



User Manual

Simultaneous and asynchronous
dual-mode LED player

HD-H20 & H 1 6

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I. Introduction

This article mainly introduces the operation method of HD-H20 /H16 , guiding users to quickly use the synchronous and asynchronous dual-mode LED player. The HD-H20/16 is a brand-new 20/16 Ethernet port synchronous and asynchronous dual-mode LED player that integrates a player, video processing, third-party APP applications , local program creation , Android applications, and sending functions . It can replace a computer for direct program creation and playback on terminal devices. It boasts powerful interactive and playback control capabilities, supporting remote control operation of the LED screen and optional wireless screen projection from Windows, iOS, and Android platforms. It supports the connection of peripherals such as central control units, cameras, speakers, and sensors, and has rich hardware interfaces and flexible playback control functions, making it widely used in various application scenarios such as conference rooms, exhibition halls, studios , educational spaces, and hotel lobbies.

- With HDPlayer, LEDart, and Xiaohui Cloud, you can easily create, publish, and control your display screen. For related operations, please refer to the "HDPlayer User Manual", "LEDart User Manual", and "Xiaohui Cloud User Manual".
- HDSet allows you to configure the display and route the screen wiring. For related operations, please refer to the "HDSet User Manual".

The operation of HD-H20 and H16 devices is the same . The screenshots in this article are used as an example for illustration.

II. Front Panel Operation

1. LCD main interface

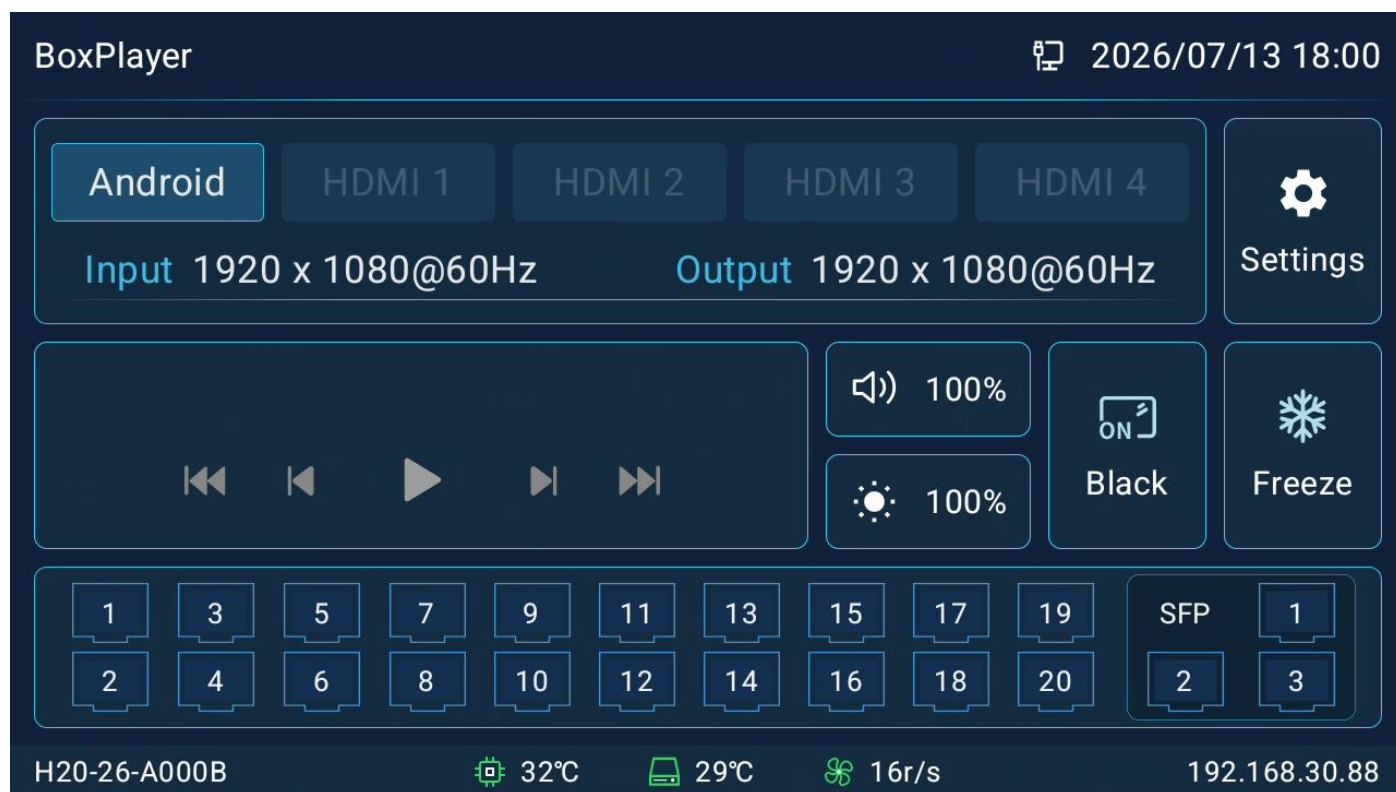
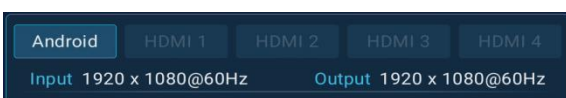


