

Goodview

User Manual

Digital Signage Menu Board

M*****



Please read the instructions carefully before using the product.

1> Connect the power cord correctly and use a properly grounded electrical outlet.

2> Do not change or replace any components without authorization.

3> Do not use two-core plug, ensure the power supply is AC100-240V, 50/60Hz.

4> There are AC 220V high voltage parts inside the machine. Do not open the shell without authorization.

5> Please keep the machine away from any heat sources such as electric radiators or direct sunlight.

6> Place the display in a stable and well-ventilated place.

7> Please unplug the power supply in the following occasions.

A. When removing or reassembling any parts.

B. In rainy days or in humid environment.

C. Disconnect or reconnect any electrical plug to the device.

8> Do not attempt to repair this product yourself!

**Improperly disassembly of the product may
invalidate the warranty and lead to possible danger!**

9> Keep the machine away from any chemical reagent.

10 > Please do not disassemble the antenna, otherwise the machine will not work properly.

NOTICE:

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTICE:

Changes or modifications made to this equipment not expressly approved by (Shanghai Goodview Electronics Technology Co., Ltd.) may void the FCC authorization to operate this equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiofrequency radiation exposure Information:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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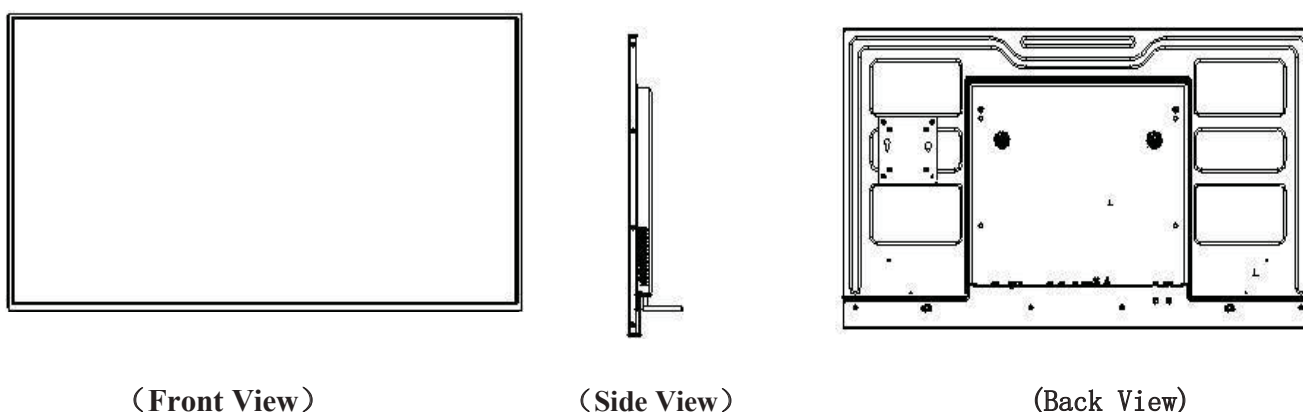
I. Overview

1.1 Brief Introduction

Digital signage adopts LG original IPS commercial panel, 450 cd/m², the wider color range and high restoration showing professional image quality in any lighting environment. Anti-spot tech ensures a long-term well performance without black spot. Built-in GTV publishing system makes multi-terminals remote control comes true. The intelligent power on & off function save more cost for you. Reliable and high compatibility, the product is widely applied in shopping malls, supermarkets, commercial chains, convenience stores, restaurants and so on.

1.2 Product Structure

Schematic drawing and external port: M43SAQ



01. AC IN

02.AC Switch

03.LAN

04.HDMI

05.VGA

06.AUDIO IN

07.USB

08.USB

09.WIFI

II. Installation

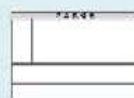
2.1 Machine unboxing

Due to the large size and heavy weight, we suggest at least two people in handling. Since the display panel is fragile and easily scratched, please handle it gently. Do not place the product face down without a protective pad. After unpacking, check that the carton contains the following items:

Panel*1



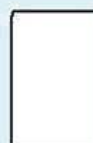
Warranty card*1



Power cord*1



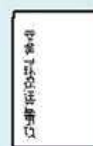
Quick start guide*1



Remote control*1



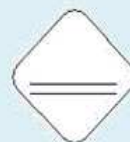
Safety and environment
protection considerations *1



AAA battery*2



Certificate*1



WIFI antenna



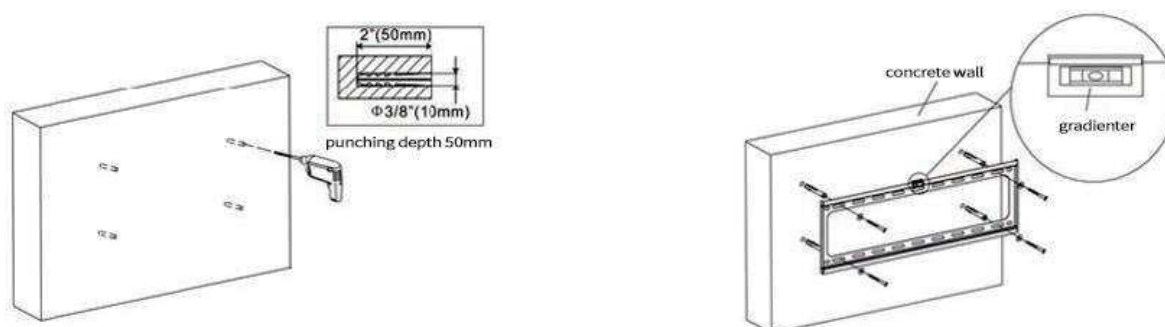
2.2 Installation Guide

The manufacturer shall not be liable for installation by non-professionals. To avoid shortening the service life of electronic components, do not install in a humid environment such as kitchen, bathroom, and etc. Please save the packing cases for future transportation.

2.2.1. Wall mount

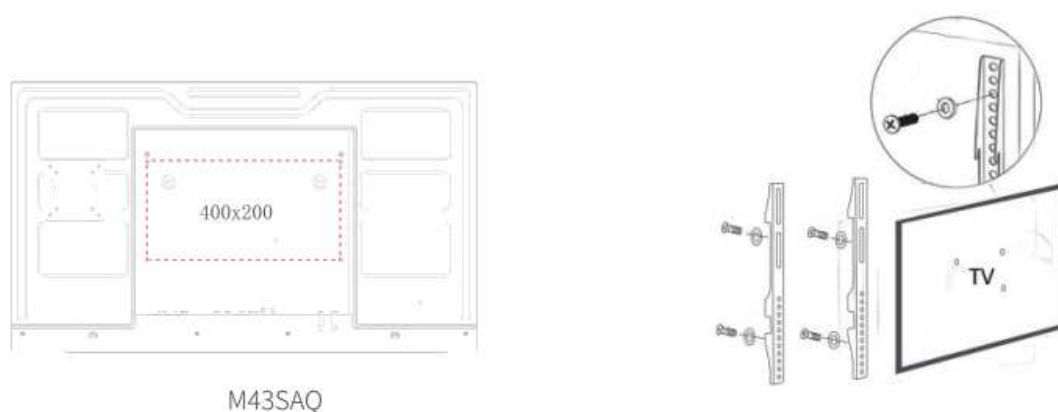
Step 1

Select the appropriate location on the wall, determine the installation hole and install the hanging board on the wall (in the use of hanging board on the wooden wall, make sure that the thickness of the wooden wall is at least 3 cm, bearing weight is 100 kg)



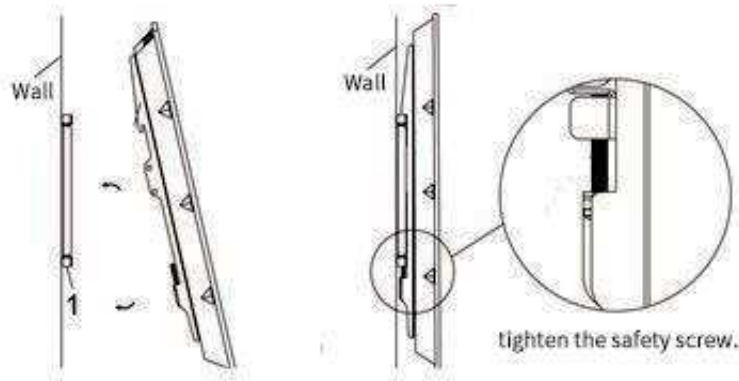
Step 2

Fix the hook at the back of the machine.



