

User Manual



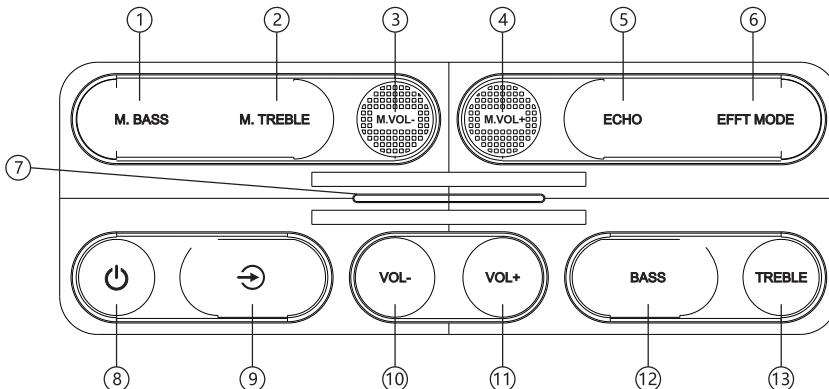
Before attempting to connect, operate or adjust this product, please read these instructions completely, please save this manual.

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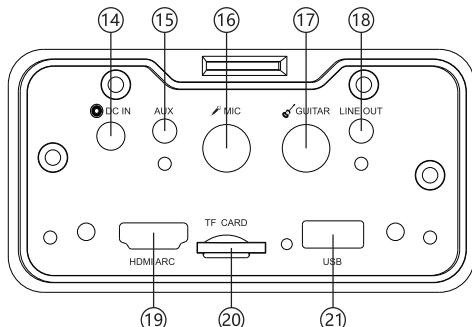
Structure diagram

1. Top button:

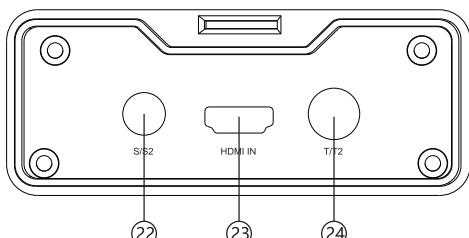


① Mic Bass	④ Microphone Volume UP	⑦ Charge Lamp
② Mic Treble	⑤ Mic ECHO	⑧ Power Supply
③ Mic Volume Down	⑥ Mic EFFT Mode	⑨ Mode Selection
⑩ Volume Down	⑪ Volume UP	⑫ Music Bass
		⑬ Music Treble

2. Amplifier connector on the back/Backside video connector:



⑭ DCIN (DC Power Supply Input)
⑮ AUX (3.5 Input)
⑯ MIC (Microphone Input)
⑰ GUITAR (Guitar Input)
⑱ LINE OUT (Line Output)
⑲ HDMI ARC (HDMI Audio Input)
⑳ TF CARD (TF Card Input)
㉑ USB (USB Input)
㉒ S/S2 (DVT TV RF Signal Input)
㉓ HDMI IN (HDMI Input)
㉔ T/T2 (DVT TV Cable Signal Input)

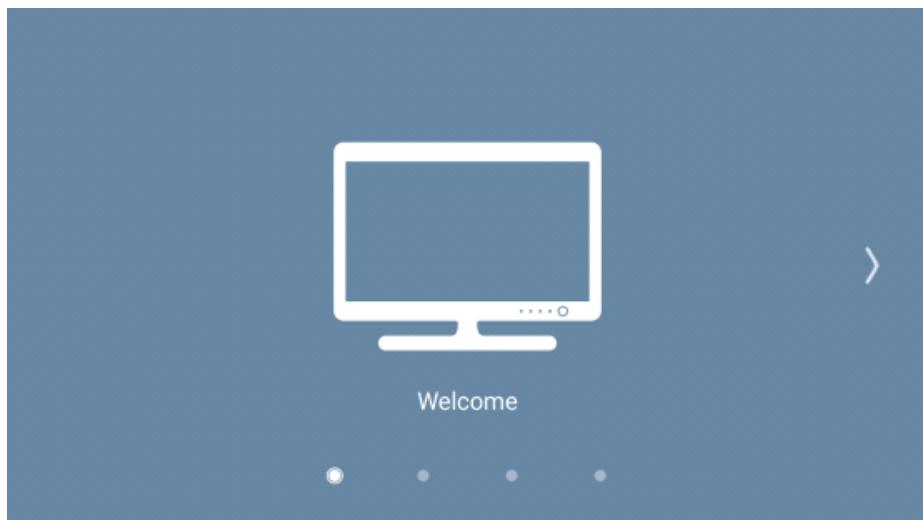


Power on setting

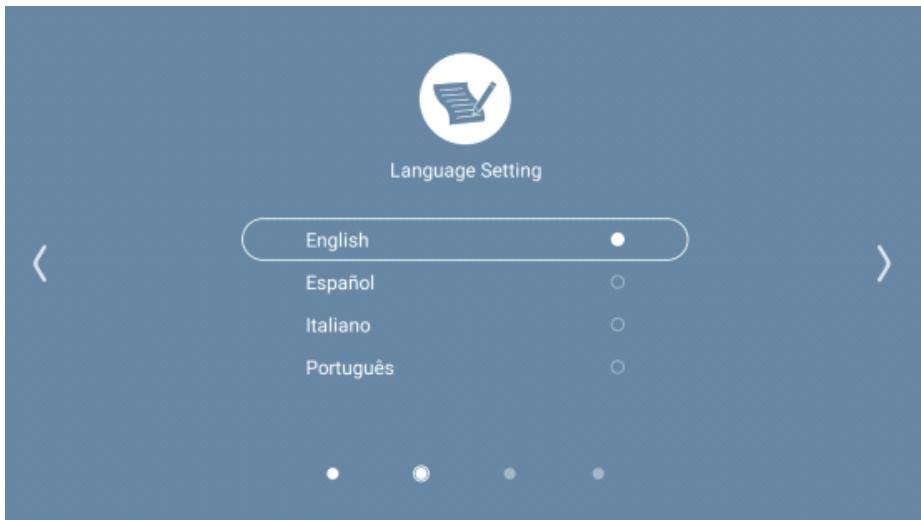
Users can set the system language, network, etc., swipe left and right to cut pages.

Switching and Charging:

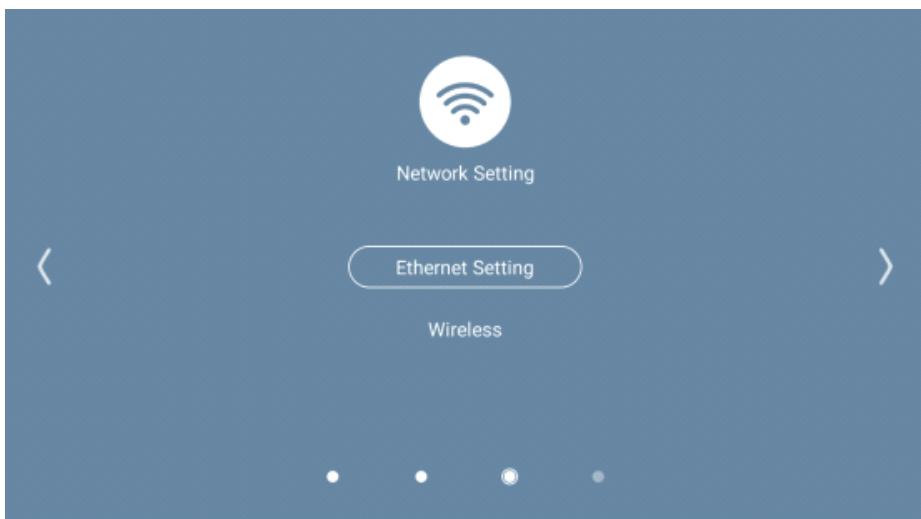
- A.** Long press the top "Power Supply" knob for more than 2 seconds to turn on the power, the top button light is always on, and it will enter the home screen after turning on the power.
- B.** After booting, press and hold the "Power Supply" knob on the top of the unit for more than 2 seconds to turn off the unit.
- C.** After booting, bring up the control screen and click "Power Supply" to bring up the power supply selection screen. Click Shutdown to shut down; Click Reboot to restart; Click Screen Off to turn off the screen; Click Exit to exit.
- D.** The power adapter DC head is inserted into the amplifier DC IN interface, turn on the power battery charging, top charging light always on red; When the home screen upper-right corner of the power icon for the full frame that the battery is fully charged, the power can be cut off, and pull out the power adapter DC head.



