

HD

Advertising System

User Manual

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1. Product overview

The product designed for full HD advertising display, used is MSTV59XUS from MSTAR which chipset is most popular in TV, Digital Signage, Digital frame fields. Support multi-types panel connection methods like LVDS port, HDMI port(1920X1080p/60HZ, full HD),support 2x6W audio output. Support video and image display with 1080P display effective and lower,Support 90°,180°,270° menu adjustment. Support video and image with 180° adjustment,Support USB drive automatically copy mode (Between SD card and USB flash drive) ,encryption copy mode,selective copy mode,handoperation mode etc,very convenience for user change the advertising content and choose

Please note:DOLBY audio decoding is unavailable.

- ◆ DC voltage input:+12V,Adaptable to bus purpose such bad working environment. Low power consumption, high stability, high EFT.
- ◆ Working mode: Normal mode, standby mode
- ◆ Storage medium:USB2.0 is available.
- ◆ Support multi format:MP3/WMA/JPEG/MPEG4(AVI:Div-X / X-Vid)/MPEG2 (DVD:VOB/MPG2) /MPEG1 (VCD:DAT/MPG1) /MOV etc.
- ◆ Video standard:PAL/NTSC/automatic
- ◆ Video output:Support 1080P (Max. Resolution ratio is 1920*1080 Progressive) and 1080I (Max 1080i,Resolution ratio is 1920*1080 Interlace)
- ◆ Audio output: Dual channel stereo output 2X6W,SNR 85dB
- ◆ Repeat mode:Single repeat/Folder repeat/All repeat.
- ◆ OSD language:Chinese, English etc
- ◆ Remote control:Infrared remote control
- ◆ Time setting:Available
- ◆ Rolling Subtitle:Available
- ◆ Memory play:Available
- ◆ Real-time clock:Available
- ◆ Automatically copy:Some filename will be cover, different filename will be copy
- ◆ Button expand:Support additional button expand,support HDMI signal input
- ◆ Divide screen area setting: Available
- ◆ Playing in playing setting: Available
- ◆ Timer function:Power on or Power off system with user set time(MAX 5 group)

2.1 Basic setting

OSD language

Chinese & English (Default,Chinese)

Aspect ratio

16:9/4:3 (Default,16:9)

Automatic Play

Power Off/On (Default,On)

Repeat Mode

Full repeat/ single repeat (default,full



repeat)

Power down memory break point

Interval /5"/10"/20"/30" (default,off)

Music slide show

On/Off (default,off)

Time Setting

Clock: Year/Month/Date/Hour/Min/time display/Time display format

Timing:Timing mode(dayly/weekly) type of timer (5 time quantum in total)

Input source select

AV/VGA/HDMI/USB/SD

Factory setting

Restore to factory setting

2.2 Subtitle Setting

Rolling Subtitle

On/Off (default, on)

Font size

Small/big (default,small)

Frontground color

White/Black/Blue/Yellow/Green/Red

(default,White)

Background color

Blue/Yellow/Green/transparent/ White/Black

(Default,Blue)

Rolling speed

Low/middle/high (default,low)



2.3 Individuation Setting

Menu position

Normal/rotat 90°/rotat 180°/rotat 270°

(Default,Normal)

Mirror mode

On/Off (Default,Off)

Play log

On/Off (Default,Off)

Playlist

Off/EveryDay/EveryWeek/EveryMonth

/EveryYear (default,Off)

Picture play interval

3s/5s/10s/20s/30s (default,10s)

Picture transition mode

stochastic /Normal

/HORZtopL/HORZtopR/HORZbottL/HORZbottR/VERTtopL/

VERTtopR/VERTbottL/VERTbottR (Default, Stochastic)



Playing in playing interval

Off/3min/5min/10min/15min/20min (default,off)

Copy mode

Automatic formatting/covering copy (Default,Automatic formatting)

More

Motion sensor (Open/close Default,Off)

Induction delay (0~180second Default,20second)

2.4 Image setting**Image mode**

Standard/Movie/Power

saving/Personally>Showy (default,standard)

Brightness

0~100 (default,50)

Contrast

0~100 (default,50)

Color

0~100 (default,50)

Sharpness

0~100 (default,50)

Tint

0~100 (default,50)

Color temperature

Standard/Warm/User/Cool (default,Standard)

Advanced settings

Brightness (0~255 default,100)

DCR (on/off default,off)

High contrast (on/off default,on)