Step 3

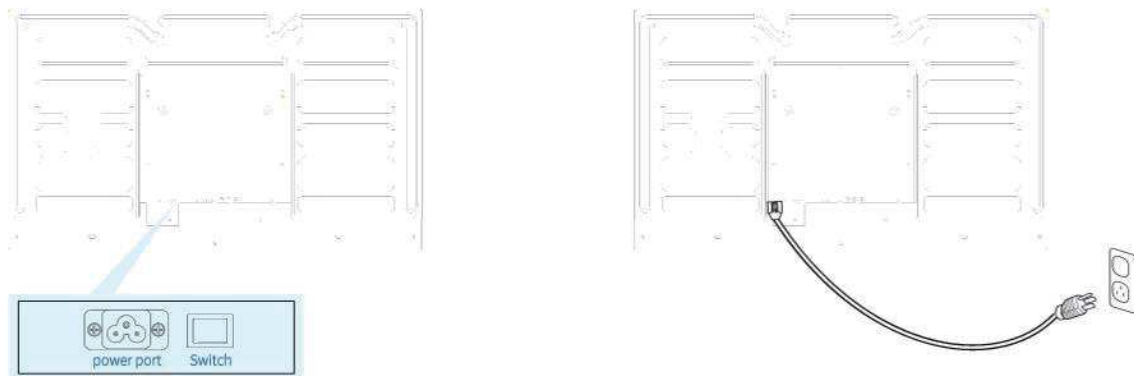
Hang the machine with hook fixed to the hanging board and tighten the safety screw.



III. Operation Guide

3.1 Power on

Turn on the switch when powered on. (picture below is interface of M43SAQ for reference)



3.2 Remote control

Buttons	Description
POWER	Turn on/off the player
MENU	Call up the display drive menu
SETUP	Call up the OSD menu
SOURCE	Call up the signal source menu
	Play or confirm
	Move up
	Move down
	Move left
	Move right
	Skip to previous
	Skip to next
	Stop and turn to the home page
	Mute
	Volume up
	Volume down
HDMI	Switch to HDMI input
VGA	Switch to HDMI input
YPbPr	Switch to YPbPr input



Note: Only on the home page can you call out the OSD menu by pressing SETUP.

V. OSD Menu

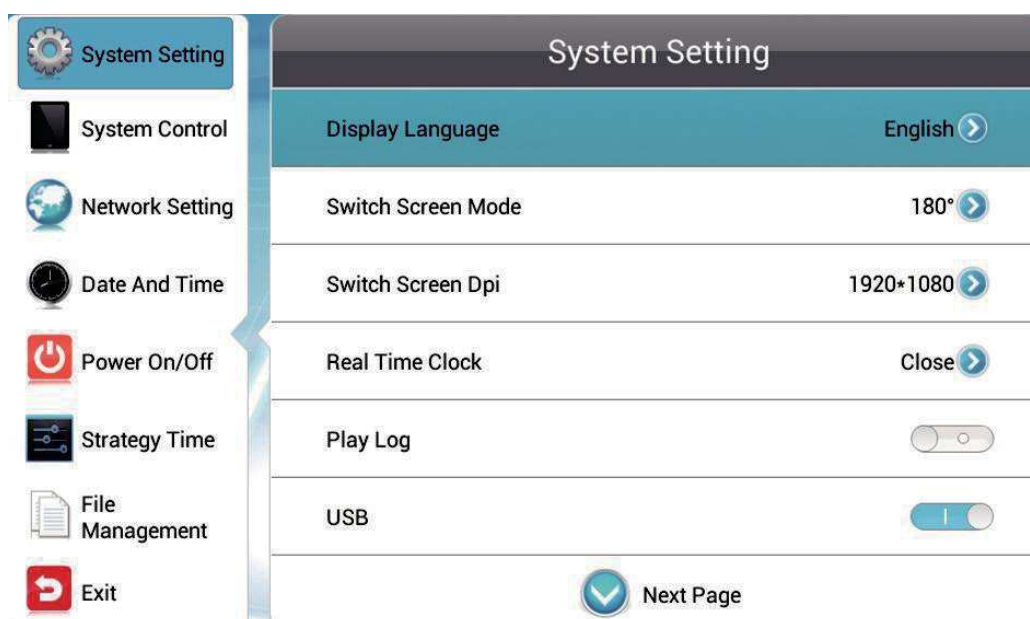
Use the remote control to open the OSD menu to set system parameters. Press STOP on the remote to stop the current playback and present the home page as shown below.



The middle of the top displays the current playing status, the bottom from the left to right are time, date and local storage (including apk version, firmware version, local storage). The working mode is LAN by default.

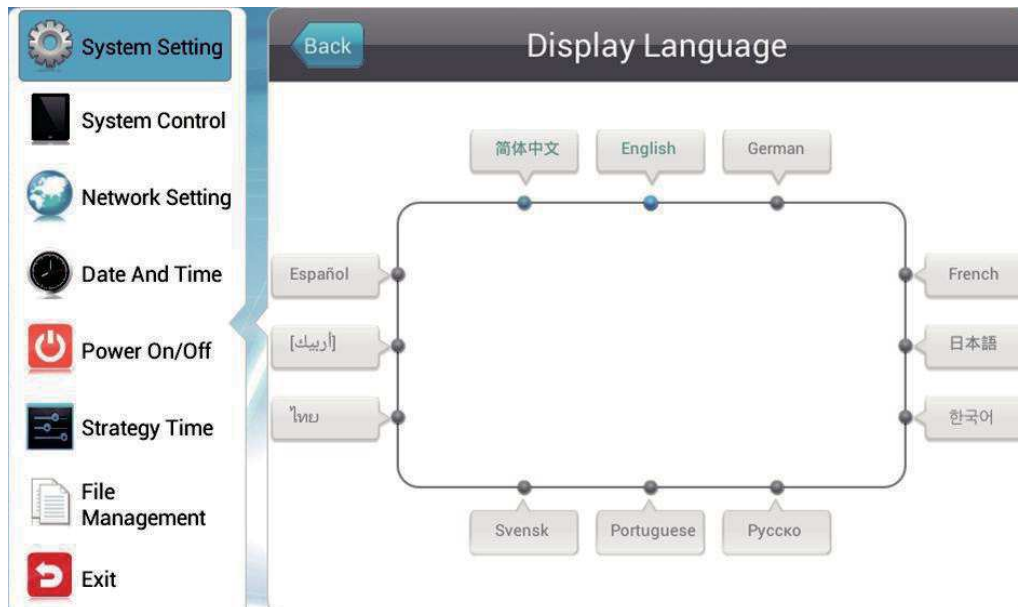
4.1. System Setting

Navigate to System Settings on the main menu and press **[F1]** on the remote to open it.



4.1.1. Language

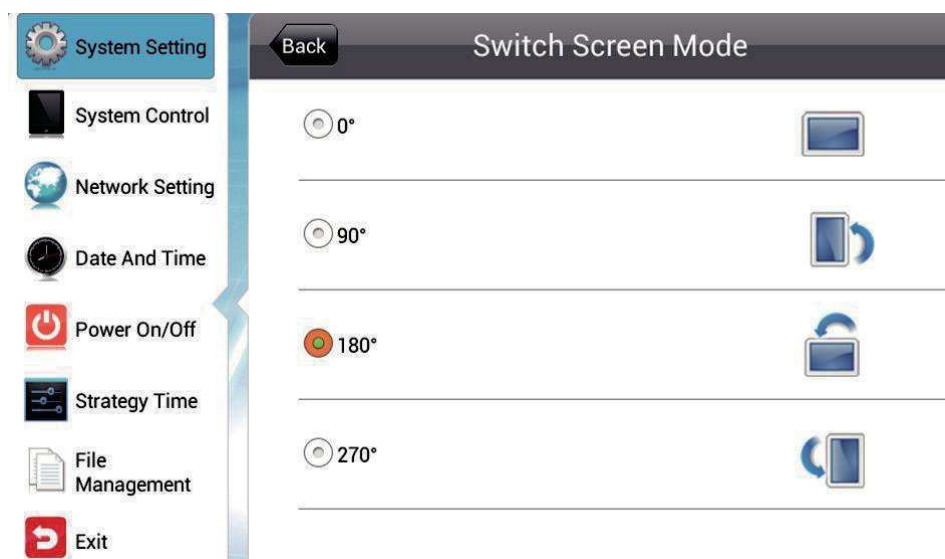
Move the cursor to "picture display language", press confirm key to set the display language of the terminal screen, there are many options such as simplified Chinese and English. Press the left and right arrow of the remote control to adjust the language option, press the arrow to move the cursor to return, and return to the system settings menu.



4.1.2. Switch Screen Mode

In the system setup menu, move the cursor to "screen mode switch".

