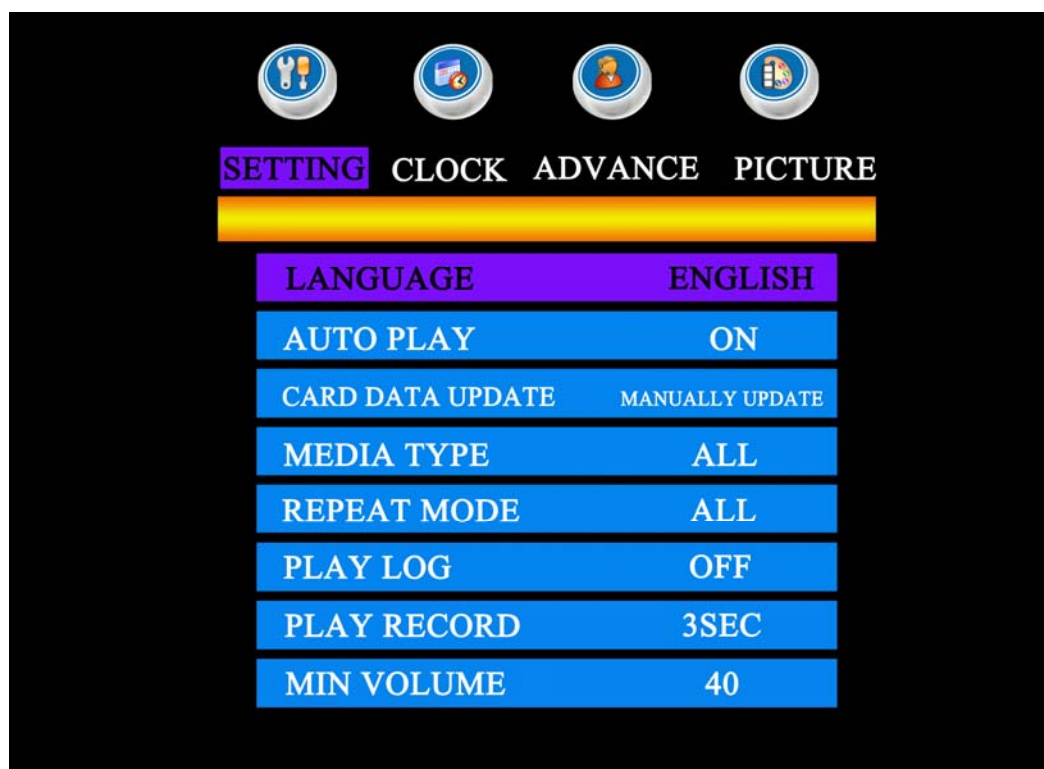
2. the introduction of functions

The main menu is divided into four options: the currency setting, the time setting, the high-level setting, and the display setting.

Note: To enter the home page menu, users first press the STOP button on the remote control, then press the SETUP. The UP, DOWN, LEFT and RIGHT button on the remote control can be used to regulate options.



2.1 The Currency setting



LANGUAGE

Chinese and English, etc. (the default, Chinese)

AUTO PLAY

Closed/open (the default, open)

CARD DATA UPDATE

Open / closed (the default, open)

MEDIA TYPE

All/video/picture/music (the default, all) , temporarily don't support the music

REPEAT MODE

Repeat all/single repeat/cancel repeat (the default, repeat all)

PLAY LOG

Open / closed (the default, Closed)