Figure 2-1 Main Interface

Top status bar:  Displays device name, time, and other information;

Bottom status bar:  Displays device ID, CPU temperature, chassis temperature, chassis fan speed, device IP, and other information;

Signal Source:  Displays input and output resolution; selectable signal source.

Signal source type and status:

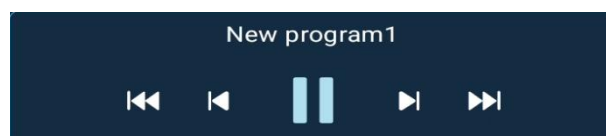
 Signal is connected and in use;

HDMI 1

Signal connected, not in use;

HDMI 2

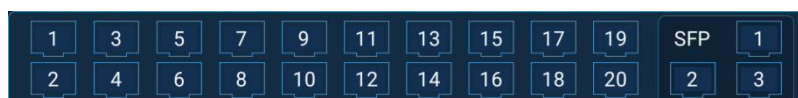
Signal not connected.



Program playback control:

Switch or pause asynchronous

programs and programs controlled by the program playback control.



Ethernet/Optical Port Output:

Displays the

status of the output Ethernet and optical ports.

Status of output network port/optical port:



Connected;



Not connected.



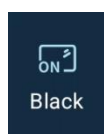
Screen brightness:

Displays the current screen brightness value. Tap the touch button to enter settings and adjust the screen brightness.



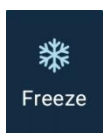
Volume:

Displays the current volume of the device. Tap the touch button to enter settings and adjust the device volume.



One-touch screen off/on:

Tap to turn off the screen, tap again to turn on the screen.



Freeze:

Tap the screen to freeze (pause playback), tap again to resume playback.



Settings:

Tap the touch icon to enter the settings menu.