The system screen can be set on this interface. When set to 0° , the screen will be displayed horizontally. When set to 90° , the screen will be displayed vertically, 180° is the opposite of 0° , 90° is the opposite of 270° . From 0° to 270° , the display is rotated counterclockwise. (Note: The screen rotation angle defaults to 0° display)



4.1.3. Resolution

1920*1080 by default

4.1.4 Real Time Clock

Terminal interface can display the current time, here can set the display position of the real-time clock.



- › Top Left/Right - displays the clock in the top left / right corner on the screen.
- › Bottom Left/Right - displays the clock in the bottom left / right corner on the screen.
- › Off - turns off this feature and do not display clock on the screen.

4.1.5 Play Log

Press **[F11]** to turn on this feature to keep a log of playback and report it to the management platform, or playback will not be logged.

4.1.6 USB

This menu allows you to enable or disable the USB port. Press **[F11]** to disable or enable the USB port for external USB device connection.

4.1.7 Scroll Text

Rolll text Setting allows you to turn on or off the feature of scroll text.

- › Off - scroll text, no matter included or not in the playlist, will not appear on the screen.
- › On - scroll text, if included in the playlist, will be displayed on the bottom of screen.

4.1.8 Touch Aid

Closed by default. When turned on, the icon appears on the upper left corner of the APK main interface. You can also call the touch aids by clicking left twice in the upper left and lower left corners of the APK main interface.

- › Settings: Automatically enter the OSD menu interface after clicking “settings”.
- › Exit: Click the “exit” to exit the interface and enter the Android system.
- › Play: Play the program automatically after clicking “playback” (provided the terminal has imported the program).
- › Hidden: After clicking “Hidden”, the touch assist tool icon will automatically hidden and does not display.

4.1.9 Sync Setting

Terminal support synchronization function, multiple terminals can synchronize broadcast programs. The synchronization function can be set up here. Support 2.4G sync and internet sync.

The following conditions must be met for the implementation of the synchronization function:

Set one of the machines as the host and the rest as the slave.

The master and slave must be on the same LAN.

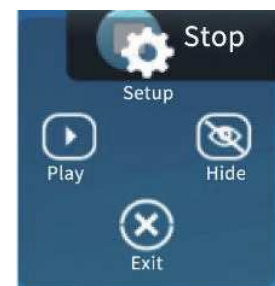
The master-slave machine imports the same program.

The master and slave must set the same synchronization group number and synchronization mode.

Sync setting:

- Sync Role:

Host: When using the synchronization function, the current terminal is set as the host, and other slaves will play the same or different programs simultaneously with the host. Only one host can exist in the same area.



Slave: Automatically play programs in sync with the host.

- Sync Group: Can be set to 0~255.
- Sync Mode: 0, 1, 2, 3, 4, 5, 999 seven modes.
 - 0: The host sends a sync signal at the beginning of each clip.
 - 1: The host sends a sync signal every minute.
(The host sends a sync signal, which is sent only when the video starts playing, and will not be sent during the video playback)
 - 2: The host sends a sync signal every 2 minute
 - 999: same as the test mode of 0, the slave will not have an arrow synchronization flag in the upper left corner after receiving the sync



4.1.10 Restore to Factory Setting

Press Restore to Factory Settings and you'll be prompted with a message. Choose Yes to have all parameters in System Settings to be restored to their factory settings.

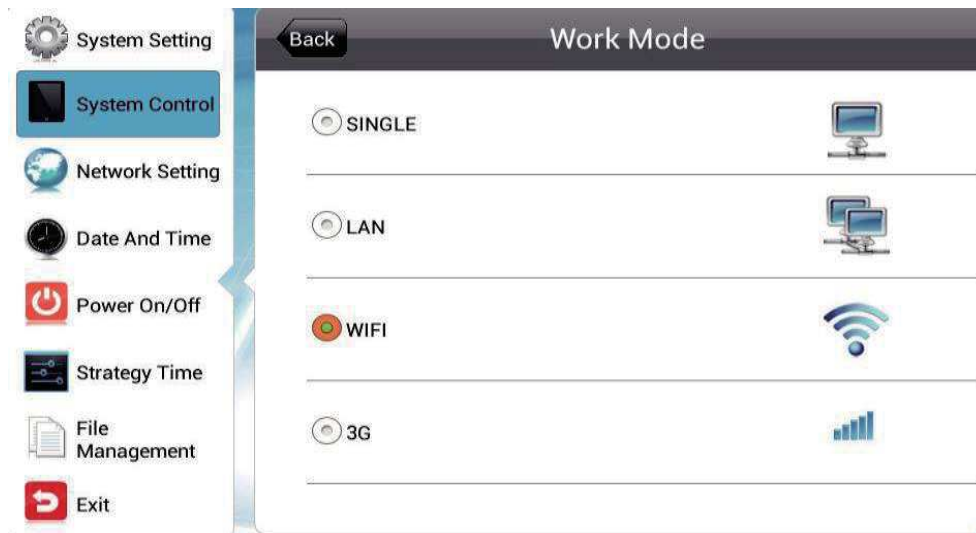
4.1.11 Auto Start

If you enable this feature, the pre-loaded Signway digital signage player software will start automatically after the player is turned on. Otherwise, Android system will be loaded instead.

4.2. System Control

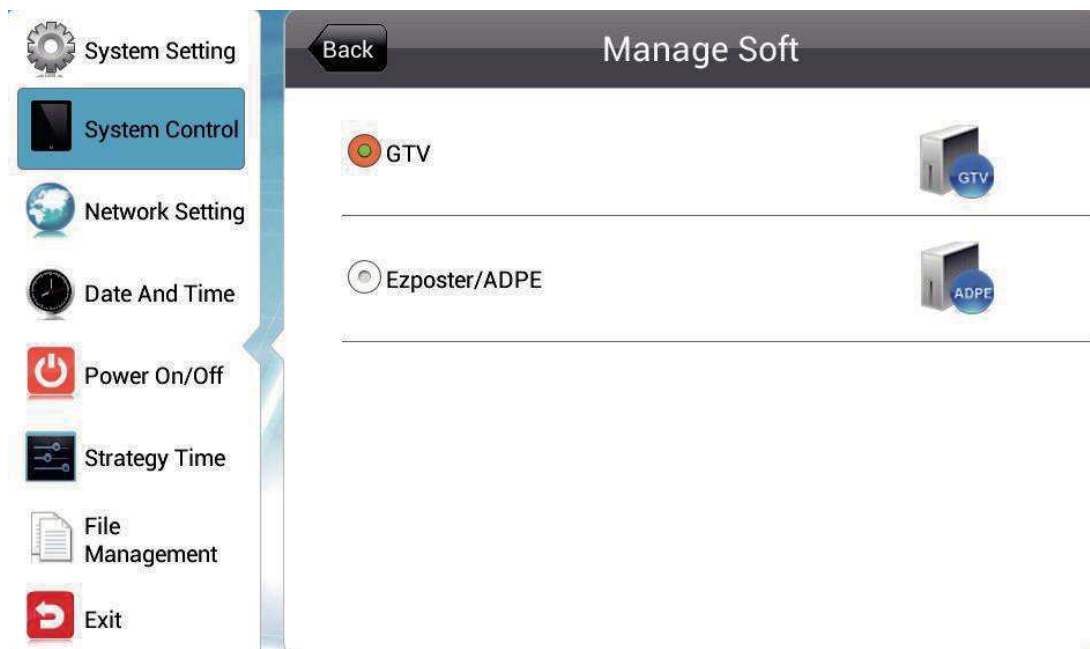
4.2.1 Work Mode

The player can work in single (stand-alone), LAN(default), WIFI. Single mode only supports USB import, the others support GTV remote publishing.



4.2.2 Manage Soft

You are allowed to choose a content management software running on the server platform when the player works in LAN/WIFI mode. This menu is unavailable in single (stand-alone) mode.



GTV (Default)- use Signway GTV as the content management software to create and publish playlists as well as manage player networks.