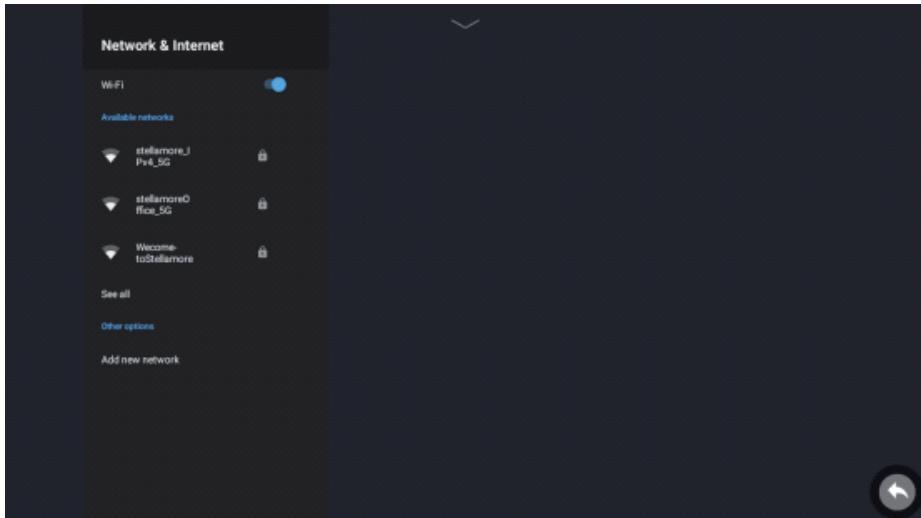
1.1 Language Setting



1.2 Network Setting

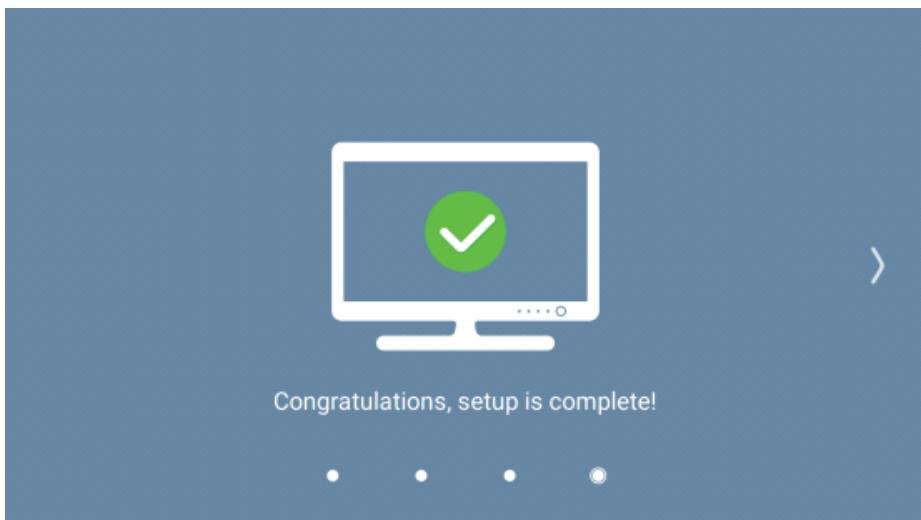


1.2.2 Wireless settings



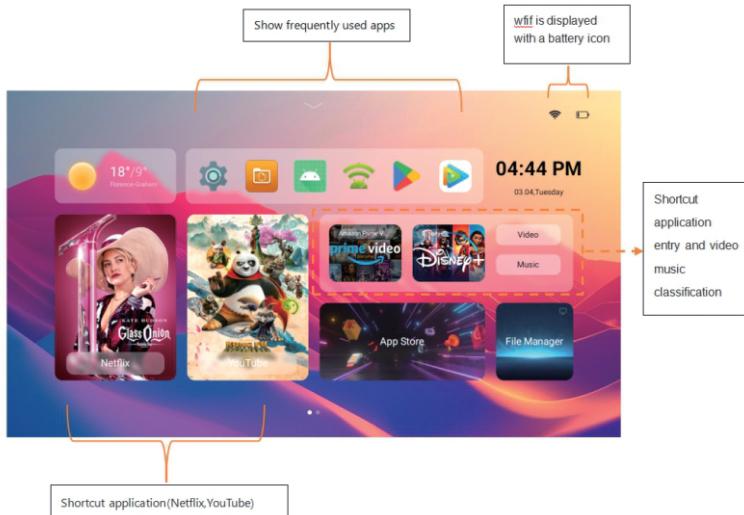
1.3 End boot settings

The setting is completed, press the right key to enter the Launcher.



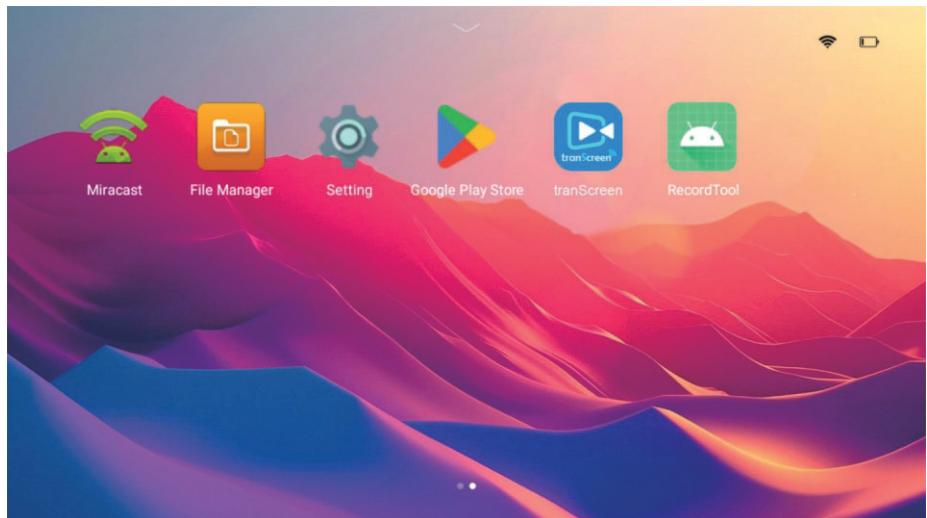
Launcher

The main page is divided into: home, application, Settings, weather.



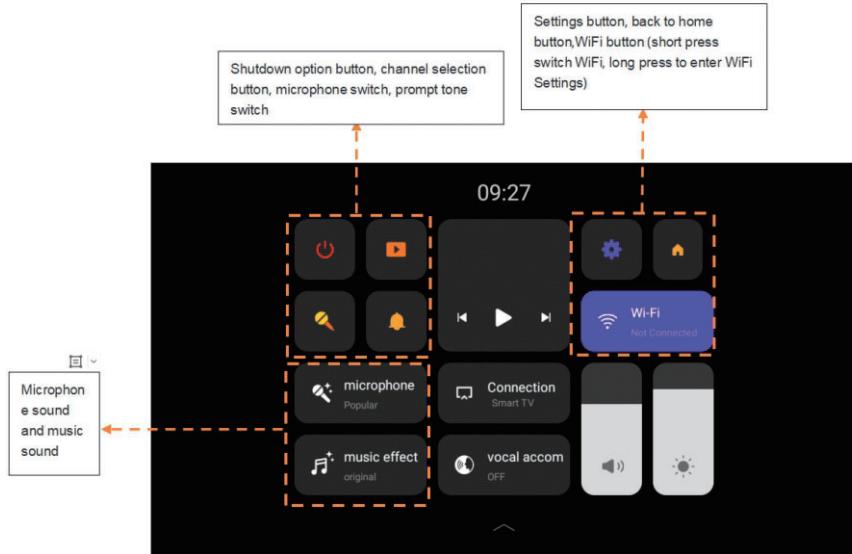
2.1 My APPS

Including built-in and user-installed apps.



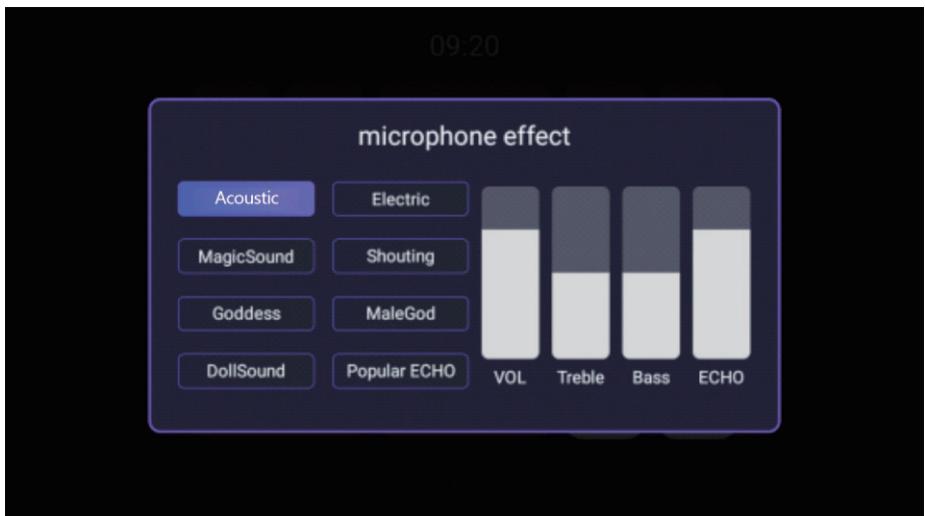
2.2 Quick settings

Drop down to shortcut Settings.



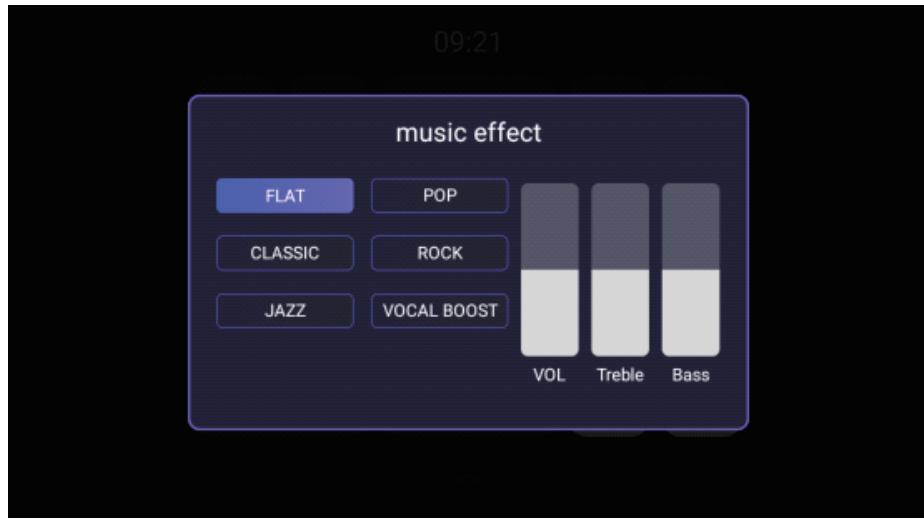
2.2.1 Microphone sound effect

Set different microphone sound effects.

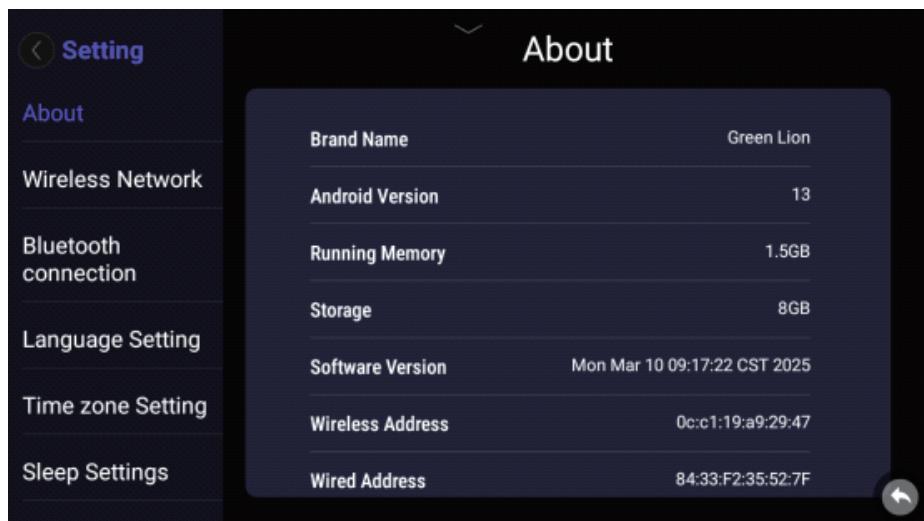


2.2.2 Music Sound effects

Set different music effects.