2. set up

2.1 Deivce Control

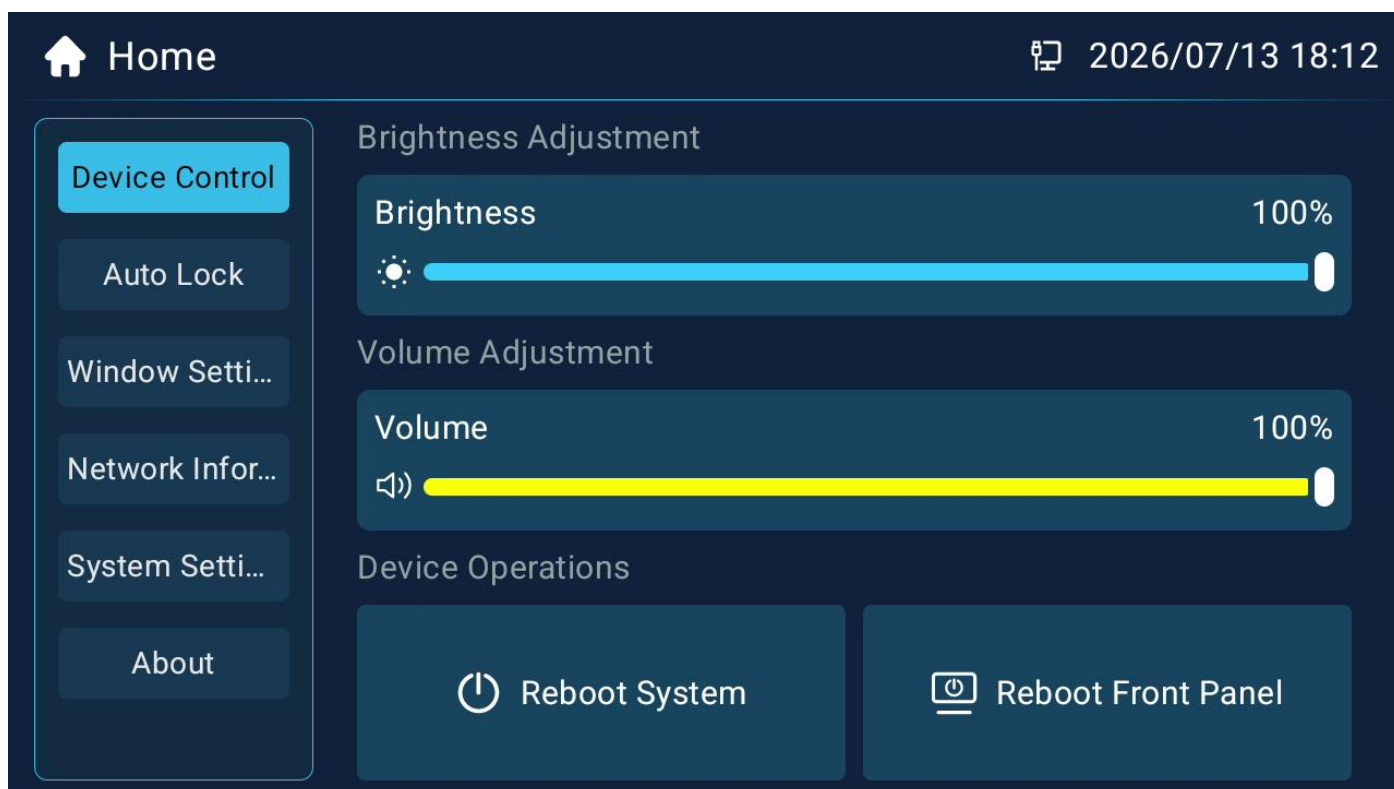


Figure 2-2 Device Control

Brightness/Volume Adjustment: Tap and drag the progress bar to adjust the brightness and volume;

Device operations: Click the button to reboot the Android system or LCD screen.