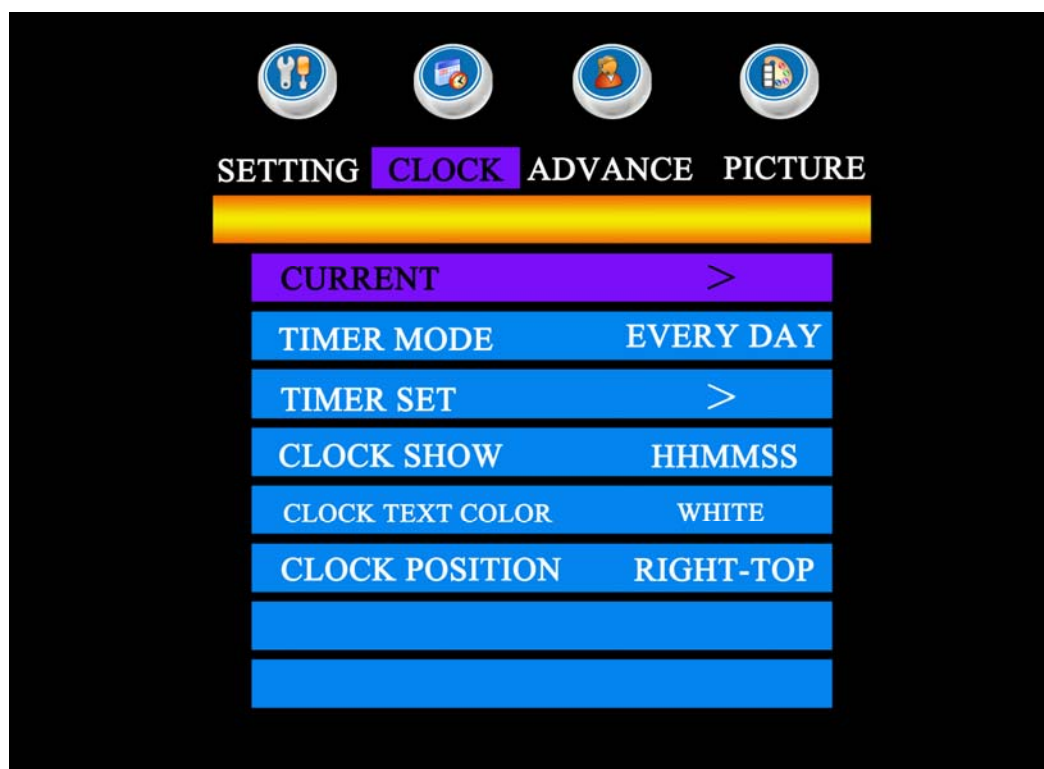
PLAY RECORD

OFF/3/5/8/10/15/20/25sec (the default, 3sec)

MIN VOLUME

0---100(the default, 40)

2.2 The time setting



CUUUENT(The Clock setting)

year/ month / day/ hours /minutes/seconds

TIMER MODE(Timing Mode)

Closed/day/every day/Monday to Friday /Monday to Saturday /Saturday to Sunday/Sunday (the default, closed)

TIMR SET(Timing Settings)

Timing 1 ~ timing 5

CLOCK SHOW(The clock display)

HHMM/HHMMSS/YYYYMMDD_HHMM/YYYYMMDD_HHMMSS/YYYYMMDD_W_H

HMM/closed(the default, HHMM)

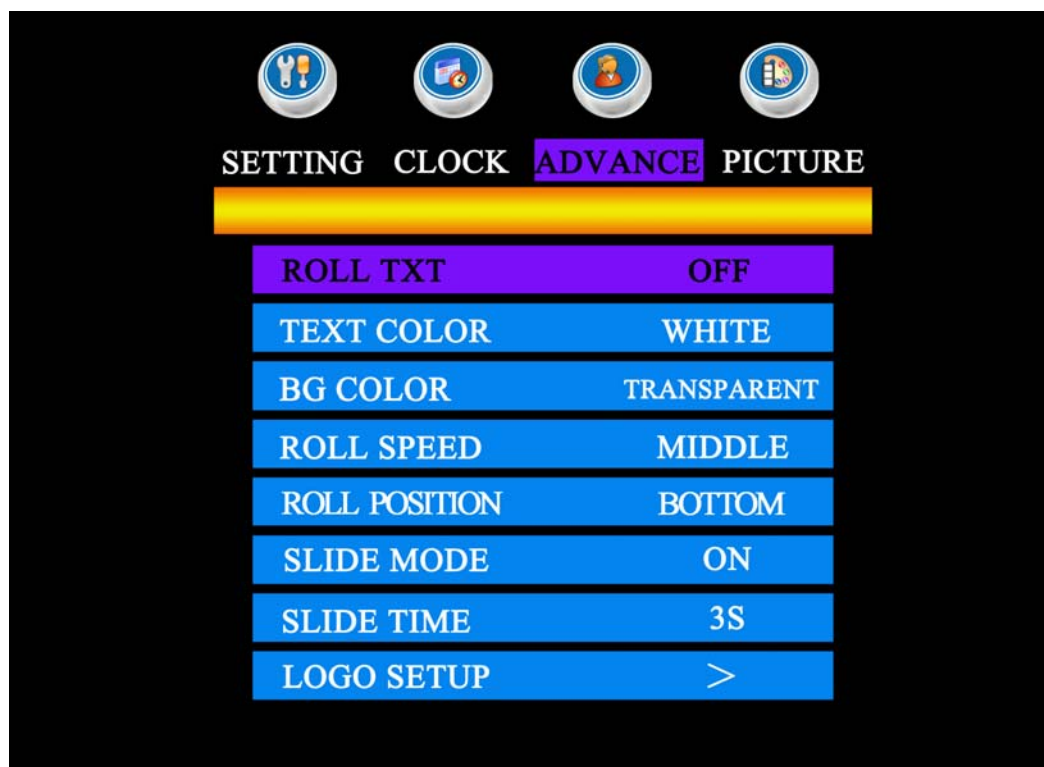
CLOCK TEXT COLOR(The clock font)