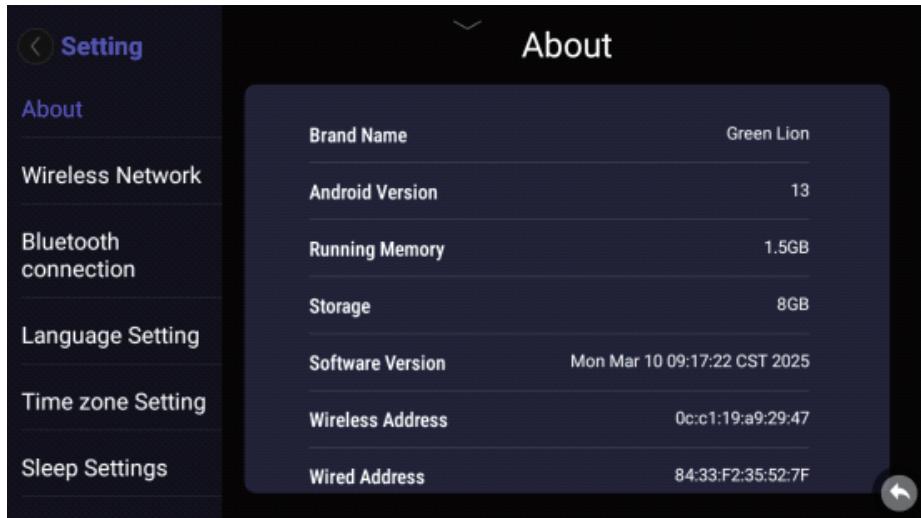


2.3 Setting



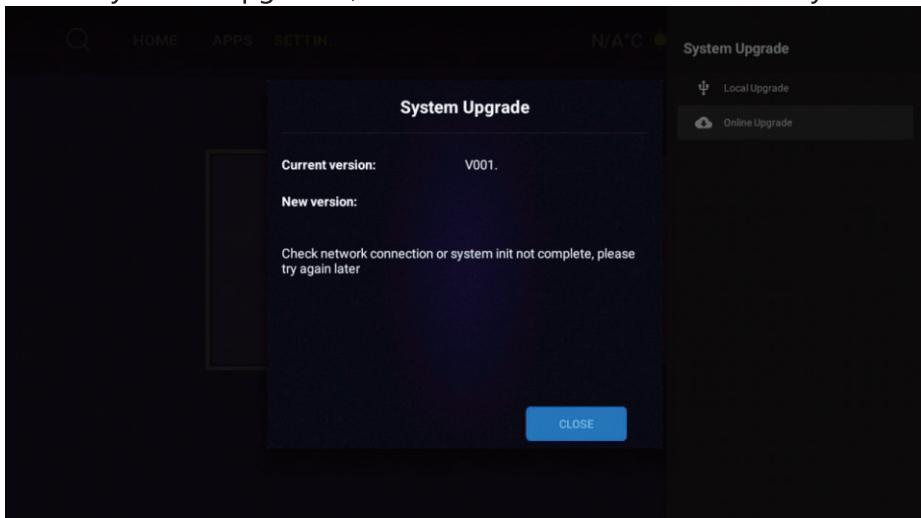
2.3.1 About

Device details, display device specific parameters, device name, software version, memory and other parameters.



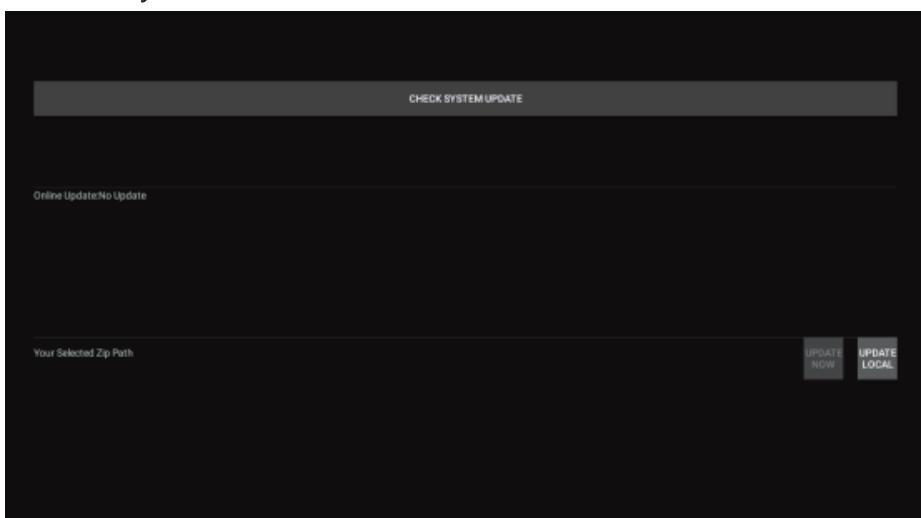
2.3.1.1 Network Upgrade

If the server has been configured with a new software upgrade, the following interface will pop up, click "Upgrade", and the system will download the installation package for automatic upgrade. Do not poweroff at this time. After the system is upgraded, the device will restart automatically.

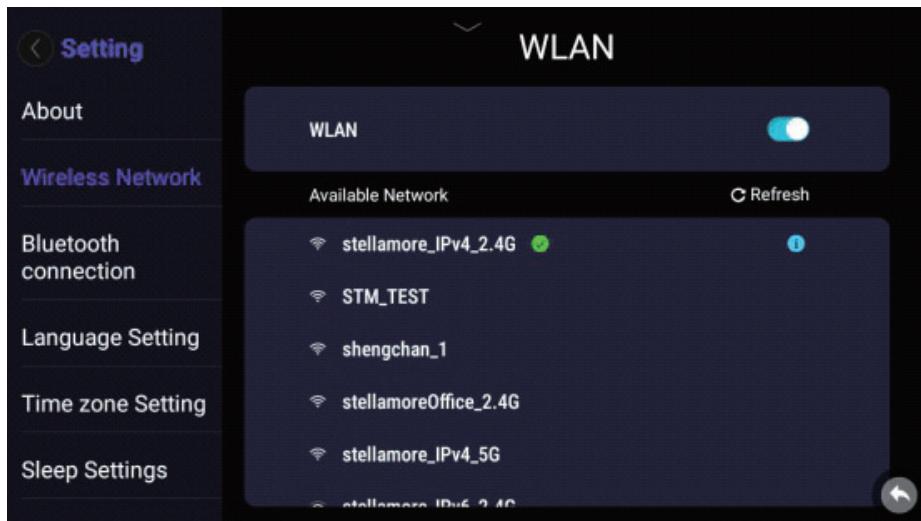


2.3.1.2 Local Upgrade

Name the installation package "update_signed.zip" and upgrade it in the root directory of the USB flash drive. Please consult the brand for details.

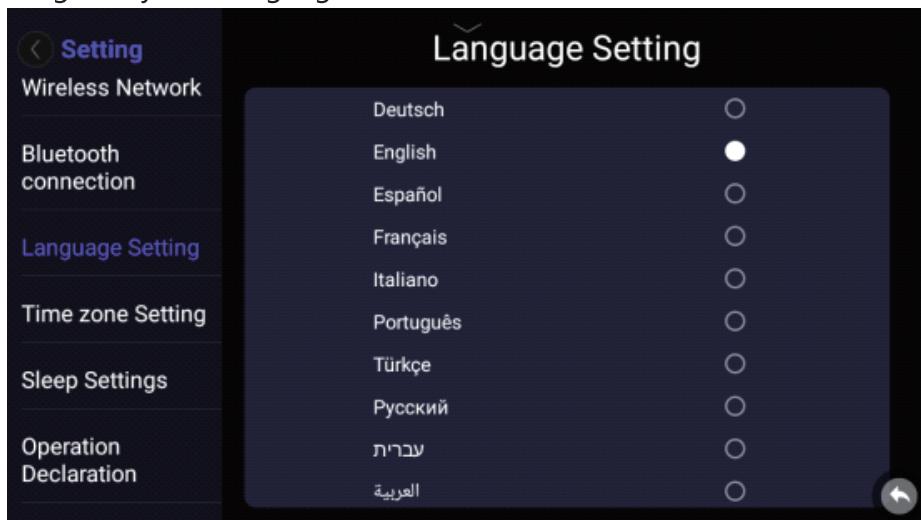


2.3.2 Network

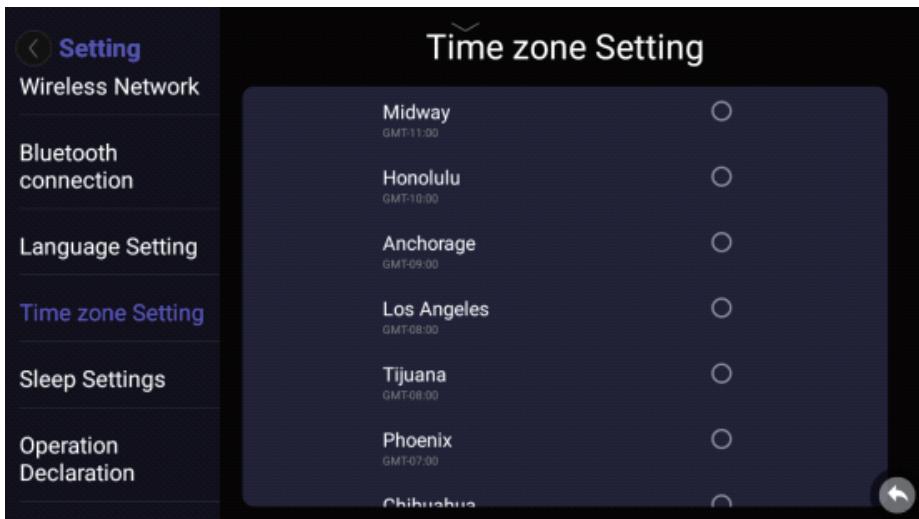


2.3.3 Language Settings

Setting the system language.