2.2 Auto Lock

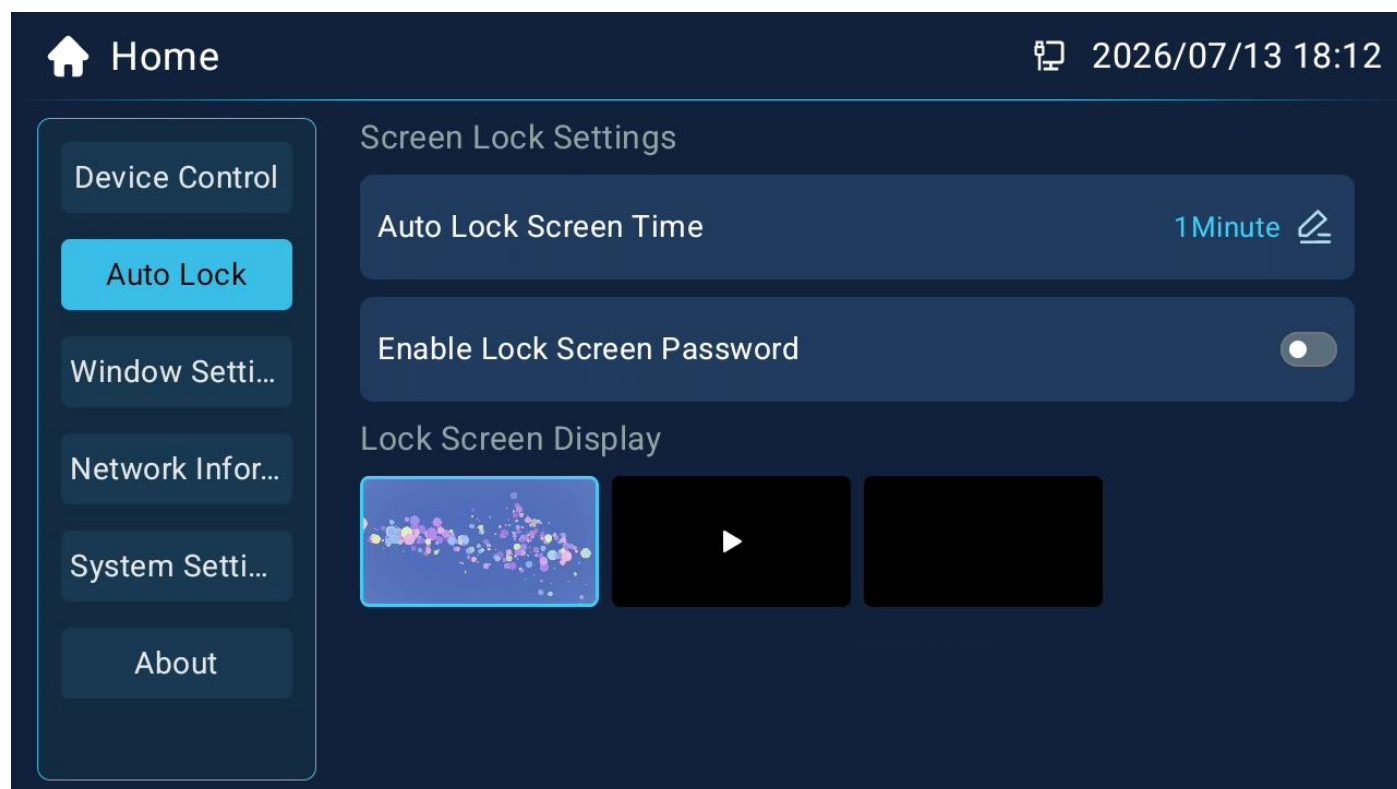


Figure 2-3 Auto Lock

Set automatic screen lock time, enable screen lock password, and turn screen lock display on/off.

2.3 Window Settings

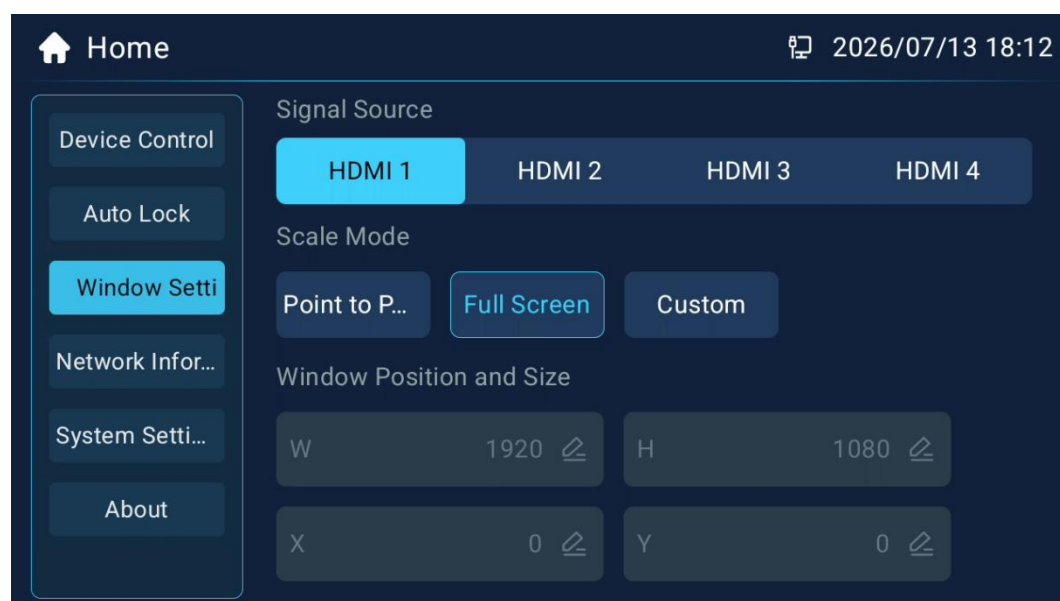


Figure 2-4 Window Settings

Synchronize screen settings; tap to adjust the zoom mode for the signal source. In point-to-point mode, the touch selection area allows you to set the screen coordinates; in custom mode, the touch selection area allows you to set both the screen coordinates and size.