**3.Play log**

In the General Setting/Play record, set to get LOG.TXT file. Open the document, will find below config

1280X720.jpg	2013/05/23 12:03:17
08291.avi	2013/05/23 12:03:32
GDJAXSA.MPG	2013/05/23 12:04:01
34720_1.jpg	2013/05/23 12:05:23

XXXX.XX YY/YY/YY YY:YY:YY:YY:YY means content name, YY/YY/YY YY:YY:YY:YY means display time

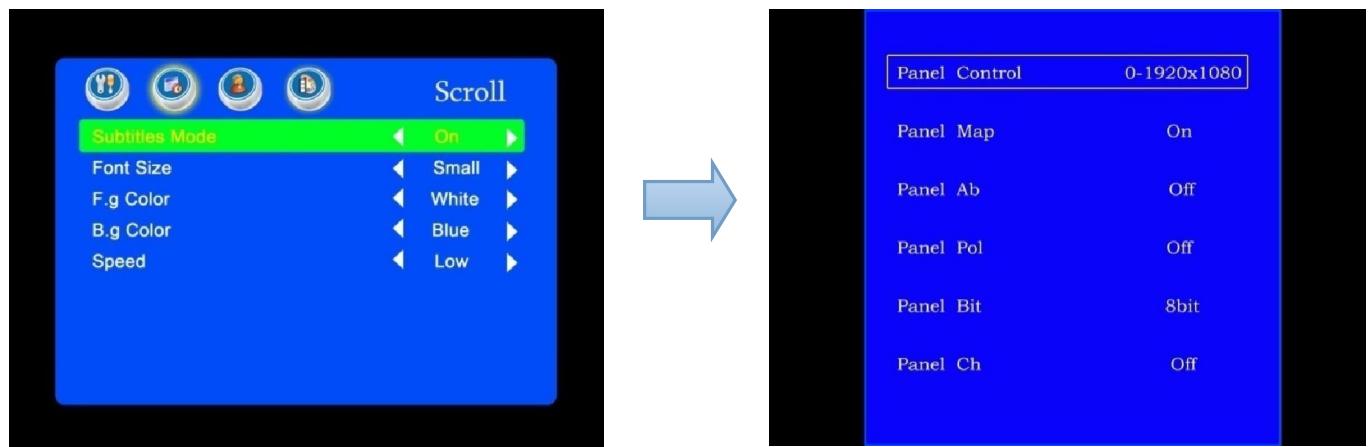
4.Rolling subtitles text file

Make a new file (Named to SCROLL.txt) ,open via note program.

Writ the text content and save as ANSI format,copy the file to SD card.

5.Resolution setting

During content display Font setting, press the Stop button will access the resolution setting page:



Panel Control ----- Resolution ratio

Panel Map ----- Screen date format Map0=ON Map1=OFF

Panel Ab ----- LVDS AB port exchange

Panel Pol ----- LVDS odd-even D+/D-exchange

Panel Bit ----- LVDS data connection,10bit, 8bit, 6bit

Panel Ch ----- LVDS data channel,two channel=OFF single channel=ON

Configuration files change the resolution

Make a new note file and rename it to panelCfg.txt, the content as below:

```
<PanelPara>
<PanelRes>1920x1080</PanelRes>      Resolution ratio
<PanelMap>1</PanelMap>      Map1=0,Map0=1
<PanelABSwap>0</PanelABSwap>    LVDS A B
<PanelPolSwap>0</PanelPolSwap>  LVDS D+/D-
<PanelBitMode>8</PanelBitMode>   LVDS 10=10bit, 8=8bit, 6=6bit
<PanelCHSwap>0</PanelCHSwap>
</PanelPara>
```