Yellow/white/black/red/blue / (the default, white)

CLOCK POSITION(The clock position)

Top right corner/top left corner (the default, top right corner)

2.3 The high-level setting



ROLL TXT(Rolling subtitles)

Open / closed (the default, Closed)

TEXT COLOR(Subtitle color)

White/black/red/blue/yellow (the default, white)

BG COLOR(Subtitles impression)

Transparent color/red/yellow/blue (the default, transparent color)

ROLL SPEED(Subtitles speed)

Slow/medium/fast (the default, medium)

ROLL POSITION(Subtitles position)

BOTTOM / TOP (the default, bottom)

SLIDE MODE

Open / closed (the default, Closed)

SLIDE TIME

3 seconds / 5 seconds / 8 seconds / 10 seconds / 15 seconds / 20 seconds / 25 seconds (the default, 3 seconds)

LOGO SETUP(SLIDE Mark setting)

Mark (Open / closed , the default, Closed)

Mark show time (3 seconds / 5 seconds / 8 seconds / 10 seconds / 15 seconds / 30 seconds / 60 seconds, the default, 3 seconds)

Mark disappear time (3 seconds / 5 seconds / 8 seconds / 10 seconds / 15 seconds / 30 seconds / 60 seconds, the default, 3 seconds)

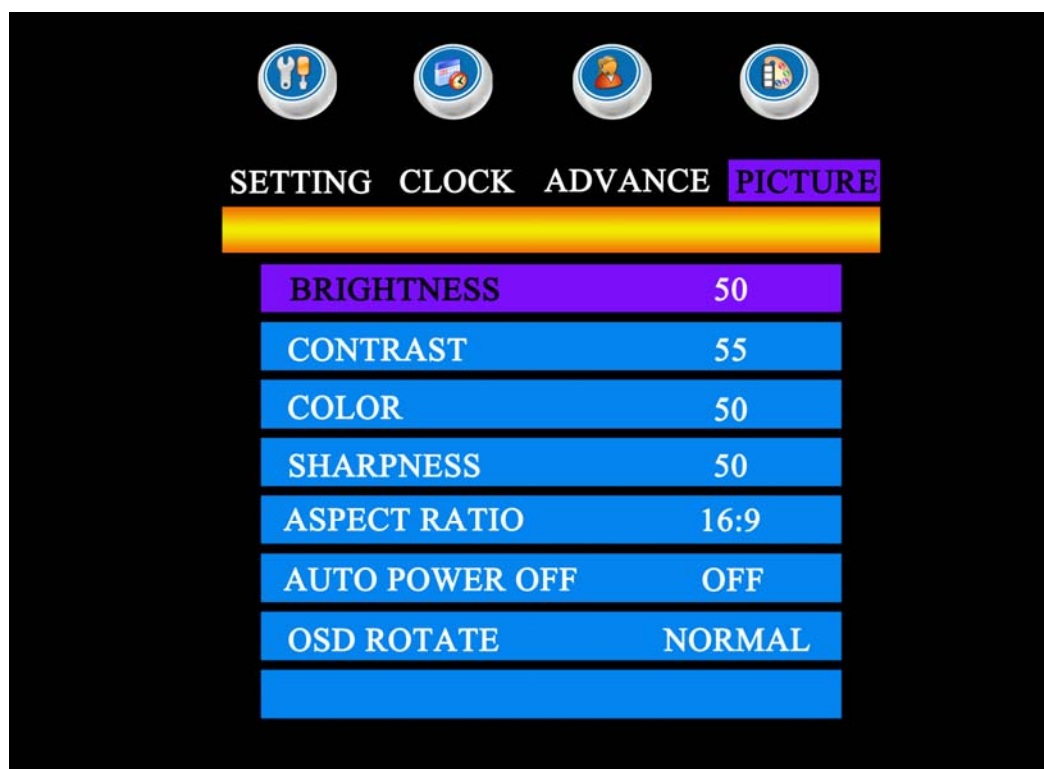
SET PASSWORD

Set menu encryption keys VOL-, VOL+, |◀◀, ▶▶|, ▶▶

KEY LOCK

Open / closed (the default, Closed)