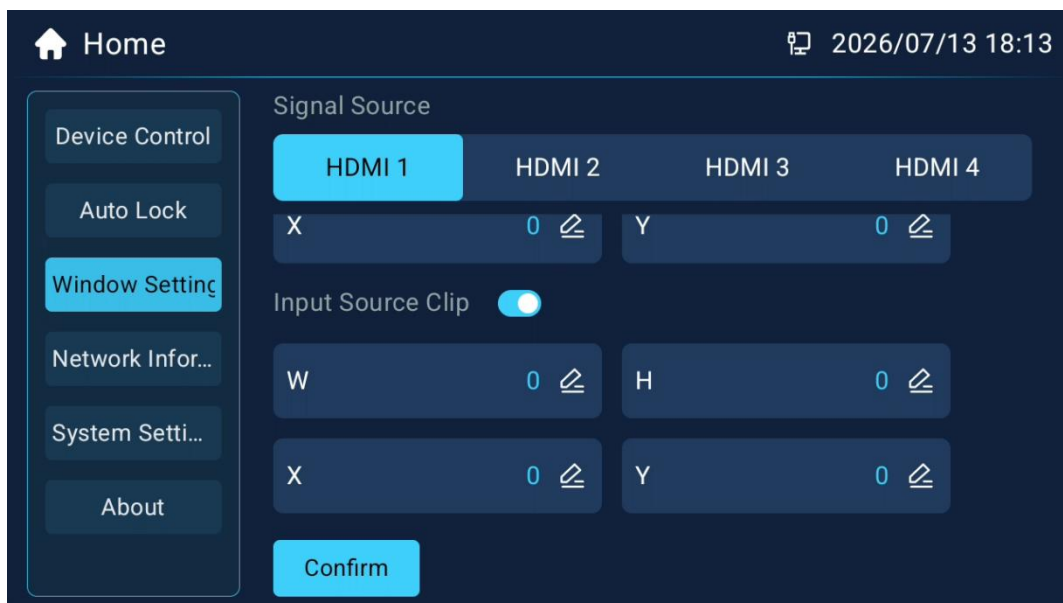


Figure 2-5 Input Source Clipping

Input source cropping on/off, touch selection area settings: adjust screen coordinates and size.