Ezposter/ADPE - use Signway EzPoster or ADPE as the content management software to create and publish playlists as well as manage individual players (Notes: need to install Ezposter client app and set to the same LAN to realize remote publishing)

4.2.3 Play Mode

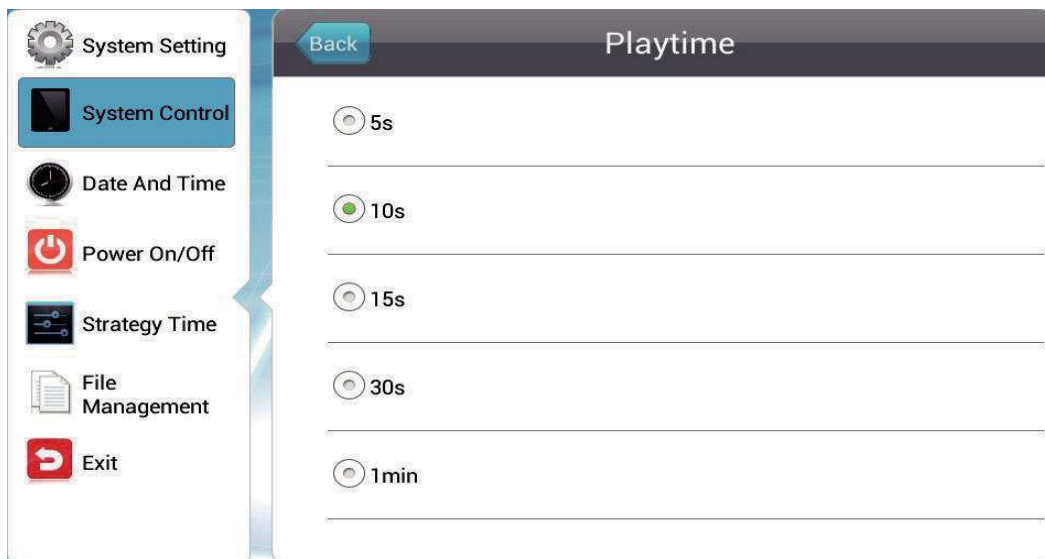
Three playback modes are supported when players work in stand-alone mode.

- Open - Media files, such as images and videos, stored in the root directory of a USB disk can be played and content packing is not required.
- Encrypt - Only encrypted content packages, created by such tool as ADPE, with the same password as the player can be played. The player password file ADP Key Renew. BIN can be created and imported together with the content package by such tool as ADPE, and the initial password is 12345678 by default.
- No Encrypt - Only content packages without password, created by such tool as ADPE, can be played.



4.2.4 Playtime

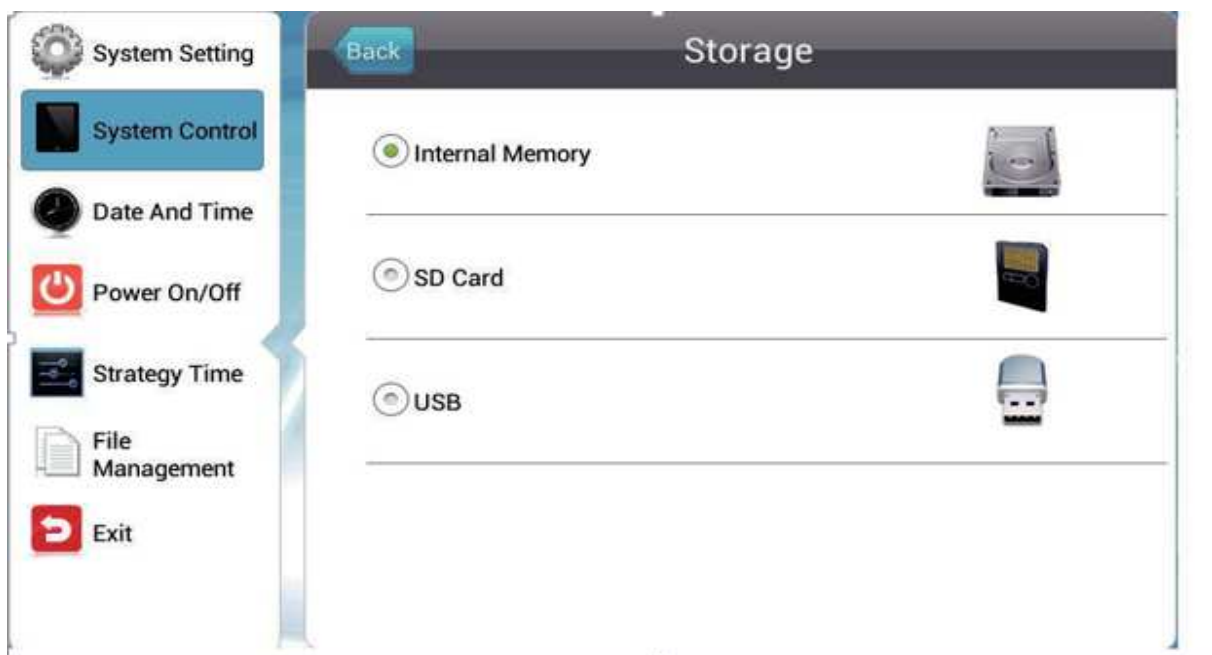
When the player works in Open play mode, you can setup the playback duration for each image to be played, which will not apply to other play modes.



4.2.5 Storage

This menu allows you to choose where the programs to be played are stored. The window differs as PLAYER work mode changes.

- Internal Memory (Default) - only the programs stored in the built-in memory will be played.
- SD Card - only the programs stored in the SD Card will be played.
- USB - only the programs stored in the USB disk will be played.



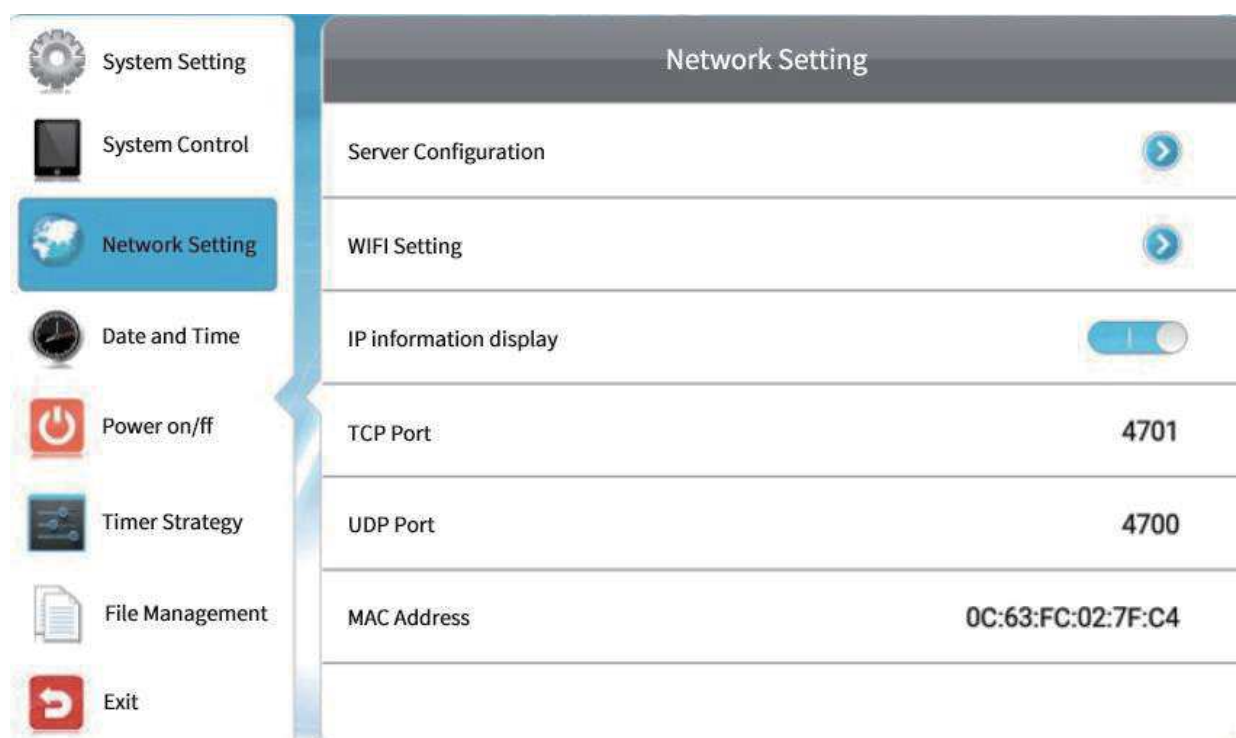
4.2.6 Machine Number Setting

The mainboard ID is 8 digits by default, the local ID can be automatically obtained, and manually modified.



4.3 Network Setting

The local ID can be set in LAN ,WIFI . Connect the server by IP or domain name.



4.3.1 Server Configuration

IP mode: Select IP mode, choose the server address to set.



Select the server port to editing. Port number can be set here. (note: the port number various for different servers. Only by entering the correct port number can successfully connect to the server).



Domain name mode: Select domain name to call the server address interface to set.