6.Playlist steps

Open the software PlayAssistant.exe

Steps

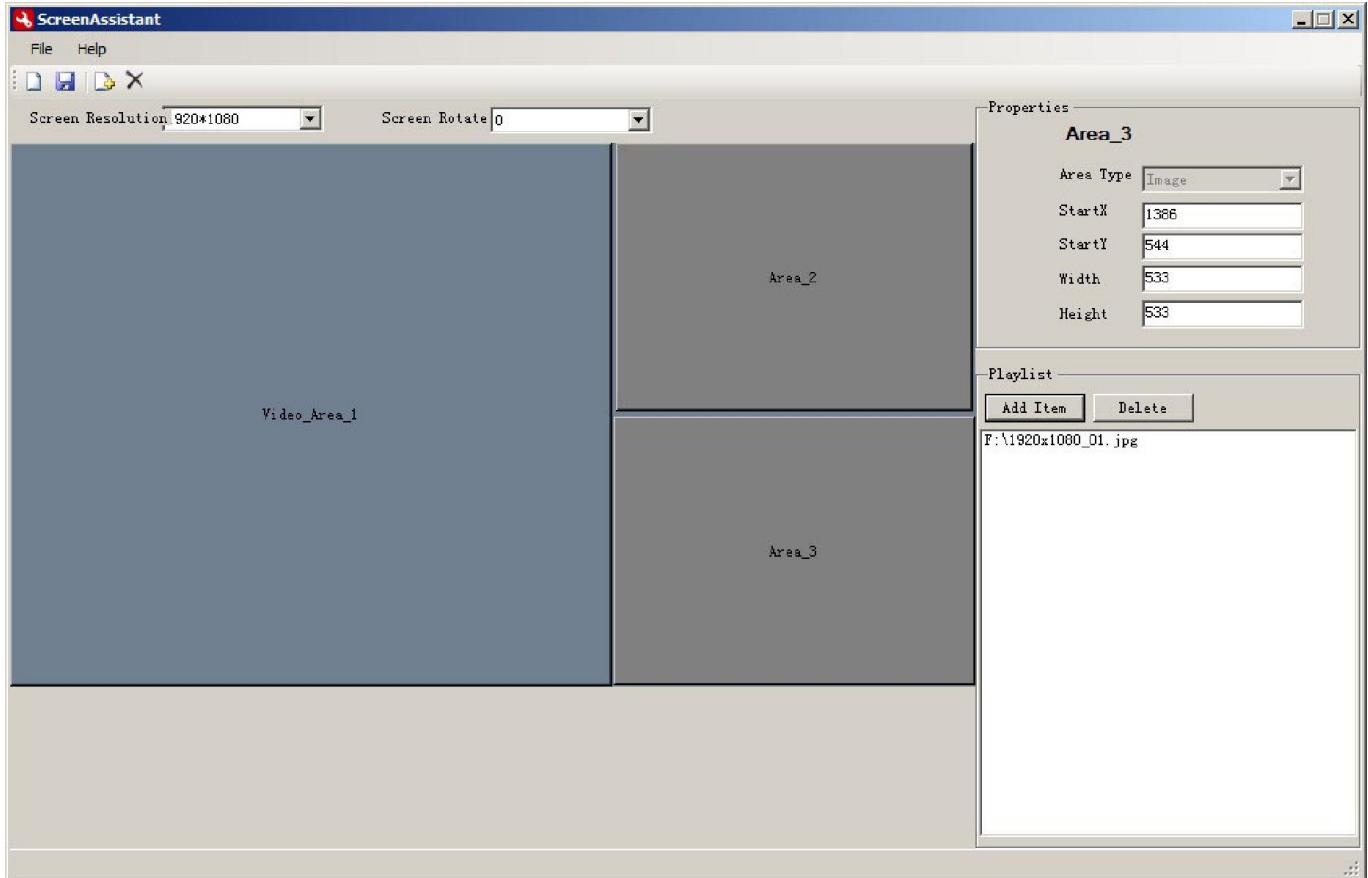
- 1> Make a new PLAYLIST.txt;
- 2> Choose the fifth option,add new playlist;
- 3> Choose button,to make new sub-playlist there;
- 4> Set the beginning time and end time via buttons ;
- 5> Add sub-files and set “play time/times to play/volume/image transition format”;
- 6> Get done all the settings and save the file as PLAYLIST.txt to the boot.

7. Divide screen area function

1 open the screen

2 select screen resolution

- 3 add video and image area, and to adjust the desired position
- 4 select the video or pictures, add the required video or pictures
- 5 save file (save will add video or picture, packed together. So the best choice forU disk or card path)
- A split screen documents required: the highest resolution 1440X900 image file size requirements below 250KB.



Split screen mode setting

- 1> will set the menu "split screen mode" open;
- 2> will split screen tool to generate the MWIN.txt file and add in split screen tool in the file in the root directory of the playing card

Tips: in settings menu "split screen mode" opened, need to restart the machine, set to take effect.