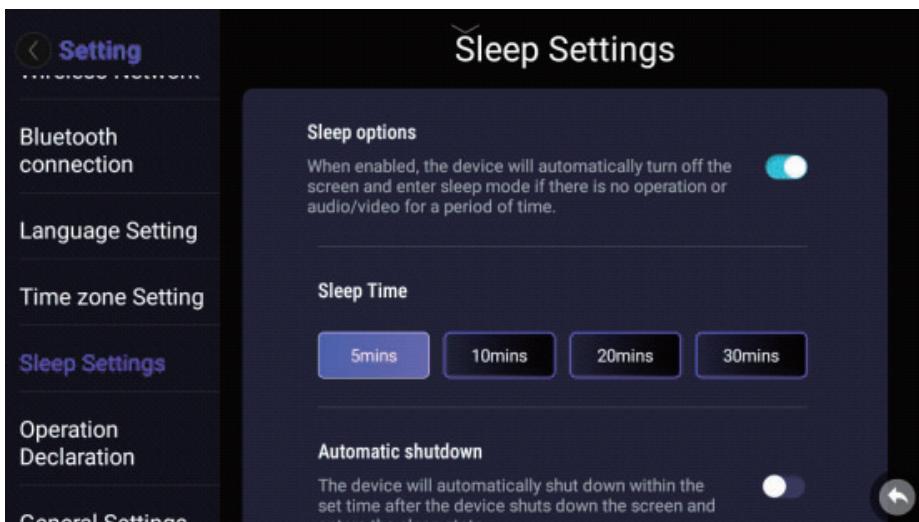


2.3.4 Timezone Setting



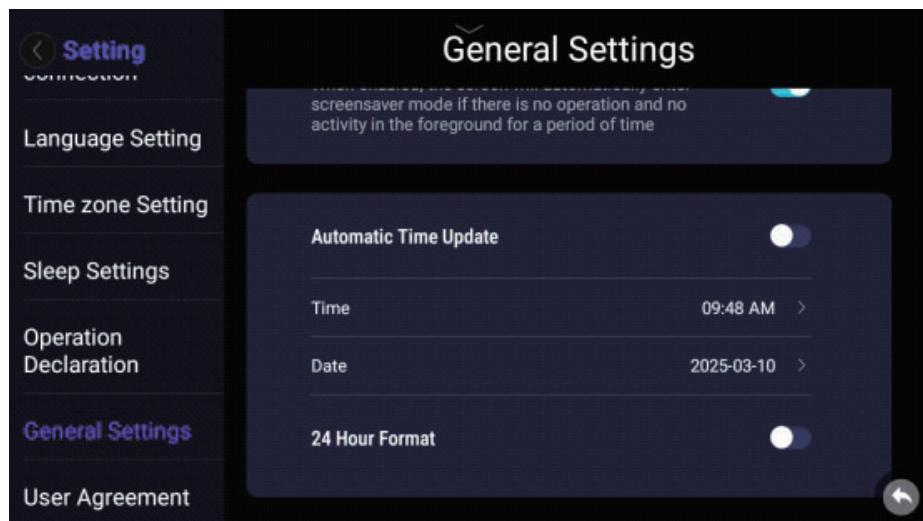
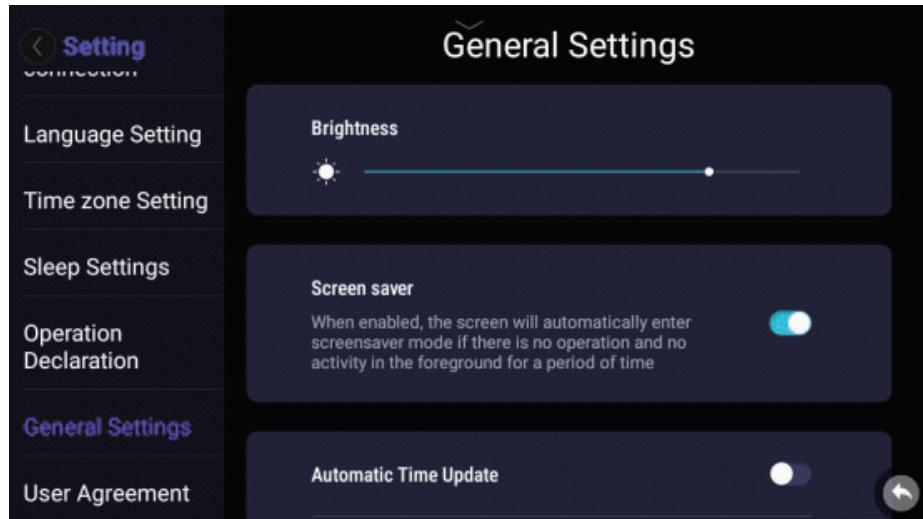
2.3.5 Sleep Settings

Sleep setting, set the automatic sleep time and automatic shutdown time.



2.3.6 General Settings

General Settings, you can set the screen saver time, screen brightness, set time.



2.4 Weather

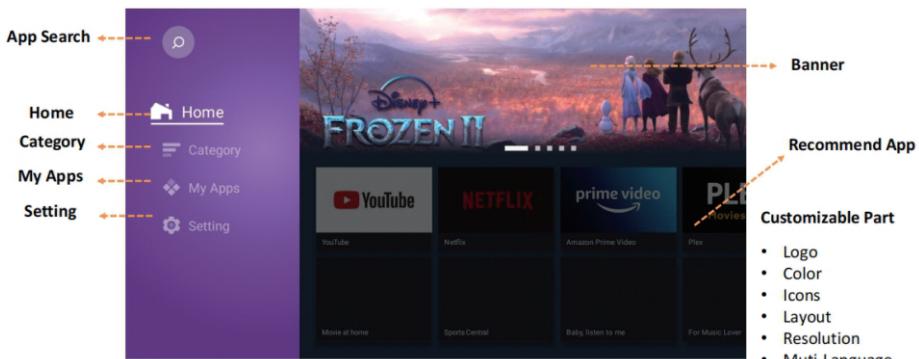
Get local weather conditions and show the weather conditions of the day and week.



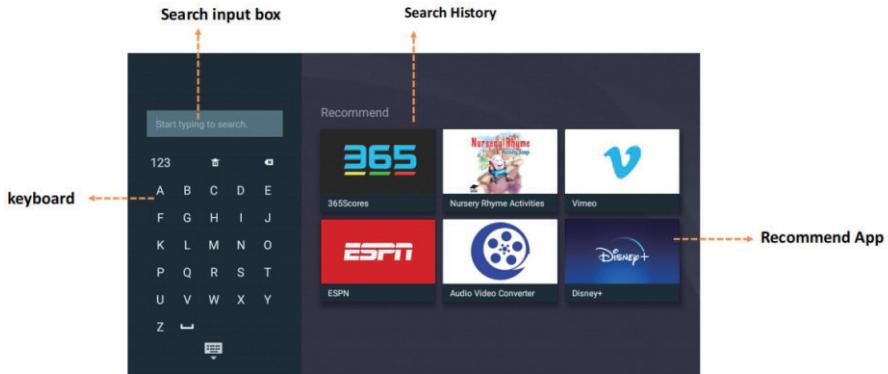
2.5 App Store

The main function is to provide mobile software and game download.

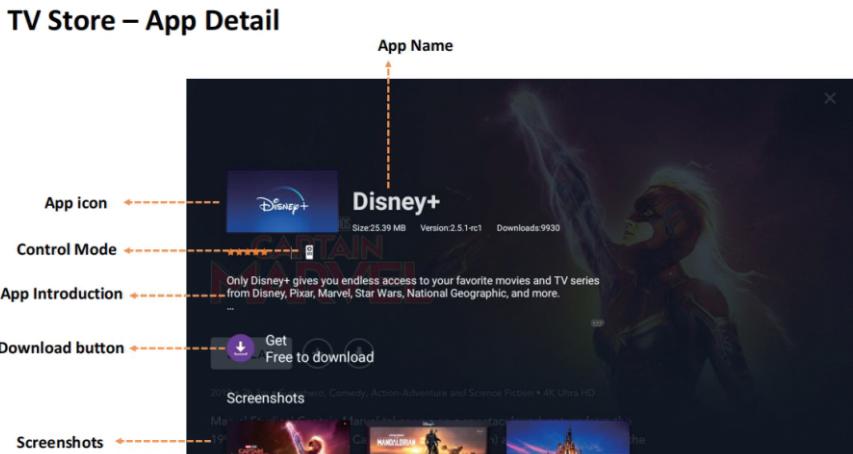
Smart TV Store



2.5.1 App Search

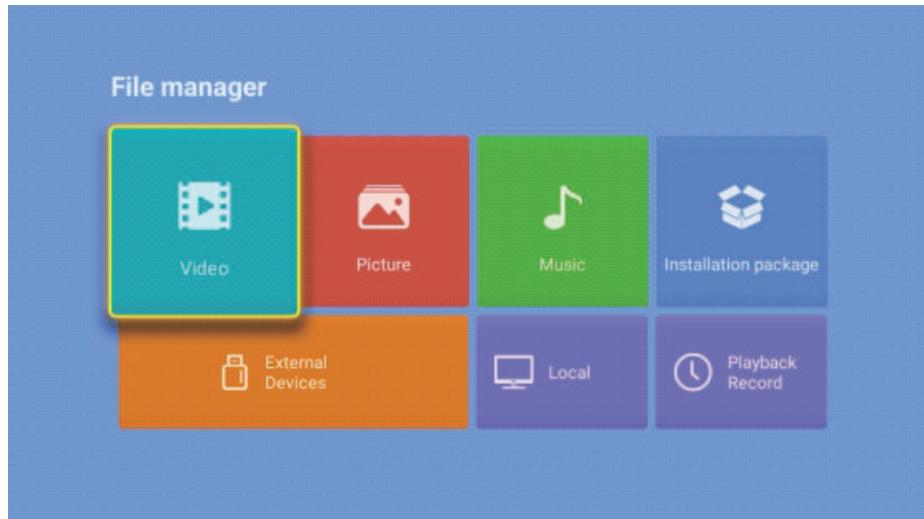


2.5.2 App Detail



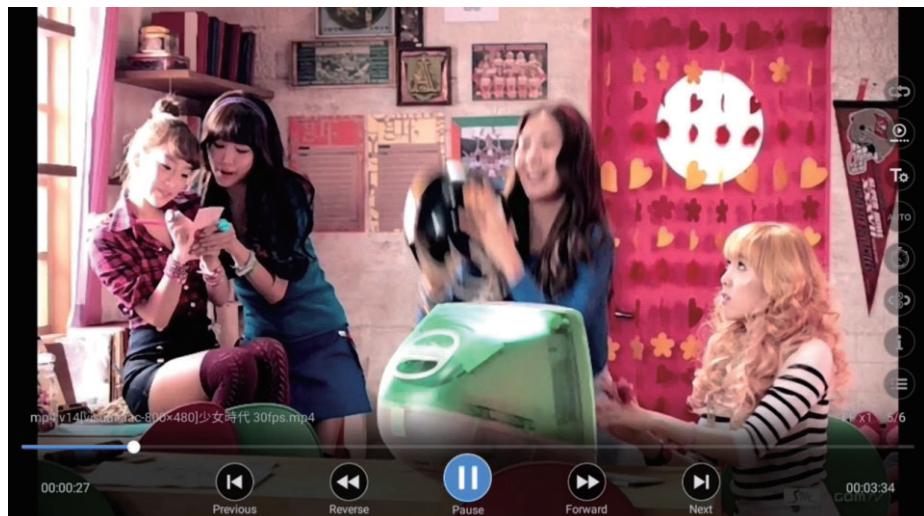
3 Media Center

View locally stored video, music, pictures and other file information.