2.4 The display setting



BRIGHTNESS

33 ~ 100 (the default, 50)

CONTRAST

33 ~ 100 (the default, 55)

COLOR(Chromaticity)

33 ~ 100 (the default, 50)

SHARPNESS(Definition)

33 ~ 100 (the default, 50)

ASPECT RATIO(Proportional mode)

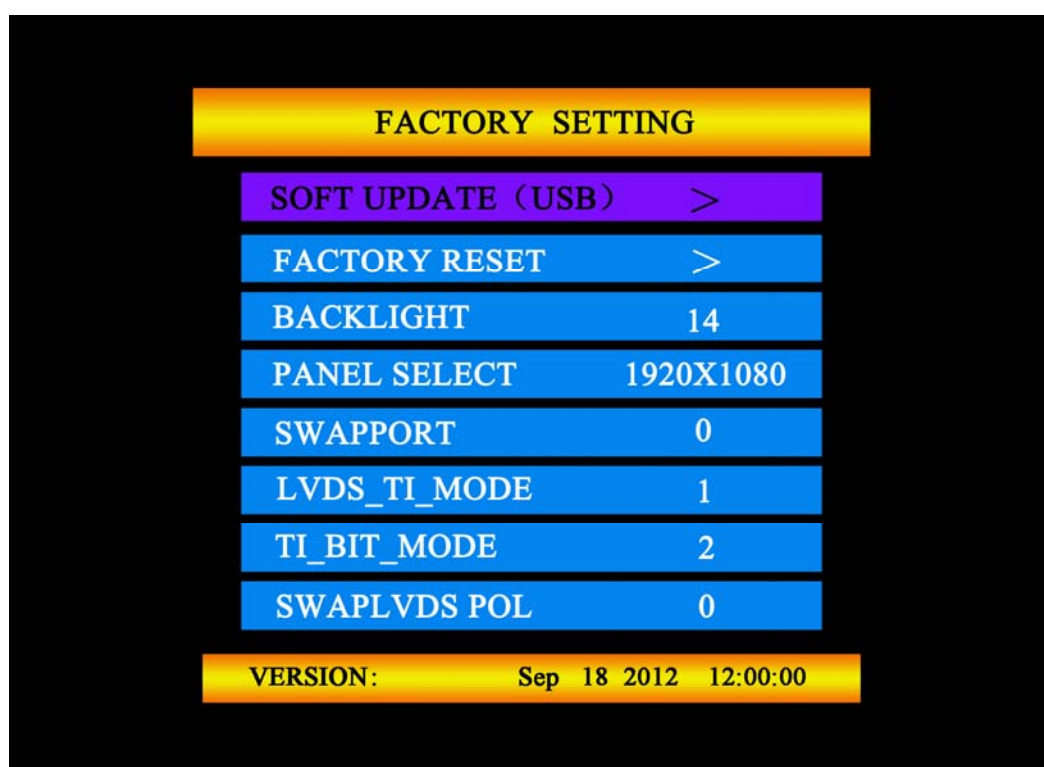
4:3 / 16:9/automatic (the default, 16:9)

AUTO POWER OFF(No card automatic standby)

Open / closed (the default, Closed)

OSD NORMAL(Menu rotating)

Normal / 90 ° / 180 ° (the default, normal)

2.5 factory setting

Note: must enter the menu, press the MUTE button on the remote control for more than 10 times.

SOFT UPDATE (USB)

The copy the upgrade file **MERGE.bin** to mobile U disk software upgrade

Warmth Tip: a shortcut upgrade (the upgrade file is copied to the U disk), press the STOP button on the remote control 10 times.