8. How to make playing in playing

Method One:Folder inter-cut (USB flash drive copy is unavailable)

Make a new file, name it to CAD01, copy to files to this folder, set the play time intervals on the menu, back to boot files once the folder files finished, **Please restart the machine once you finished the setting.**
Please note: Software support 9 folders in total (CAD01--CAD09) .

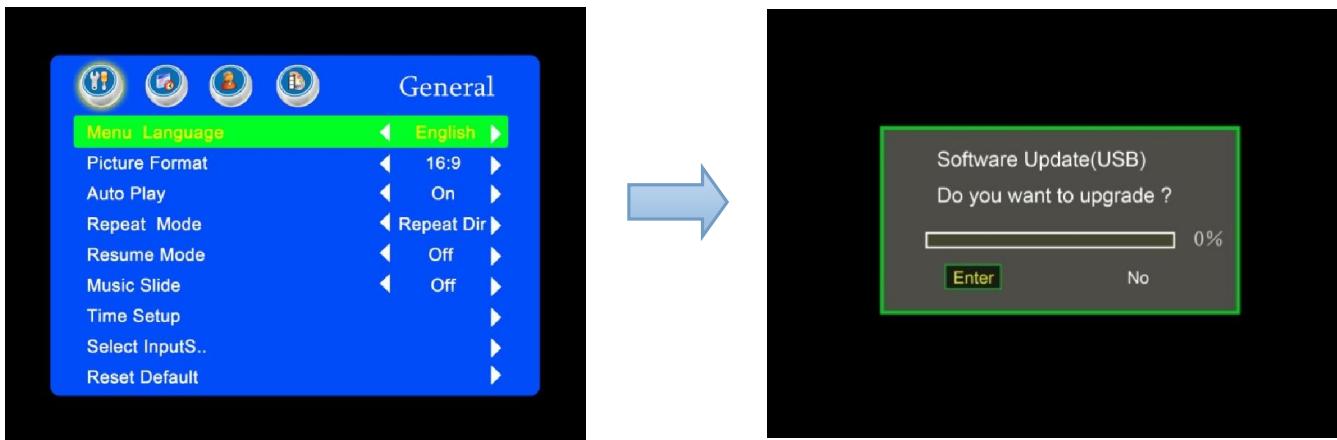
Method Two: File inter-cut (USB flash drive copy is available)

File inter-cut name: ADP01_XX.YYY,....., ADP09_XX.YYY (XX=01~09, YYY means name suffix) Support 9X9=81 files inter-cut, advertising content will play according to the files name.

Please note: You need to open the power off memory and restart the machine once you finished the setting.

9. Software upgrade

Copy the update files MERGE.bin to your USB flash drive's boot, please insert the update USB flash drive after system started, please click the buttons as Stop+SETUP+Stop, system will inform you if you need to update the system, please press Yes.



Quick upgrade method: Copy the update file MERGE.bin to the USB flash drive boot, insert the USB flash drive and restart, please wait for 2 minutes the system update will be finished.

Please note: Do not power off during the upgrade.