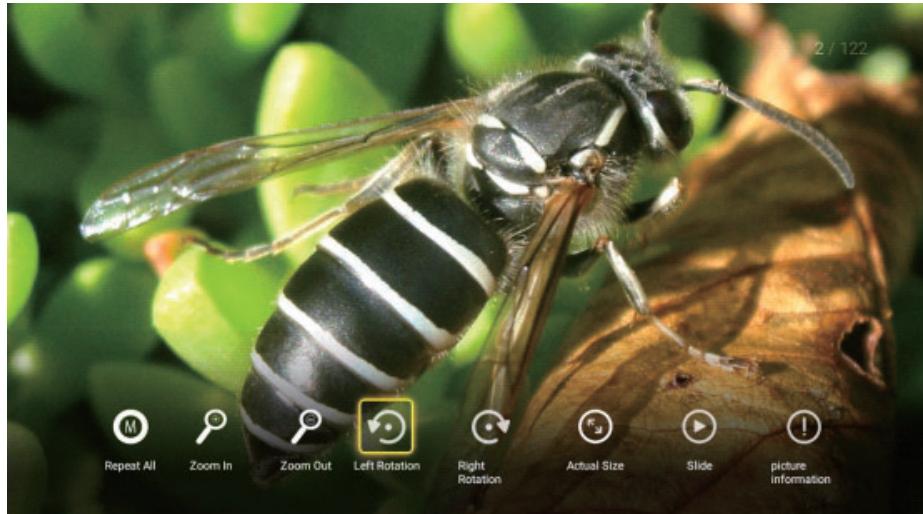
3.1 Video

Select the video you want to play in the directory.



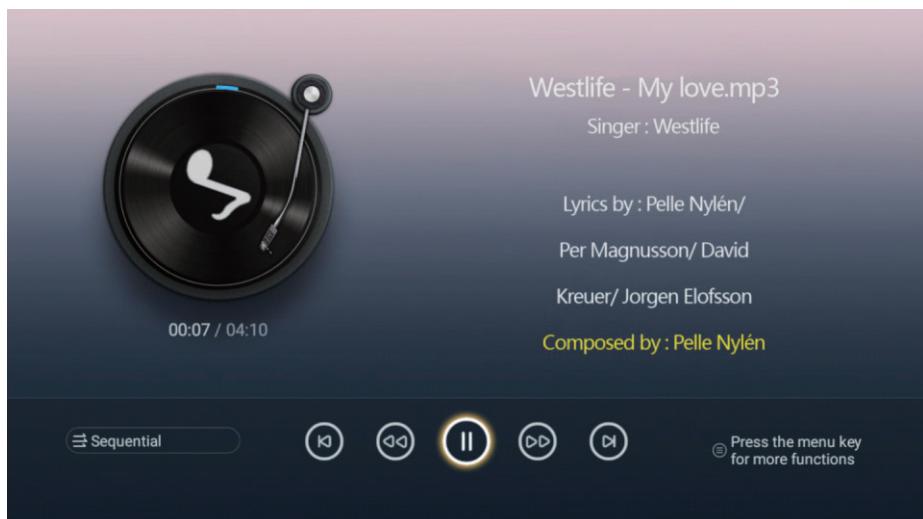
3.2 Picture

Select the image you want to play in the directory.



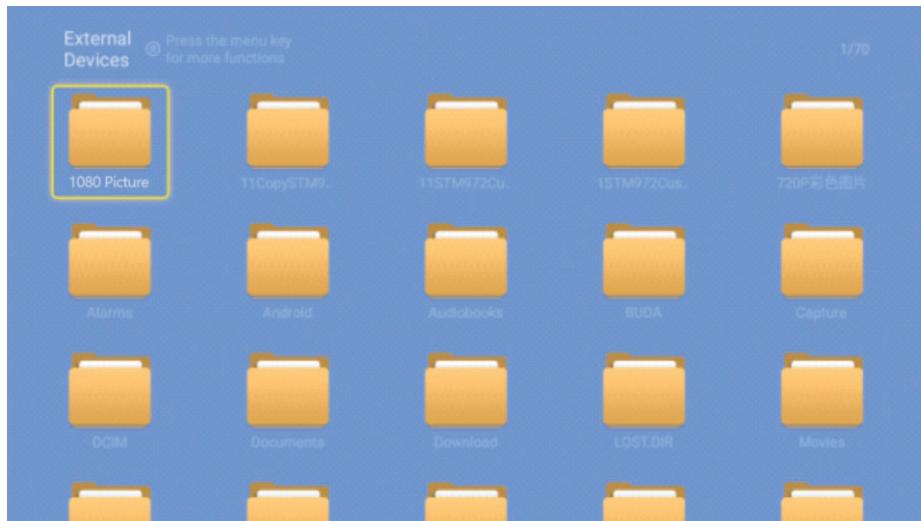
3.3 Music

Select the music you want to play in the catalog.



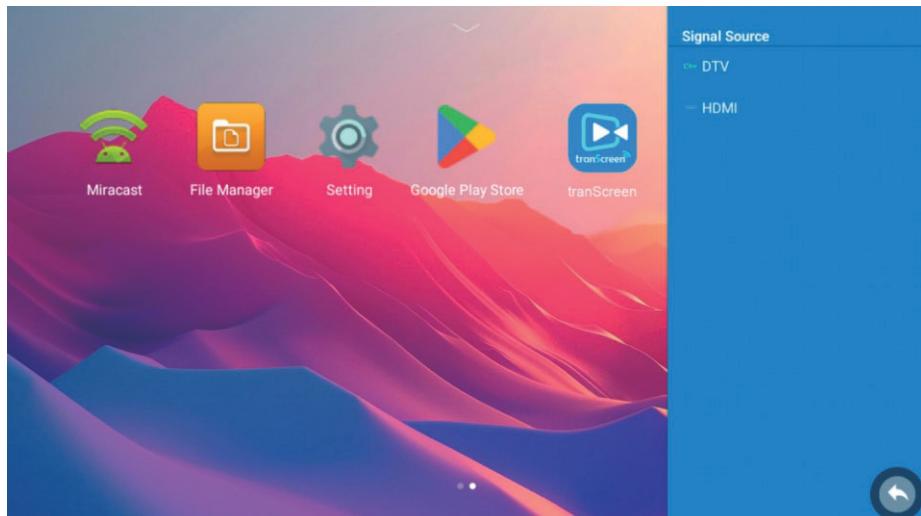
3.4 File

Select the file in the directory you want to view.



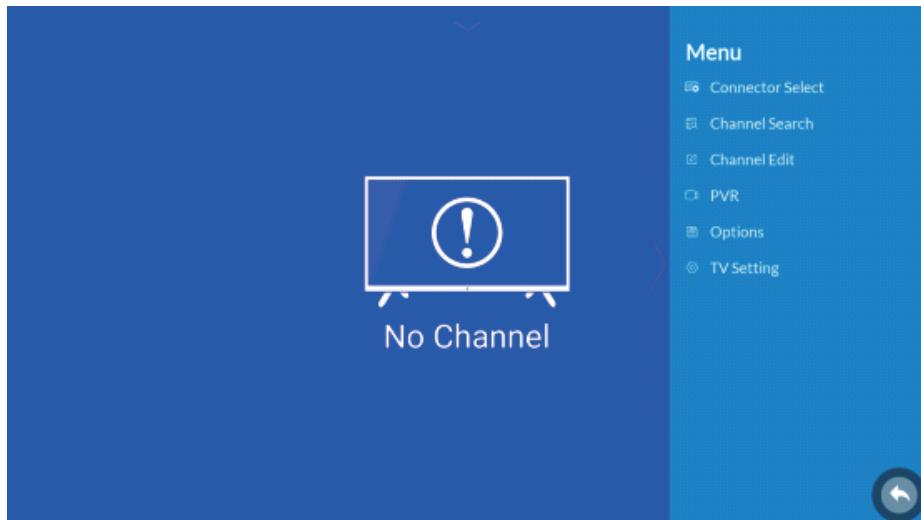
4 Input Source

The user presses the channel key to pop up the channel menu for channel switching.



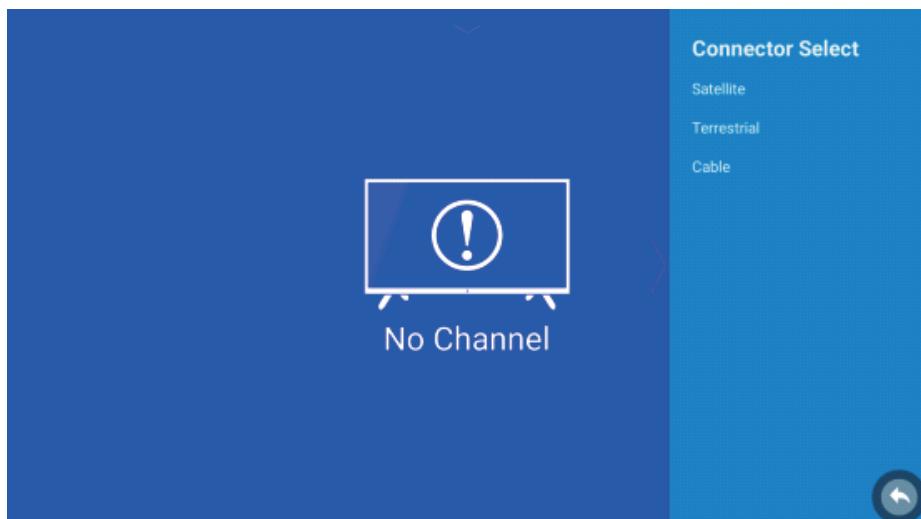
5 Tv Menu

There are connector selection, channel search, channel editing, PVR, channel options.



5.1 Connector Select

There are DVB-S (satellite), DVB-T (terrestrial), and DVB-C (cable) options

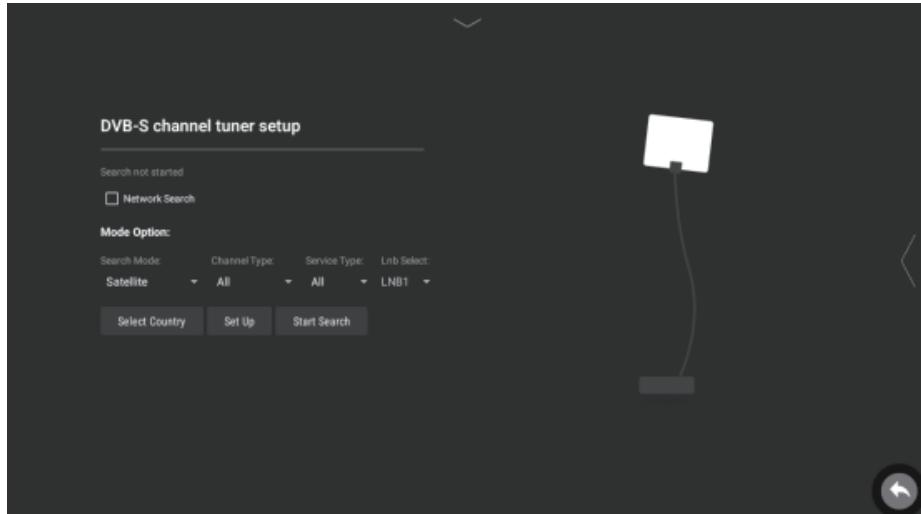


5.1.1 Channel Search

Channel search is divided into :DVB-S,DVB-T,DVB-C three connector search.