TCP Port: Default 4701, unchangeable

UDP Port: Default 4700, unchangeable

MAC Address: Show MAC address, unchangeable

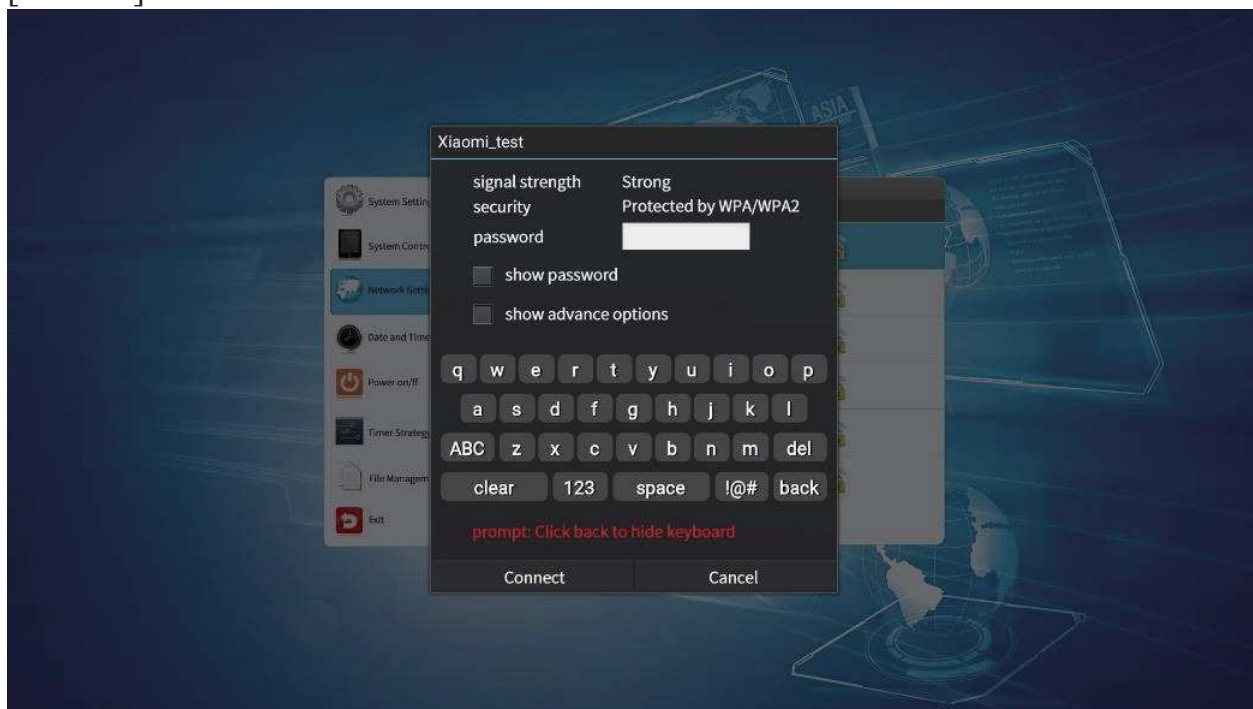
(Notes: TCP and UDP parameters depends on sever connected, different server various in port number)

4.3.2 WIFI Setting

When the terminal works in WIFI mode, the wireless network can be set this menu cannot be entered in other modes.



Move the cursor to the wireless network to which you want to connect. Press the ok key to select the network to connect to. If a password is required for a network connection, the following prompt appears. Enter the corresponding password according to the prompt, press the back key first to hide the keyboard, and select [connect] to access the terminal to the wireless network.

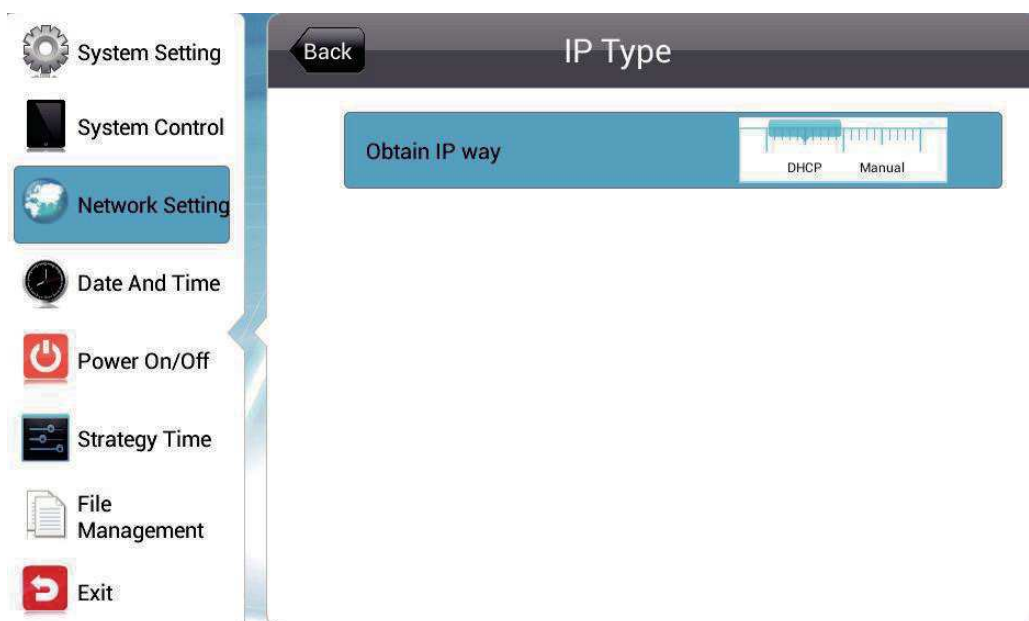


4.3.3 IP Type

When the terminal works in LAN mode, the IP acquisition mode of the wired network can be set. This menu cannot be entered in other modes.

There are two ways to obtain the terminal IP.

Automatic: use the IP address assigned by the network automatically without manual setting.

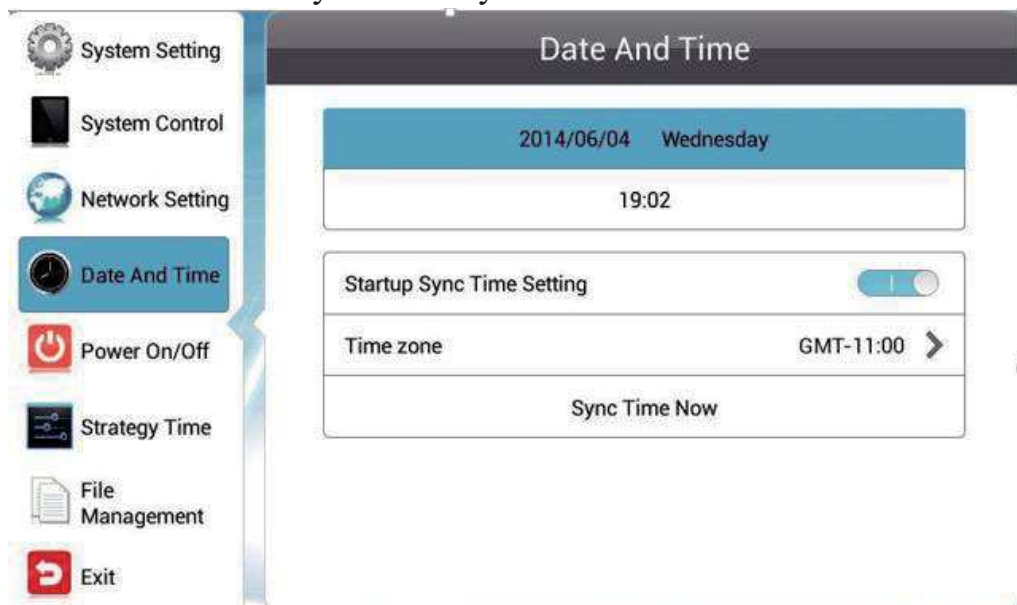


Manual: manually set the fixed IP address.