10.Guide of copy

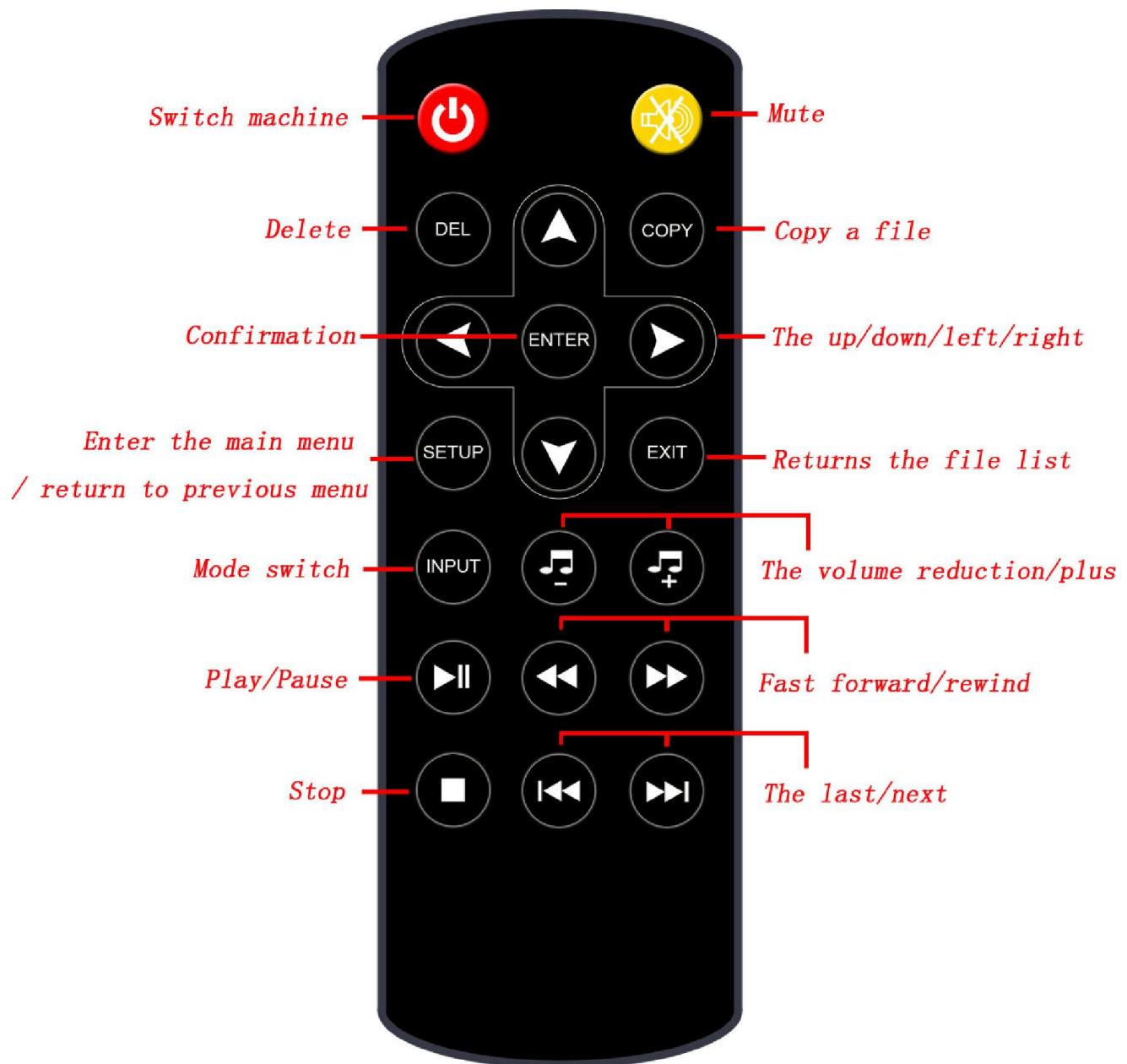
Copy the file "COPY.txt" to USB flash drive, if SD card exist in system, machine will turn to copy mode automatically, It will copy USB file to SD card.

1. Automatic formatting copy method: Choose this option, insert USB flash drive, will copy all the files from USB flash drive to SD card and delete all the old files in the SD card.

2. Cover copy: insert USB flash drive, will just copy the files which the SD card does not have, will not cover the same files.

3. Formatting choose copy method: insert the USB flash drive will delete all the files in the SD card, then copy the files from USB flash drive.

Attachment 1:remote control button



Attachment 2: Multi-media support format

Media	File extension	Codec		Remark
		Video codec	Audio codec	
Video	.avi	Xvid,MPEG-2,MPEG-4,Divx,H.264	MP3,WMA,AAC, MP2,PCM	Spec:1920X1080@30fps Bit Rate:20Mbps
	.mp4	MPEG-2,MPEG-4,Divx,H.264		
	.ts/.trp	MPEG-4, H.264		
	.mkv/.mov	MPEG-4, H.264		
	.mpg	MPEG-1, MPEG-2	MP2	Spec:1920X1080@30fps Bit rate:10Mbps
	.dat	MPEG-1		
	.vob	MPEG-2		
	.rm/.rmvb	RV8,RV9,RV10	COOK	
Audio	.mp3	--	MP3	Bit Rate: 32K-48KHz Bit Sampling:32K-320 Kbps
	.wma	--	WMA	Bit Rate: 8K-48KHz Bit Sampling:128K-320 Kbps
	.m4a/.aac	--	AAC	Bit Rate: 8K-48KHz Bit Sampling:128K-442Kbps
Image	.jpg/.jpeg	Progressive JPEG		Resolution:1024X768
		Baseline JPEG		Resolution: Resolution:15360X8640
	.bmp	--		Resolution:9600X6400
	.png	Non-Interlace		Resolution:9600X6400
		Interlaced		Resolution:1200X800

Note: not Dolby DOLBY audio codec support

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