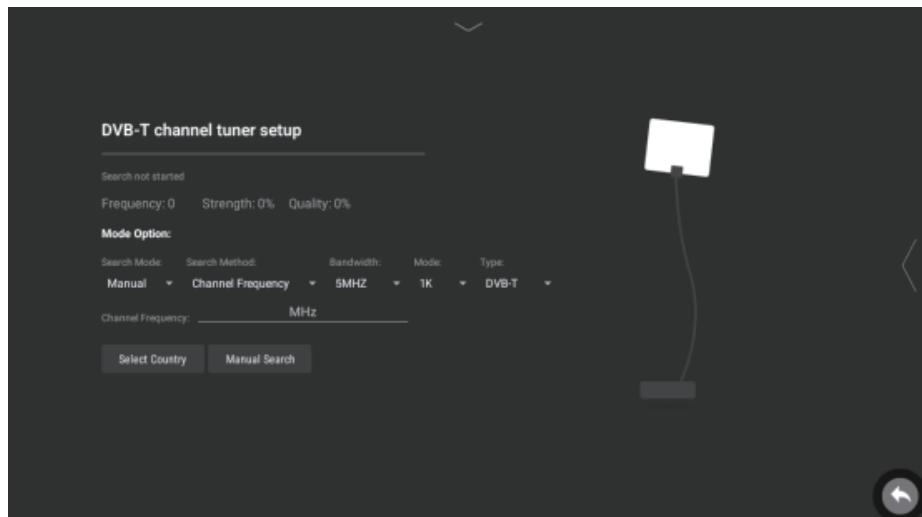
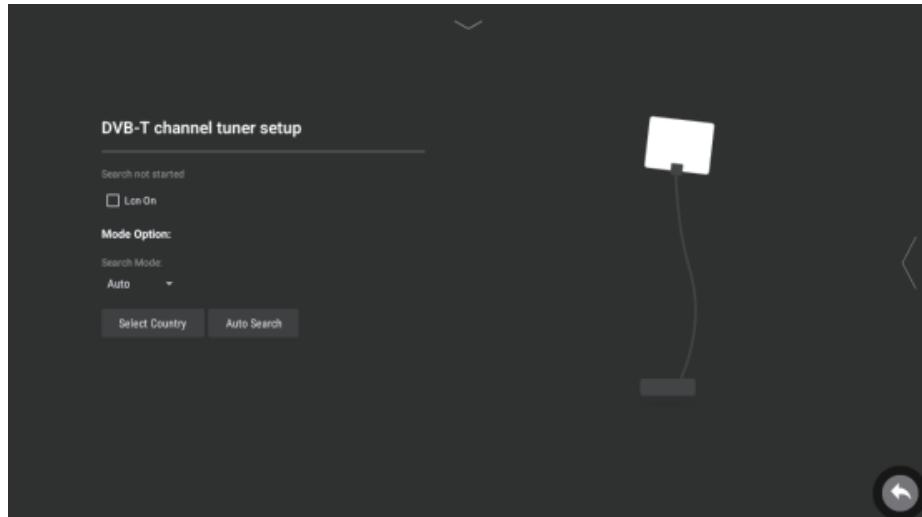
5.1.2 DVB-S Channel Search

DVB-S mode search station, need to select search mode, channel type, service type,Lnb selection (Low Noise Blockconverter selection)



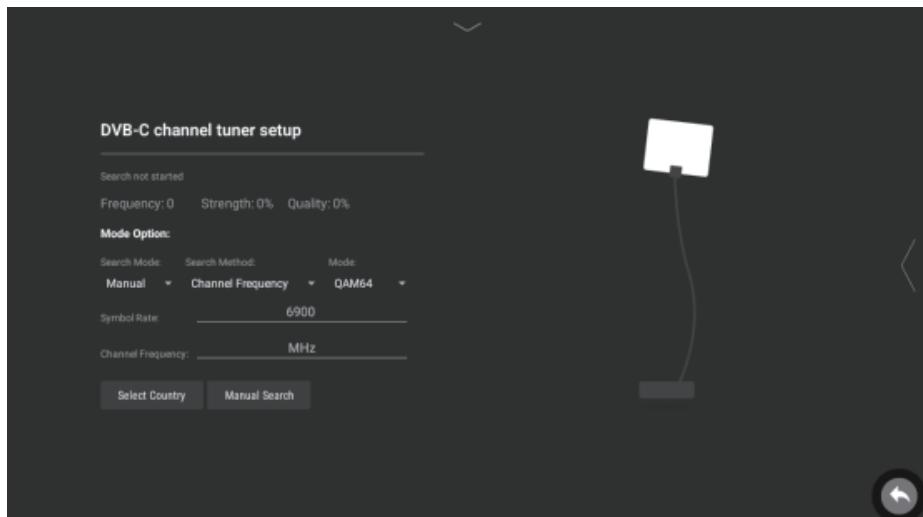
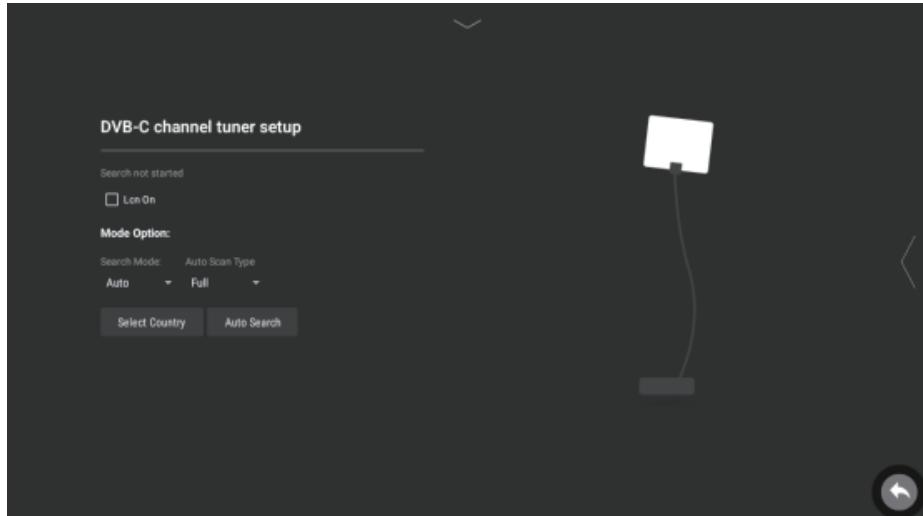
5.1.3 DVB-T Channel Search

DVB-T search has automatic and manual search, automatic search, click automatic search to start the search, manual search needs to set: search method, bandwidth, mode and type, input channel frequency after click manual search.



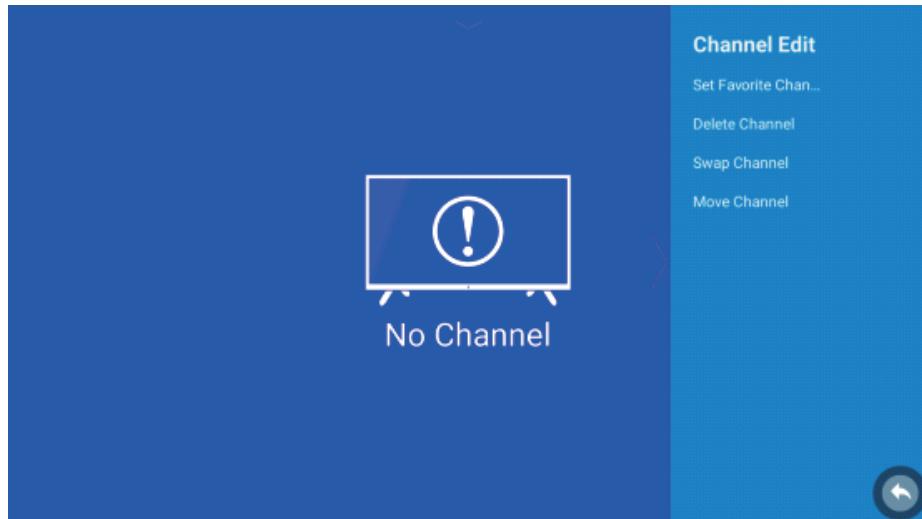
5.1.4 DVB-C Channel Search

DVB-C search has automatic and manual search, automatic search, click automatic search to start the search, manual search needs to set: search method, mode, input symbol rate, channel frequency after the search.



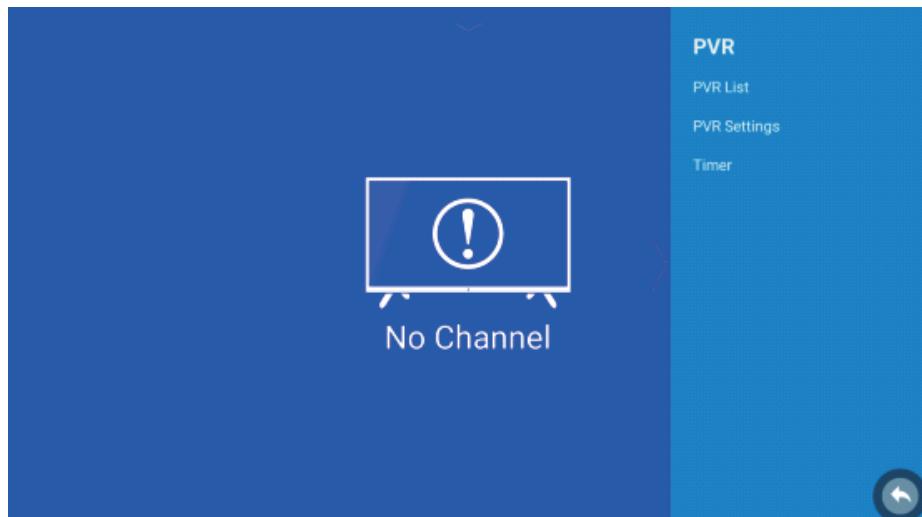
5.2 Channel Edit

Select any channel, you can move, edit, and set it as your favorite.



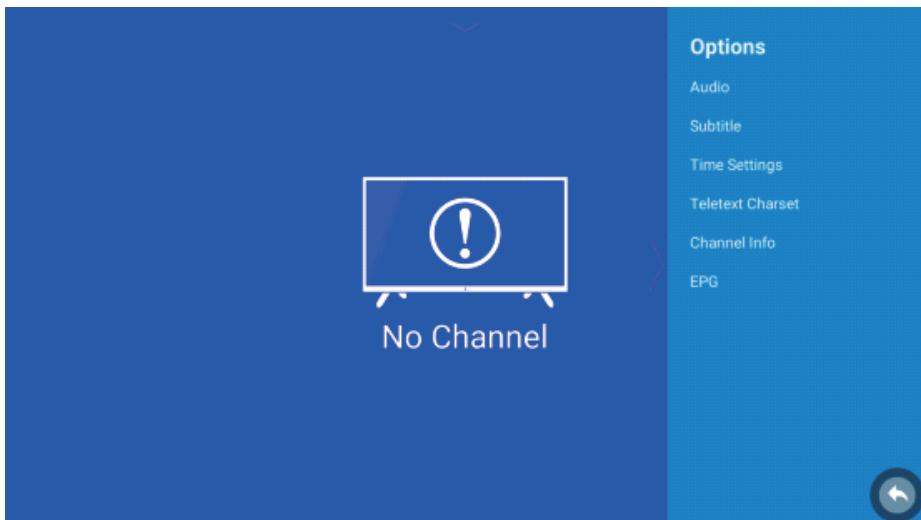
5.3 PVR

Pvr recording program.