2.4 Network Information

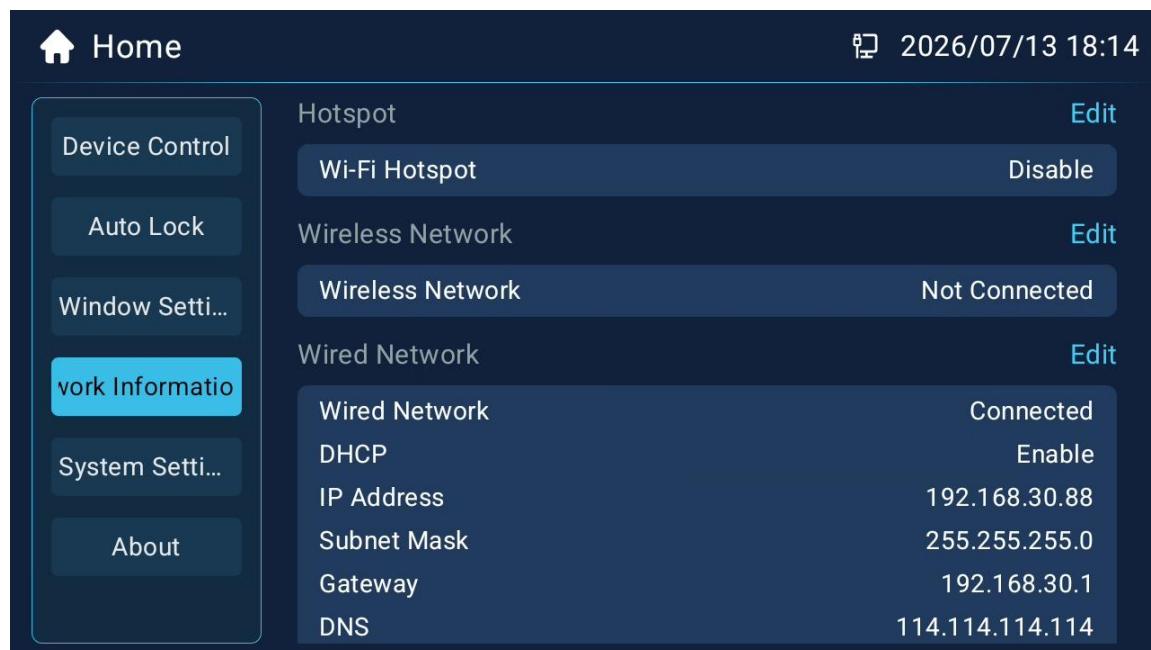


Figure 2-6 Network Information

Hotspot: Touch editing allows you to turn Wi-Fi hotspots on/off, and touch the selection box to modify the Wi-Fi name or hotspot password.