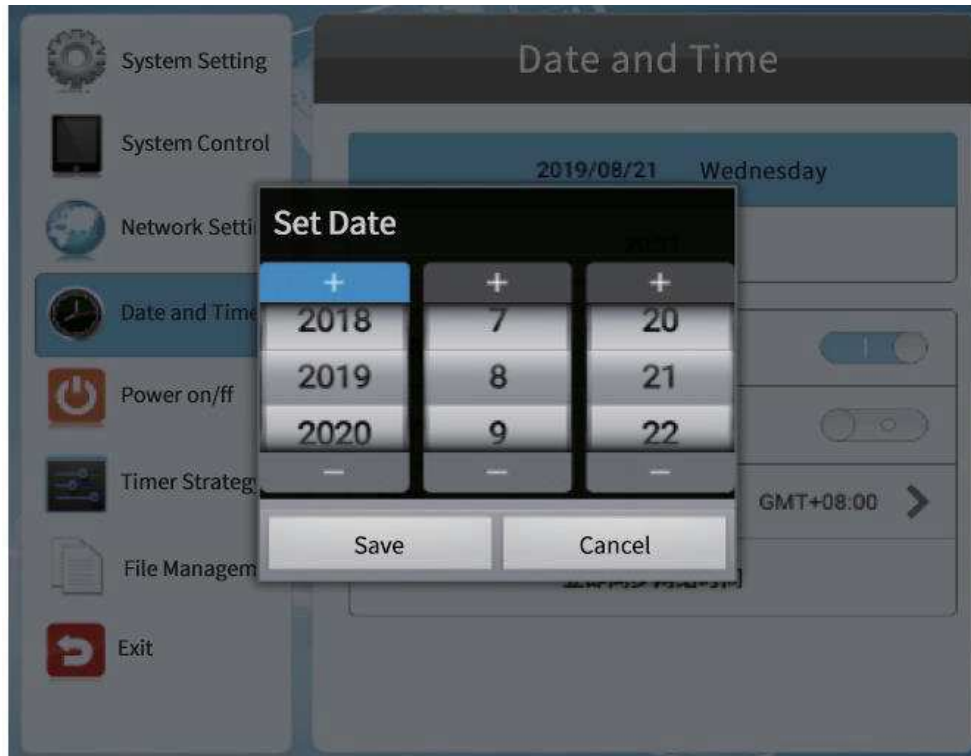
4.4 Date and Time

Navigate to Date and Time on the main menu and press **W/II** on the remote to open the menu which allows you to set system date and time.



4.4.1 Date Setting

Date – press the date bar to open a panel to adjust the year and date.
Press the arrow buttons  on the remote to navigate to the box you want to operate. Press +/- to adjust the date.
Once satisfied, press Save to apply the changes.



4.4.2 Time Setting

Time – press the time bar to open a panel to adjust the time.
Press the arrow buttons  on the remote to navigate to the box you want to operate. Press +/- to adjust the date.
Once satisfied, press Save to apply the changes.



Network time synchronization:

On: In the WIFI/LAN , it will synchronize network time automatically.

Off: Will not synchronize network time in any mode.

IP display:

On: Show IP address

Off: IP address will automatically hide, display as XXX.XXX.XXX.XXX

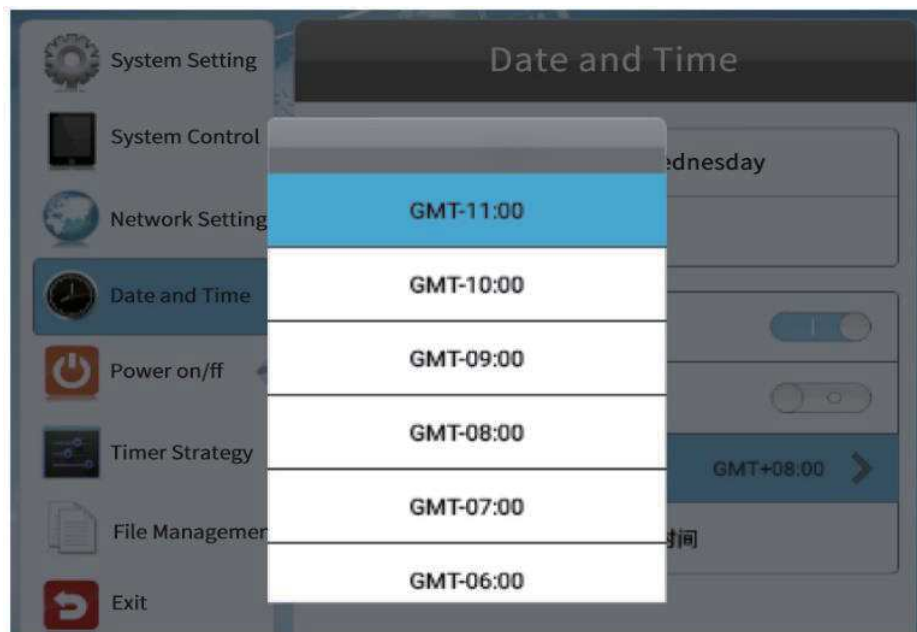
Daylight setting:

On: During daylight, system will add one hour by fault.

Off: During daylight, system will not change accordingly.

Time zone:

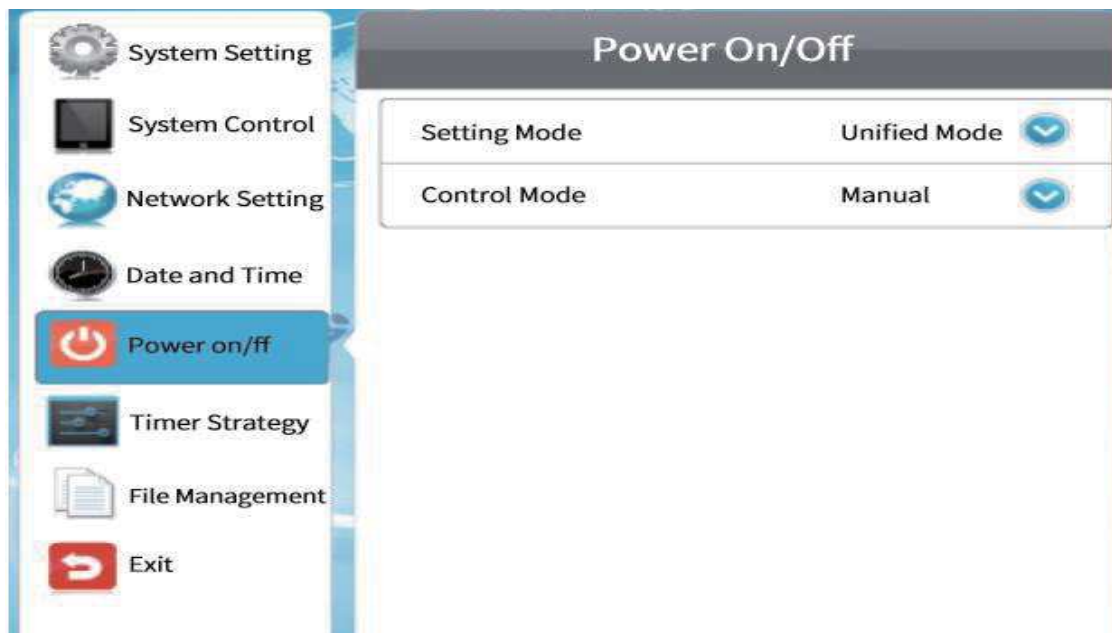
You can set time zone here, the default time zone is China standard.



4.5 Power On/Off

Week Setting - This mode will have the player turned on/off automatically at your specified time on each day of every week.

Uniform Setting (Default) - This mode will have the player turned on/off automatically at your specified time every day. For example, you can have a player on from 8:00 to 22:00 every day.



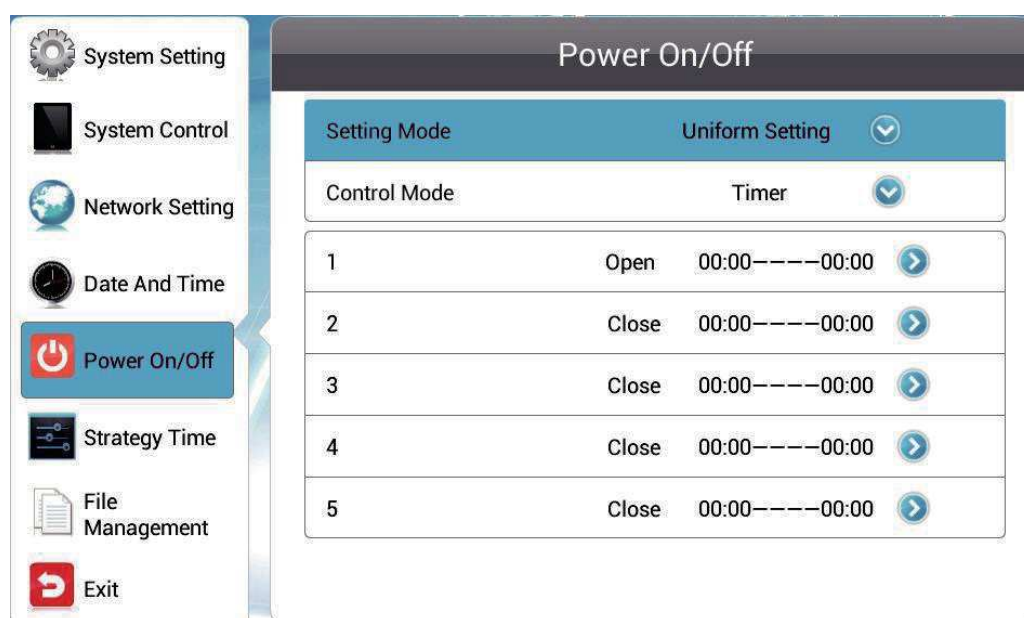
4.5.1 Uniform mode

Timer – On and off time can be defined respectively in 5 timers. Press the arrows on the remote to move to a box and make adjusting.