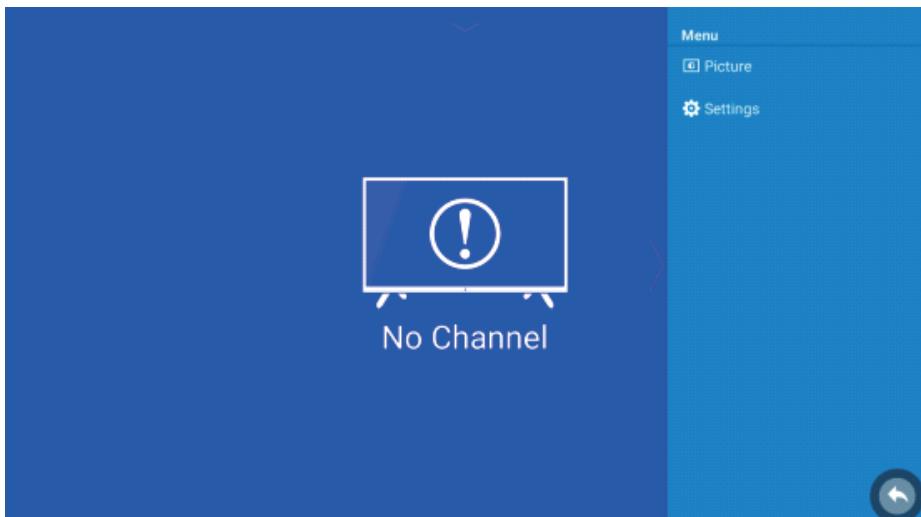
5.4 Options

Select "Options" to set and view information such as sound language, signal format, sound format, etc.



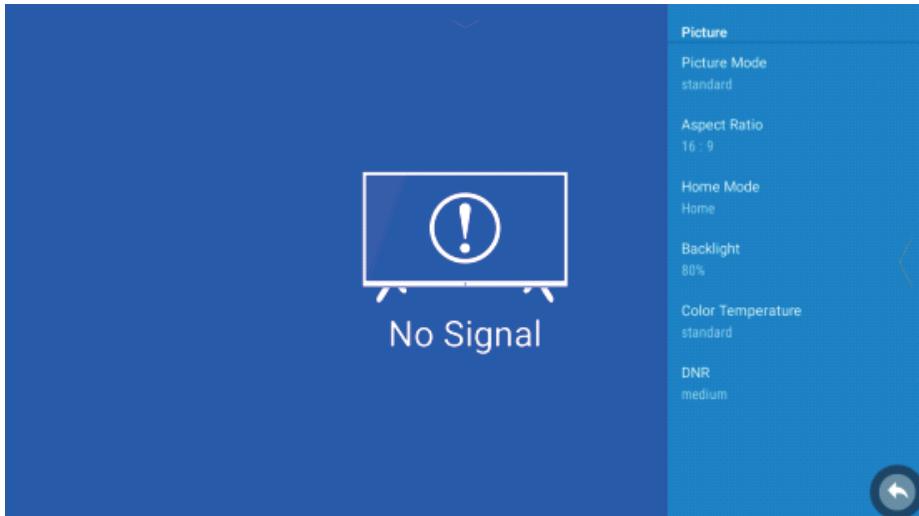
5.5 TV Setting

In the TV source interface, click the right arrow button to pop up the TV menu. Users can set the picture mode, advanced items and other options according to their preferences.



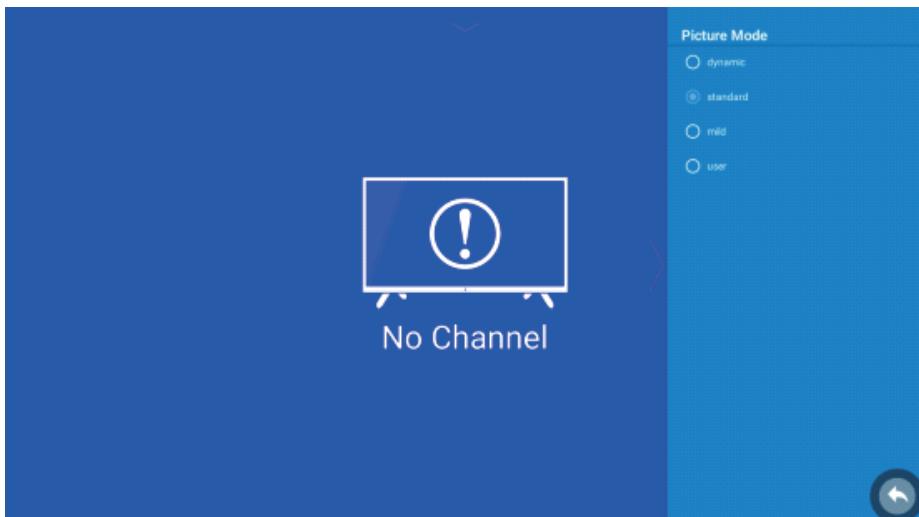
5.5.1 Picture

The picture menu includes picture mode, display mode and advanced.



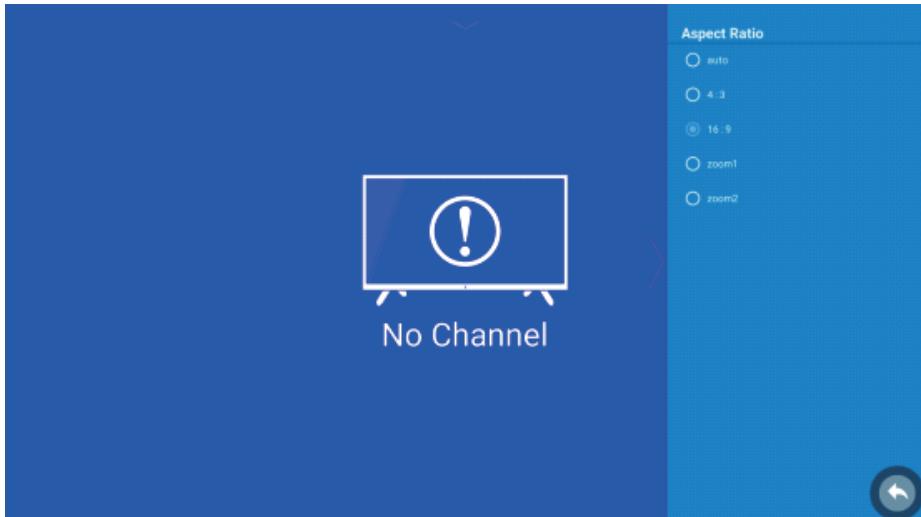
5.5.1.1 Picture Mode

The system has several image modes for users to choose. In addition, the brightness, contrast, saturation and sharpness in standard mode can be adjusted separately according to your preference.



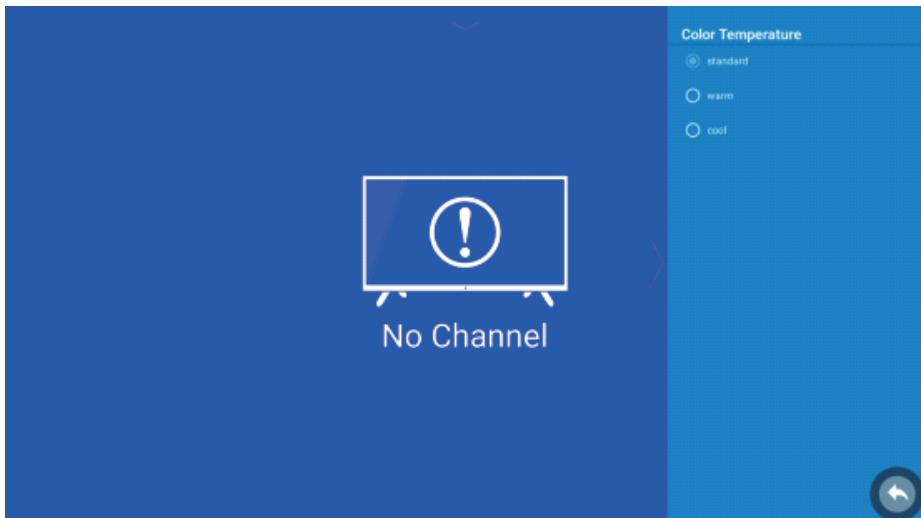
5.5.1.2 Display Mode

The proportion mode includes: 16:9, auto, 4:3, panorama, etc., and the user can switch freely according to the scene.



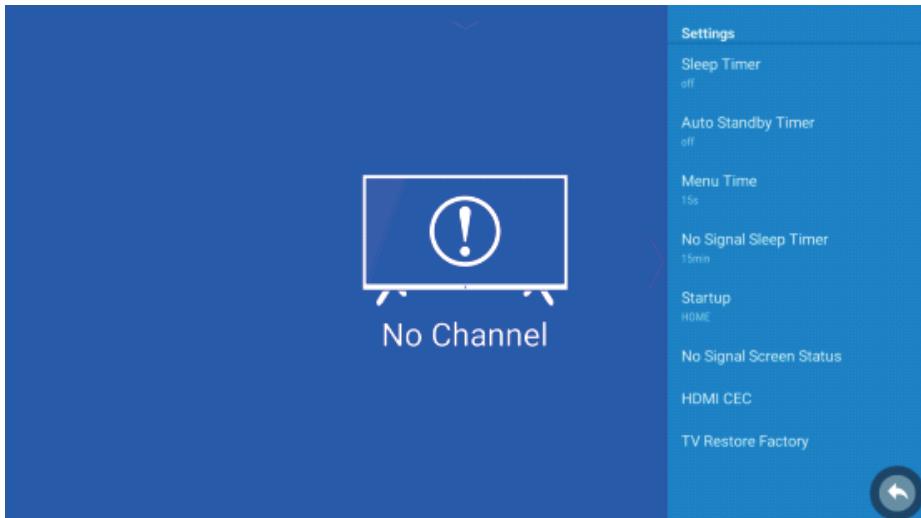
5.5.1.3 Advanced

The advanced menu includes color temperature mode (standard, warm, cool) and noise reduction mode (high, medium, low, and off).