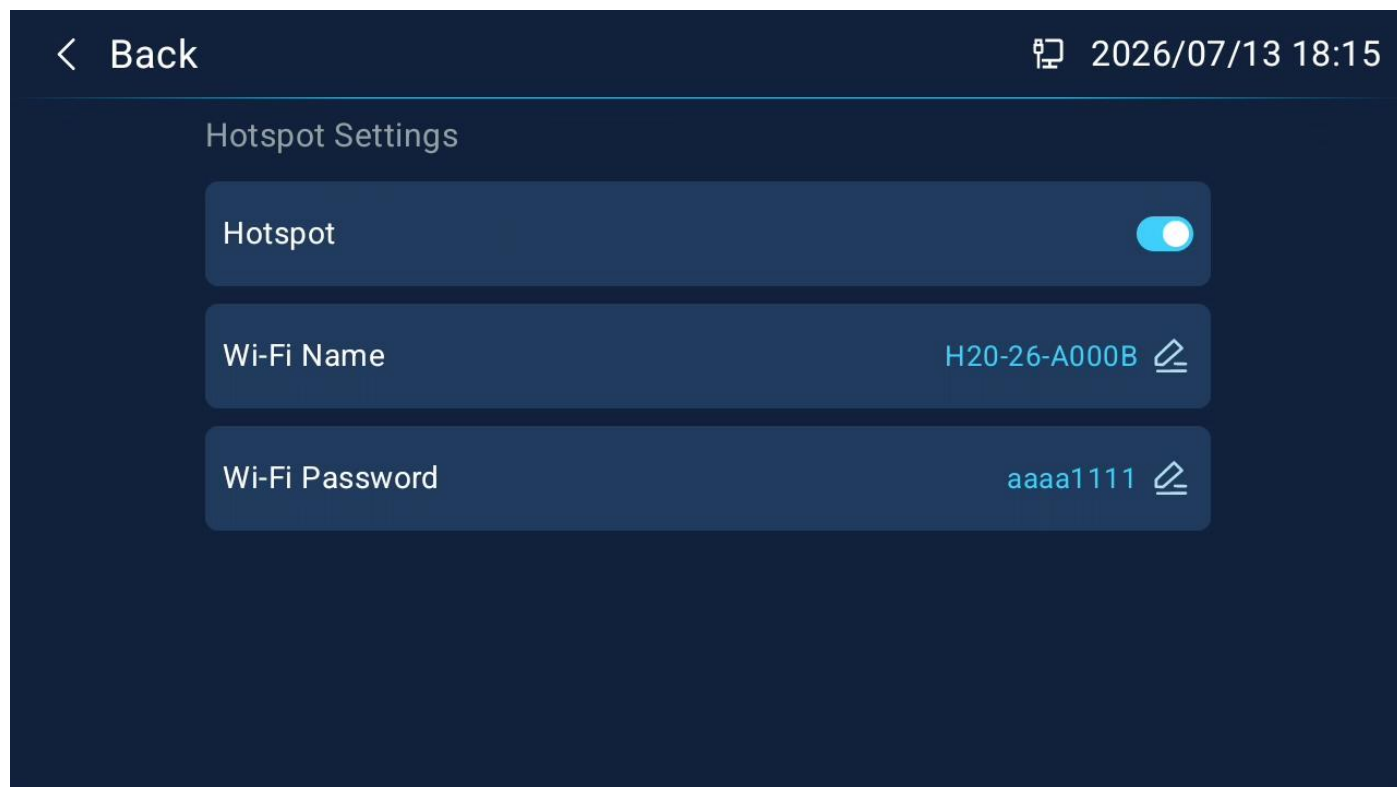


Figure 2-7 Wi-Fi Hotspot

Wireless Network: Touch Edit allows you to turn the wireless network on/off, select an available Wi-Fi hotspot, enter the password, and tap OK.

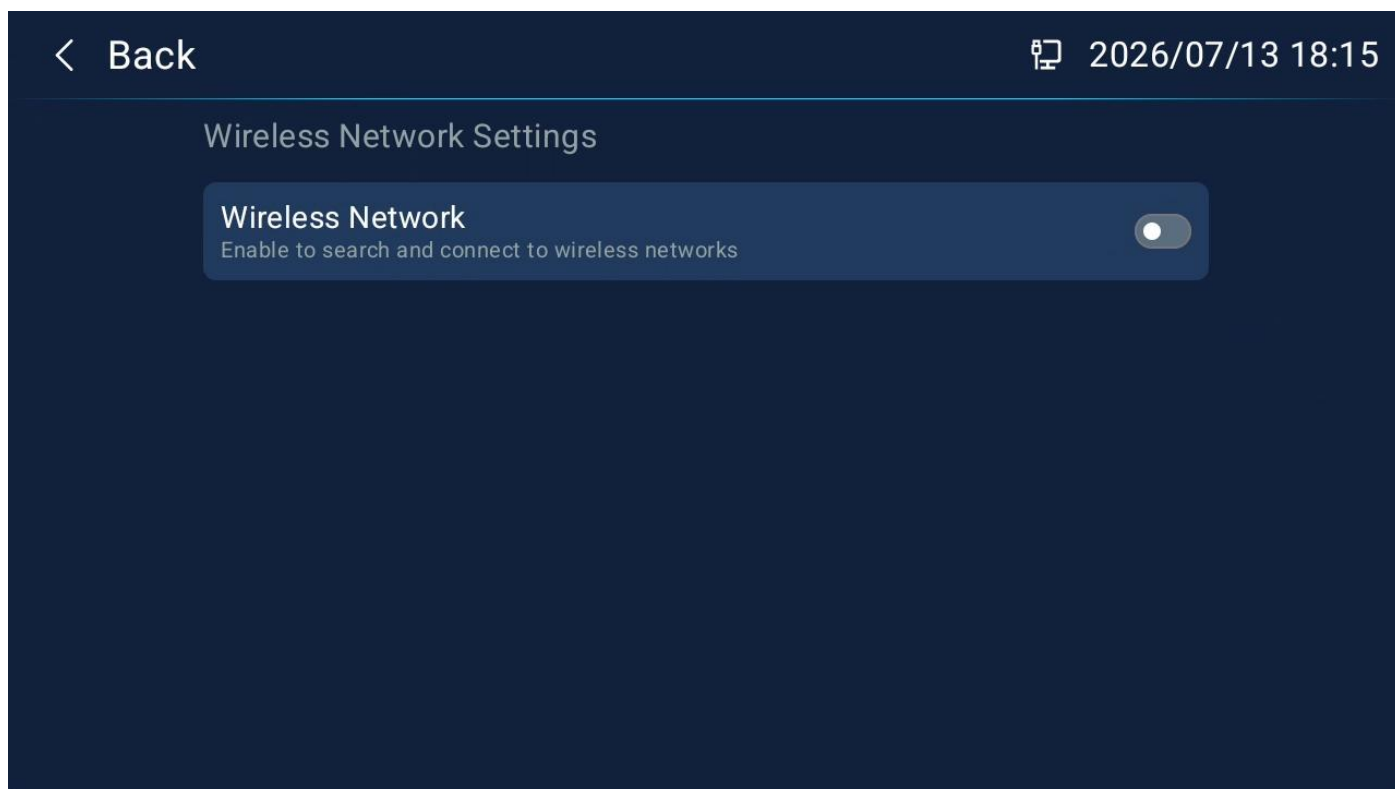


Figure 2-8 Wireless Network

Wired Network: Touch editing allows you to turn the wired network on/off, and touch the selection box to modify the wired network's IP address, subnet mask, gateway, and DNS.