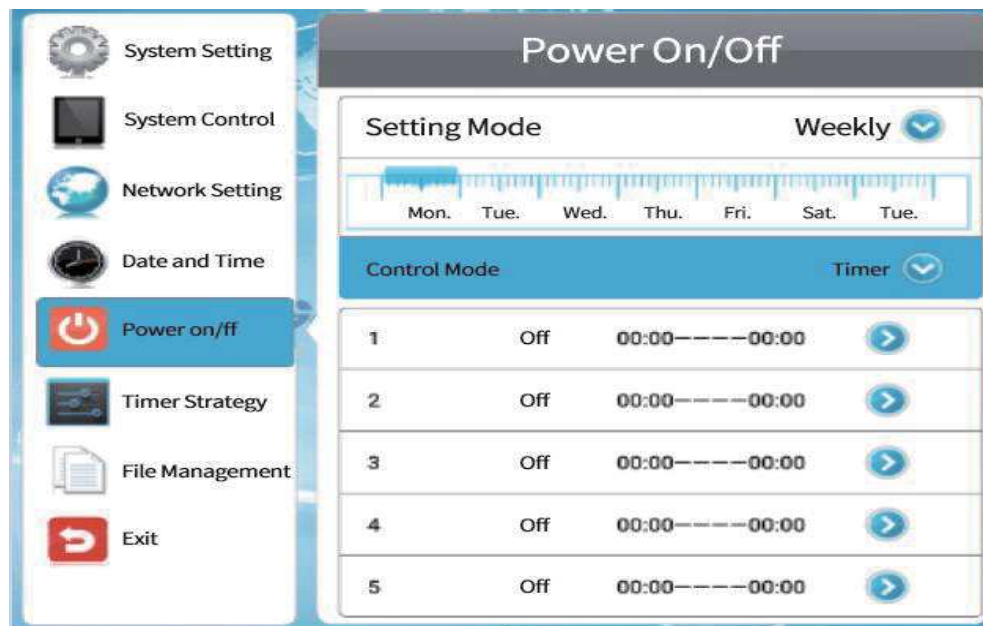
Always On - The player, if powered, keeps being on all the time.

Always Off - The player keeps being off and if turned on manually, it will automatically turn off two minute later, if there is no operation.

Manual – allows you to control the on/off time manually.



4.5.2 Week Mode

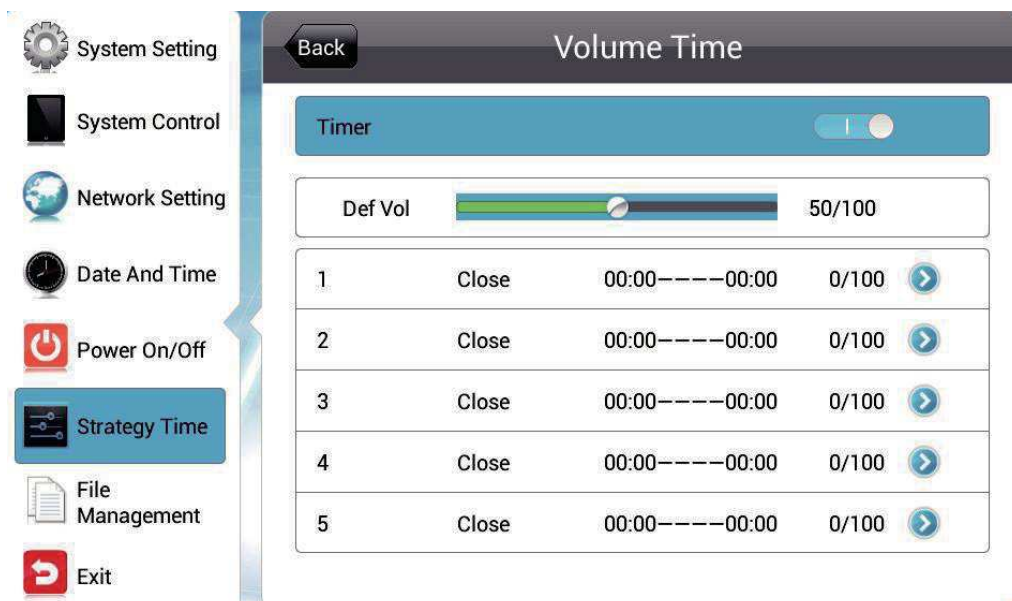


4.6 Timer Strategy

This menu allows you to specify playback volume and display screens for a specified period.

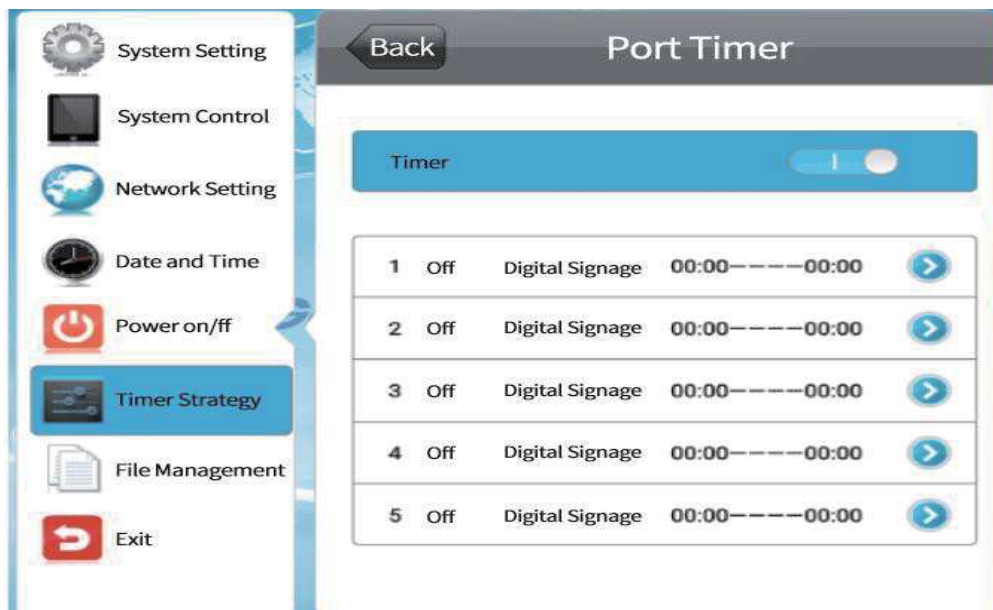
4.6.1 Volume Time

This allows you to specify playback volume for specified periods. When the volume policy is off, you can manually adjust the terminal volume. When the volume policy is turned on, the volume can be set for up to 5 time periods.



4.6.2 Port Strategy

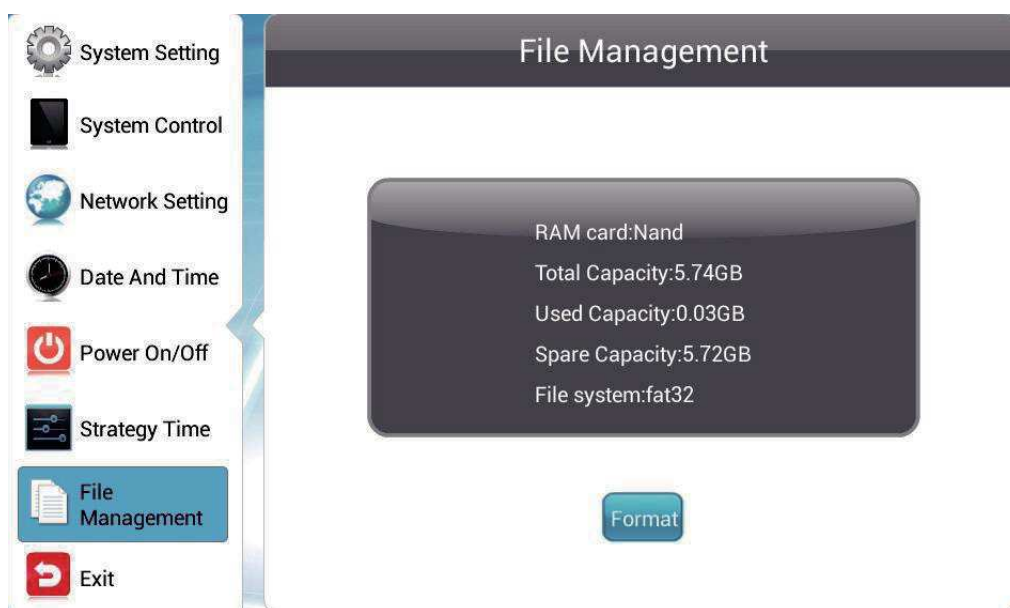
Timer – On and off time can be defined respectively in 5 timers, switch timer to HDMI, VGA and digital signage channel by default.