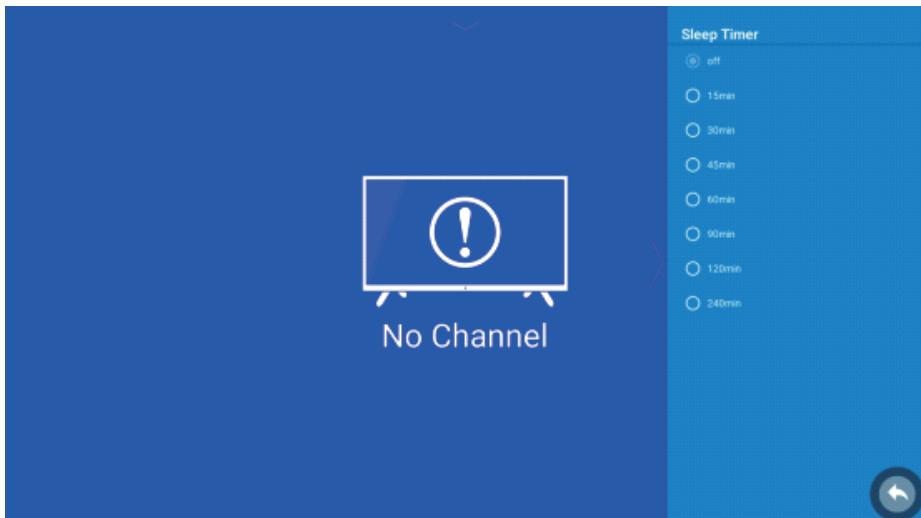
5.6 Settings

The settings menu includes options such as sleep time, automatic shutdown time, menu time, startup desktop, and menu reset.



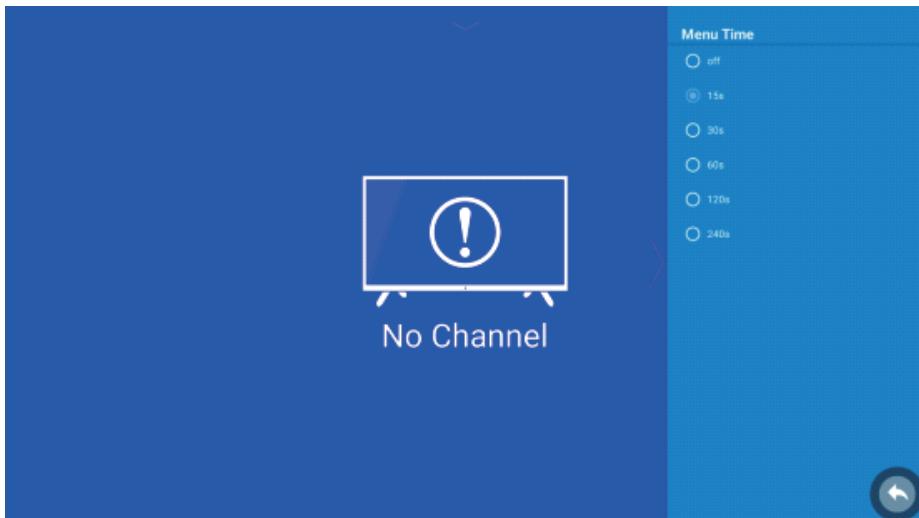
5.6.1 Sleep Time

Options include off, 15, 30, 45, 60, 90, and 120 minutes. The system will automatically standby after the countdown.



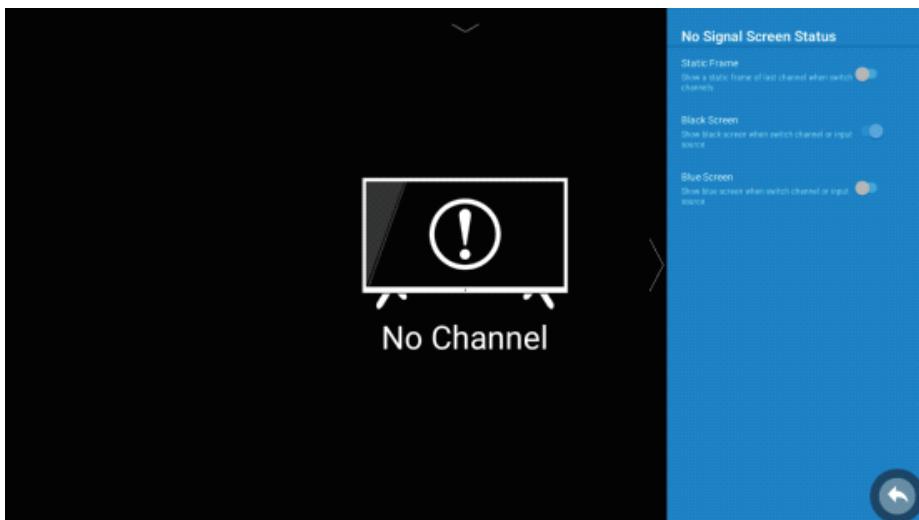
5.6.2 Menu Time

Options are: Off, 5, 10, 20, 30, 60 seconds. When the system counts down, the TV menu will disappear automatically.



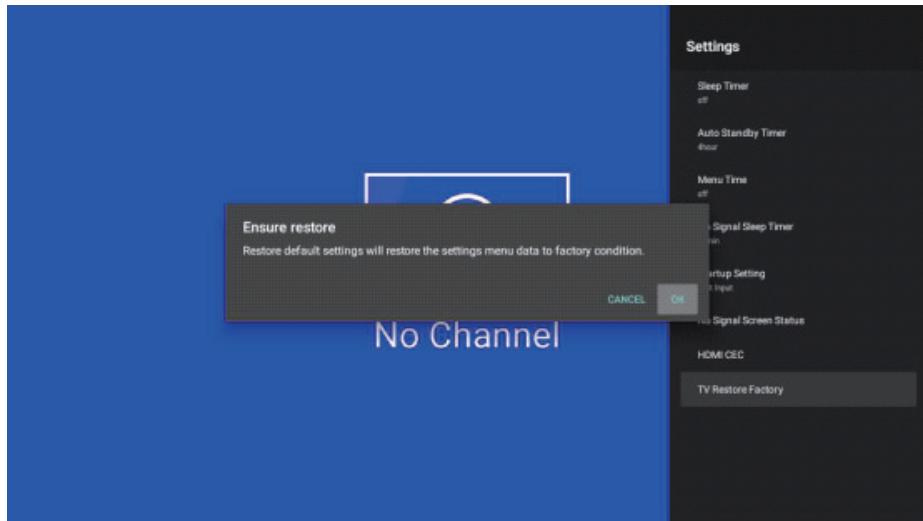
5.6.3 Black Screen

The black screen switch controls whether the screen displays black or blue when there is no signal.



5.6.4 Restore Setting

To restore the TV menu value.



Sound Regulation:

A. Top "Power / Mode Selection / Volume" rotate left to decrease volume, rotate right to increase volume.
Turn "Volume" down in the control screen to reduce the volume, and turn "Volume" up to increase the volume.

B. After clicking the top "Bass" at the top, rotate the "Power / Mode Selection / Volume" to the left or right within 5 seconds to adjust the bass level.
After clicking "Treble" at the top, rotate the "Power / Mode Selection / Volume" to the left or right within 5 seconds to adjust the treble level.

Note: If no operation is performed within 5 seconds after clicking "Bass" or "Treble" at the top, the bass/treble adjustment will be exited automatically.

Microphone and guitar functions:

A. Click the "Microphone Switch" in the control screen to turn the microphone and guitar functions on or off.

B. The back of the amplifier MIC interface is inserted into the microphone (or GUITAR interface inserted into the guitar), and then it has the corresponding signal output;
Turn on the power supply of wireless microphone (when the product is delivered), have signal output when calling mark, wireless microphone distance > 10 meters.

C. Click the "Microphone Volume Up" or "Microphone Volume Down" button at the top to adjust the microphone volume.

D. After clicking the "Microphone Bass" at the top, rotate the "Power / Mode Selection / Volume" to the left or right within 5 seconds to adjust the microphone bass level.
After clicking the "Microphone Treble" at the top, rotate the "Power / Mode Selection / Volume" left or right within 5 seconds to adjust the microphone treble.
After clicking "Microphone Reverb" at the top, rotate the Power / Mode Selection / Volume to the left or right within 5 seconds to adjust the microphone reverb level.

Note: Click the top "Microphone Volume" or "Microphone Bass" or "Microphone Treble" or Microphone Reverb" to do not operate within 5 seconds, then automatically exit the Microphone Bass/ Treble/ Reverb adjustment.

Video Input Function:

The DVT parameters are as follows:

ATV	Receiving range	47.25MHz - 867.25MHz
	Input Impedance	75Ω
	Video System	PAL, NTSC, SECAM
	Sound System	BG, DK, I, L/L'
		NICAM/FM/AM/A2
DTV	Receiving range	DVB-T/T2: VHF (42MHz - 230MHz), UHF (474MHz - 862MHz)
		DVB-C: (114MHz - 858MHz)
		DVB-S/S2: (900MHz - 2200MHz)
	Input Impedance	75Ω
	Video System	MPEG-2 MP@ML, MPEG-2 MP@HL, H.264,
		H.265: Supports Main/Main-10 profile & Scalable, Main & Scalable Main-10 profile, level 4.1, high tier, Supports 8-bit/10-bit color depth
	Bandwidth	7MHz/8MHz
	Modulation	DVB-T: COFDM 2/8K, QPSK, 16QAM, 64QAM
		DVB-T2: QPSK, 16QAM, 64QAM, 256QAM
		DVB-C: 16QAM, 32QAM, 64QAM, 128QAM, 256QAM
		DVB-S2: QPSK, 8PSK
	Sound System	MPEG-1 Layer 1/2, MPEG-2 Layer 2, DD*, DD+*
	Basic Functions	EPG, Subtitle, LCN, TELETEXT(Europe), MHEG-5(UK)

HDMI supports CEC, UART and ARC, with the following parameters:

HDMI	Format	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
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Click "DVT" to select TV input, the TV signal is input into the video S/S2 or T/T2 interface, and the product plays TV audio and video.

Click "HDMI" to select HDMI input. other devices output HDMI signal through the HDMI cable input to the video HDMI interface, and the product will plays HDMI audio and video.

Specification:

Model	HD-1016
Input Port	10.1 display/TV/BT/USB/AUX/HDMI(ARC) /DTV, Remote (optional)
Power	80W(Treble 5W*2+Mid-Range 15W*2+Bass 40W*1)
Drive Unit	2" Treble*2+3" Mid-Range*2+5.25" Bass*1
Bluetooth	Ver:5.3, Effective distance greater than 10 meters
Power Input	Lithium battery pack:11.1V/8000mAh or DC 15V/3A
Key function	Master volume and tone, MIC volume and tone, input switching; Top button
Product size	L460xW220xH280mm
Parts List	Manual/Wall mounted adapter/Voice remote control (optional)/Wireless
Box Size	L492xW267xH330mm

FCC Warning

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.