FACTORY RESET

Restore Default Settings

BACKLIGHT(Screen backlight)

Screen backlight brightness adjustment 0 to 40 (default 14)

PANEL SELECT(Screen resolution selection)

1024X768, 1280X1024, 1366X768,1440X900, 1680X1050,1920X1080
(default, 1920X1080; 1024X768, 1280X1024 is a separate software)

SWAP PORT

0/1, LVDS A/B(default, 0)

LVDS_TL_MODE

0/1, map1=0, map0=1(default, 1)

TI_BIT_MODE

0/2/3, LVDS 0-10bit, 2-8bit, 3-6bit(default, 2)

SWAPLVDS POL

0/1, LVDS D+/D-(默认, 0)

SWAPLVDS CH

0/1, D0 D1 D2 CLK D3 交换 D3 CLK D2 D1 D0(default, 0)

Note: the parameters of the debug screen configuration file by following the on-screen parameter modifications



as follows:

```
<?xml version="1.0" encoding="utf-8"?>
```

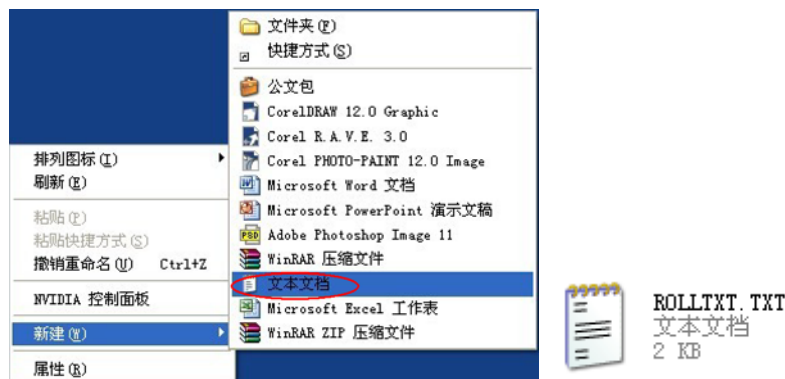
```

<MSCONFIG>
<PANEL_PARAM>
<RESOLUTION>1366X768</RESOLUTION> Screen Resolution
<SWAPPORT>0</SWAPPORT> LVDS A B Port switch
<LVDS_TI_MODE> 1</LVDS_TI_MODE> Screen data format map1=0, map0=1
<TI_BITMODE>2</TI_BITMODE> LVDS Data interface 0=10bit, 2=8bit, 3=6bit
<SWAPLVDS_POL>0</SWAPLVDS_POL> LVDS Parity D + / D-exchange
<SWAPLVDS_CH>0</SWAPLVDS_CH> D0 D1 D2 CLK D3 Exchange D3 CLK D2 D1 D0
<DITHER>0</DITHER> Clarity 0=8bit 1=6bit
<PDP10BIT>1</PDP10BIT> Screen 10bit=1,8bit=0
</PANEL_PARAM>
</MSCONFIG>

```

3.Rolling subtitles documentation

Create a new text document (named ScroolText. TXT), use the notepad to open.



When entering it, you write the subtitles needing to play, save as is encoded as ANSI, and then save the file by copying the file into the root directory of the memory card. (Note: The rolling subtitle column set by OPEN mode in the advanced setting items can have the effect)

4.Marker documentation

First, select the one you want as a JPG file of the logo (resolution size 120X60) named **CUSTLOGO.LOG**



CUSTLOGO.LOG
文本文档

Then save the file to the files are copied into the root directory of the memory card. (Note, again senior set in rolling set the bar open mode is set to be effective)

5.The Play record

When the playing record in the menu of the Currency setting is set to open, it will generate LOG. TXT file in the root directory of the memory card.



LOG. TXT
文本文档
19 KB

Use the notepad to open the file, and it will have the following introductions:

```
[Date:] 2001-1-2  
[Time:] 1:2:36  
[File Name:] 1920x1080.jpg  
[Status:] Succeed!  
[Date:] 2001-1-2  
[Time:] 1:2:38  
[File Name:] 1920x1080_01.jpg  
[Status:] Succeed!  
[Date:] 2001-1-2  
[Time:] 1:2:42  
[File Name:] 1920X1080_02.jpg  
[Status:] Succeed!  
.....
```

Date shows the playing date.