4.7 File Management

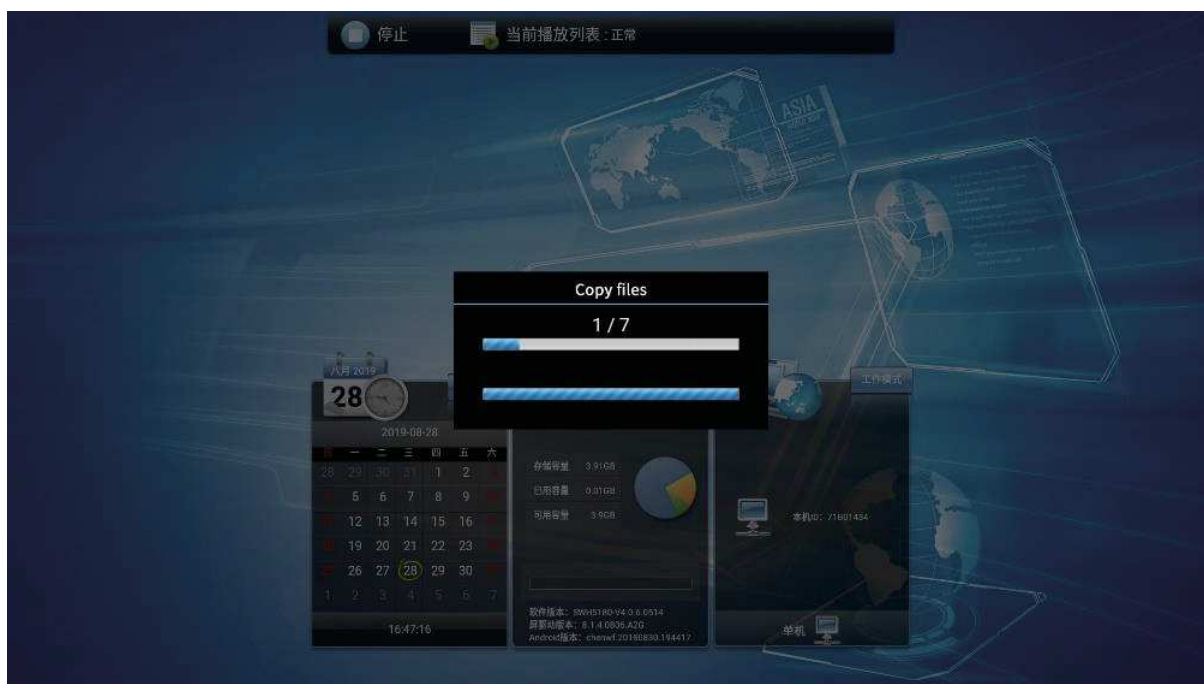
Press File Management to open the menu which allows you to check the storage space usage and format the disk if necessary.

Format: select format to format the internal storage, the content imported through the USB will be removed to free up space.

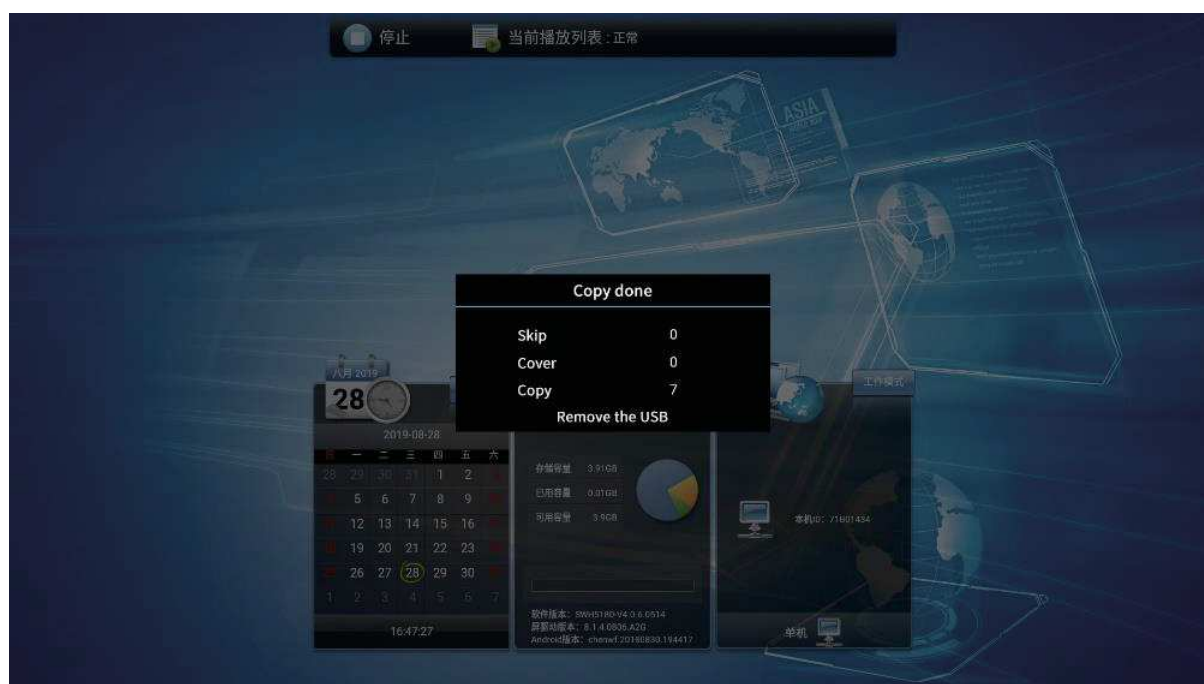


4.8 Playback in Single (Stand-alone) mode

“setup” to enable OSD menu -> System Control>Work Mode->Single (stand-alone)



Copy video/picture to the root directory of the USB, insert the USB into the USB port of the machine, and the system will automatically detect and copy the program, as shown in the figure below. Confirm if the copied material the same quantity in USB.



According to the prompt, it will automatically playback the program once the USB removed. (Note: Name the program as 1,2,3 if you want to play in order)

V.Troubleshooting

Problem	Reason	Solution
No image	1.The power cord is disconnected 2.The power switch (on the back of the machine) is off. 3.Network is not connected. 4.The display is in standby mode.	1.Plug in the power cord. 2.Make sure the power switch is on. 3.Connect the signal to the display.
Unstable display or with noise	Caused by surrounding electrical equipment or fluorescent lights.	Move the machine to the other place to check again
Image is unfocussed	1.The signal cord is not properly connected. 2.Wrong signal input.	1.Ensure the signal cord is well connected 2.Check if the signal spec is allowed
Abnormal color	The signal cord is not properly connected	Ensure the signal cord is well connected
With sound but not image	Misconnect of the signal cords.	Please make sure the video input and audio input are well connected.
	1.Misconnect of the signal cords.	1.Make sure the audio input is well connected. 2.Press the [VOLUP]

With image but no sound	2.The volume is turned down to the minimum 3.[MUTE] is on 4.Not connect to the external speaker.	3. Keep the [MUTE] off. 4. Connect to the external speaker and and adjust to the appropriate volume
Some pixels are black	Some pixels on the screen may not be active.	The display adopts high precision, its normal that some pixels are not active.
Residual image after power off	Static images are displayed for an extended period of time	Avoid to display static image for extended period of time

VI. Service policy

The voltage, frequency and current requirements indicated on label must be met since any misconduct will lead to abnormal operation, equipment damage, or fire disaster. Maintenance can only be carried out by qualified technicians. Please contact a qualified electrician or manufacturer if you are in doubt about the installation. Please keep the machine away from humid environment, for more information, please call Goodview aftersales service line:400-7052-668

Product that manifests manufacturing defects identified within 30 days which starting from arriving destination port is considered DOA, DOA is defined as a defect that prevents the full use of the Product when first unboxed or first operated because of its quality issue. The Seller will be responsible for sending spare parts for repair or providing compensation or equivalent discounts.

V. Normal Mode RF Power Range(WLAN,Bluetooth)

Band (GHz)	Mode	Range(dBm)
2.4 (2.4~2.4835)	802.11b	11.00-13.00
	802.11g	10.00-12.00
	802.11n(HT20)	10.00-12.00

Band (GHz)	Mode	Range(dBm)
Bluetooth	GFSK	5.00-6.00
	$\pi/4$ DQPSK	2.00-3.00
	8-DPSK	2.00-3.00

Digital Signage Menu Board

M*****

Welcome to our website: www.goodview.com/en

- * Product info**
- * Specification**
- * Marketing events**
- * News**
- * Software solutions**

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