Time shows the playing Time

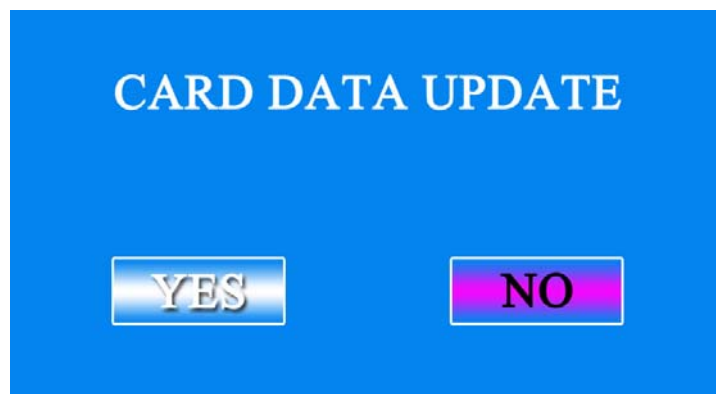
File Name shows the playing File

Status shows the playing state (Succeed means the success/Failure means the failure)

6. Automatic USB file updating

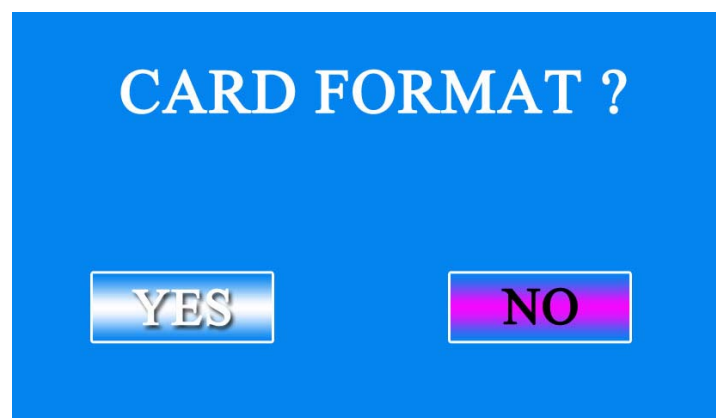
1 When the memory card, a USB port to plug in removable U disk U disk where the file can be played back.

2 when the memory card, plug in the mobile U disk, file stop playing the pop-up dialog box prompts whether to update the file.



Select "Yes" to the next dialog

Select "No" play memory card file



Select "Yes" to the memory card will delete all files, U disk files are copied to the memory card

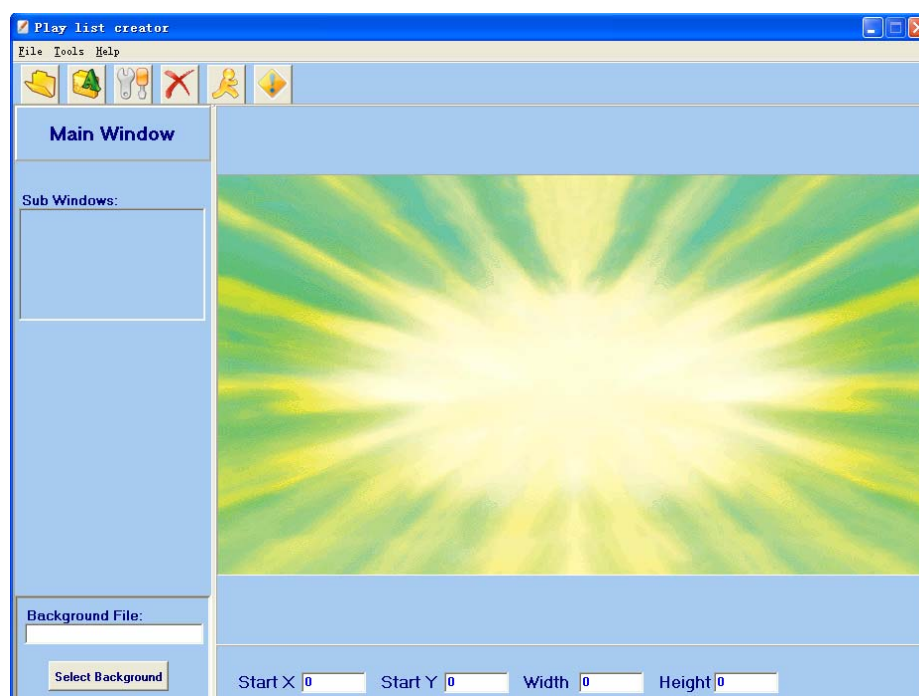
Select "No", will the memory card file updates, files that are not increased, the same file coverage

7 Playlist production

1、打开软件 PlayList6M_48.exe



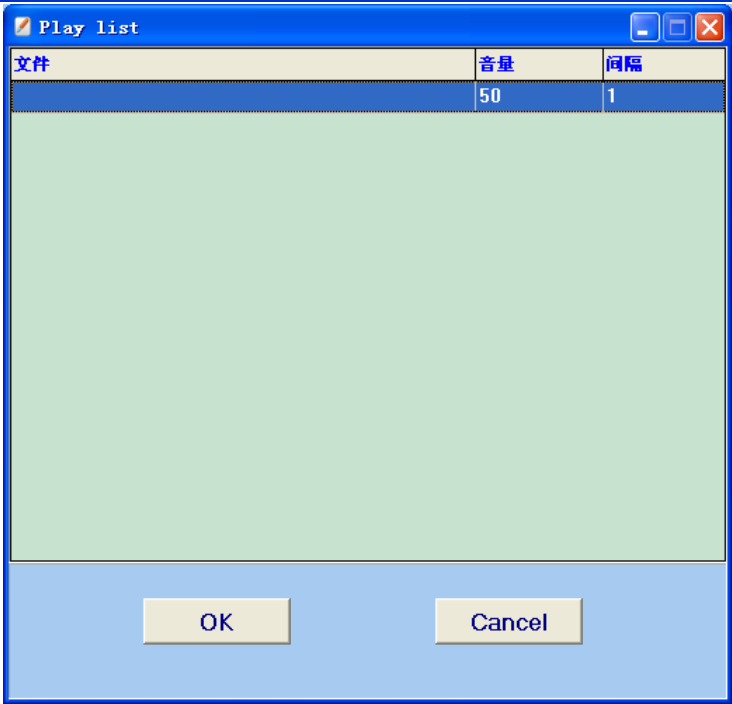
PlayList6M_48.exe



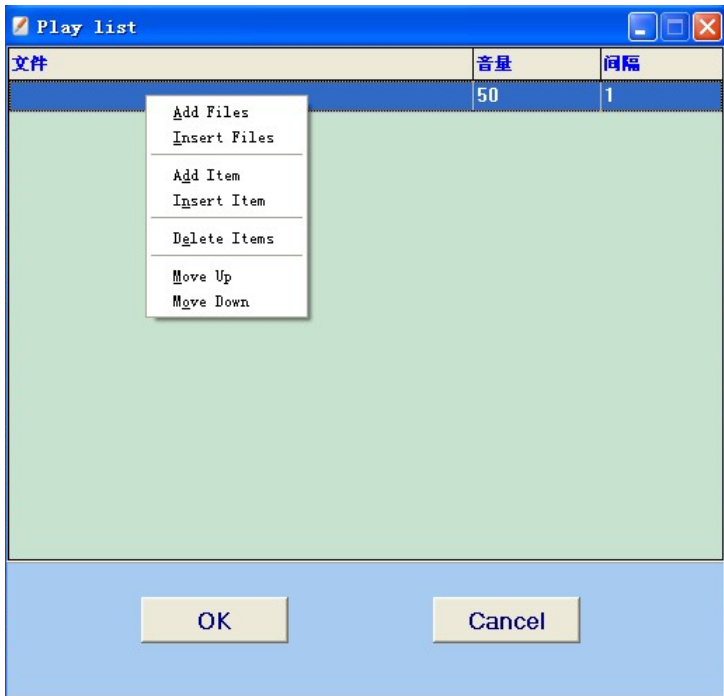
2、Mouse double-click

Main Window

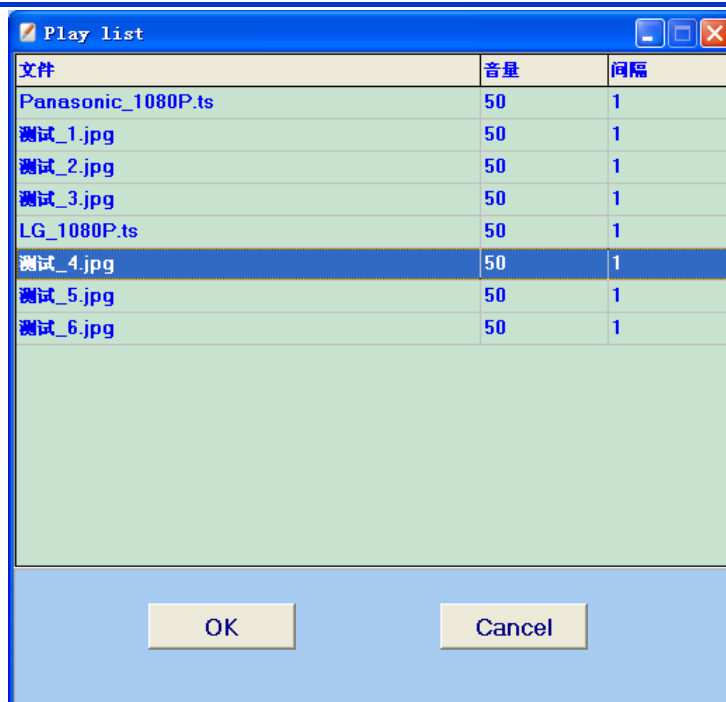
Will appear the following List



Hover your mouse cursor in the blue box, right-click Add to add single or multiple files



For example



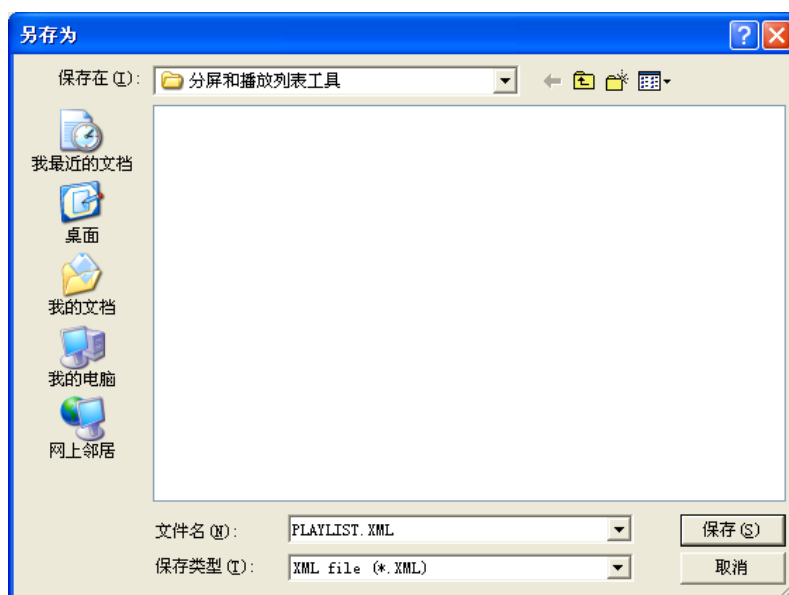
3、 Double click on the blue box to add a file

Volume =0~~99(default, 50)

Play interval =1~~99(default, 1)

Note: When the file is an image, the interval represents the residence time in the picture; interval represents the number of repetitions of the video when the file is a video.

4、 After setting, Mouse click  , Then click on  Select the path to save,



Save file name as PLAYLIST.XML, and then, together with the production of documents copied to Cary.

Appendix



Remote control

	The Power button, the switch control
	The Mute button, the voice switch control
	Video mode
	The time switch (temporarily invalid)
	Press the stop button, the cursor in the documents, press this key to delete the pop-up menu 
	To enter the main menu
	The exit button

	To move the cursor up, the picture will rotate to the upward when it plays.
	To move the cursor down, the picture will rotate to the downward when it plays.
	To move the cursor to the left, the picture will rotate to the left when it plays.
	To move the cursor to the right, the picture will rotate to the right when it plays.
	The confirm button
	The Volume increase
	The volume reduction
	The Properties button
	Play / pause
	Stop
	Fast forward, the continuous press can put on the speed.
	Fast backward, the continuous press can put on the speed.
	During the playing, press the key to enter the next song
	During the playing, press the key to enter the previous song

Decoding supported formats and scope

Support format	Video format	MPEG,MPG-1,MPG-2,MPG-4,AVI,MP4, DIV, TS, TRP, MKV, WMV, RM, RMVB,
	The picture format	JPEG、BMP
	The music format	MP3、WMA
	Document TXT	TXT
Video decoding support	The maximum resolution	1920*1080@60Hz
	Maximum color	24bit
	Maximum frame	30frm/s
	Maximum digital flow	USB2.0 device:20Mb/s
Audio decoding support	The sampling rate	32kHz,44.1kHz,48kHz,96kHz
	The bit rate	32kbps 到 384kbps