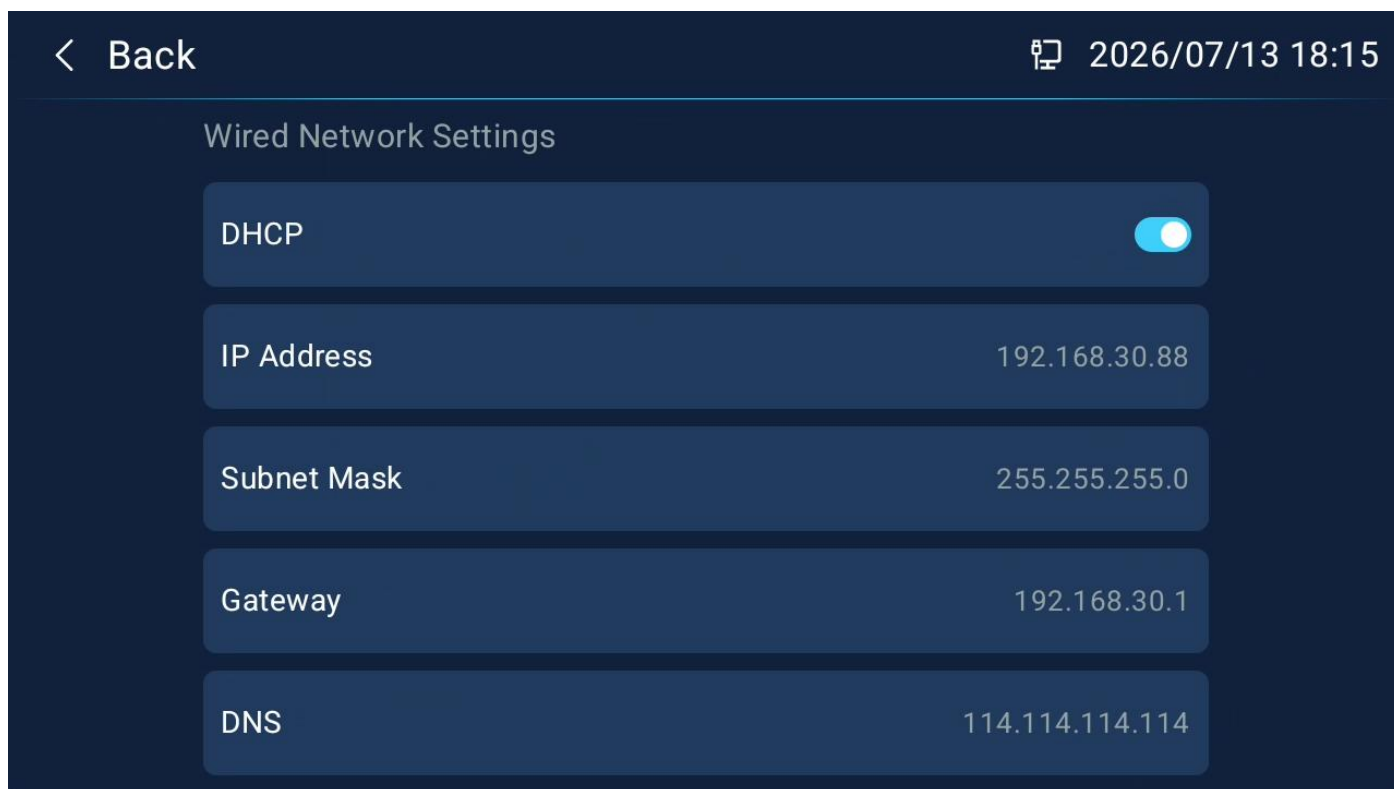


Figure 2-9 Wired Network

2.5 System Settings

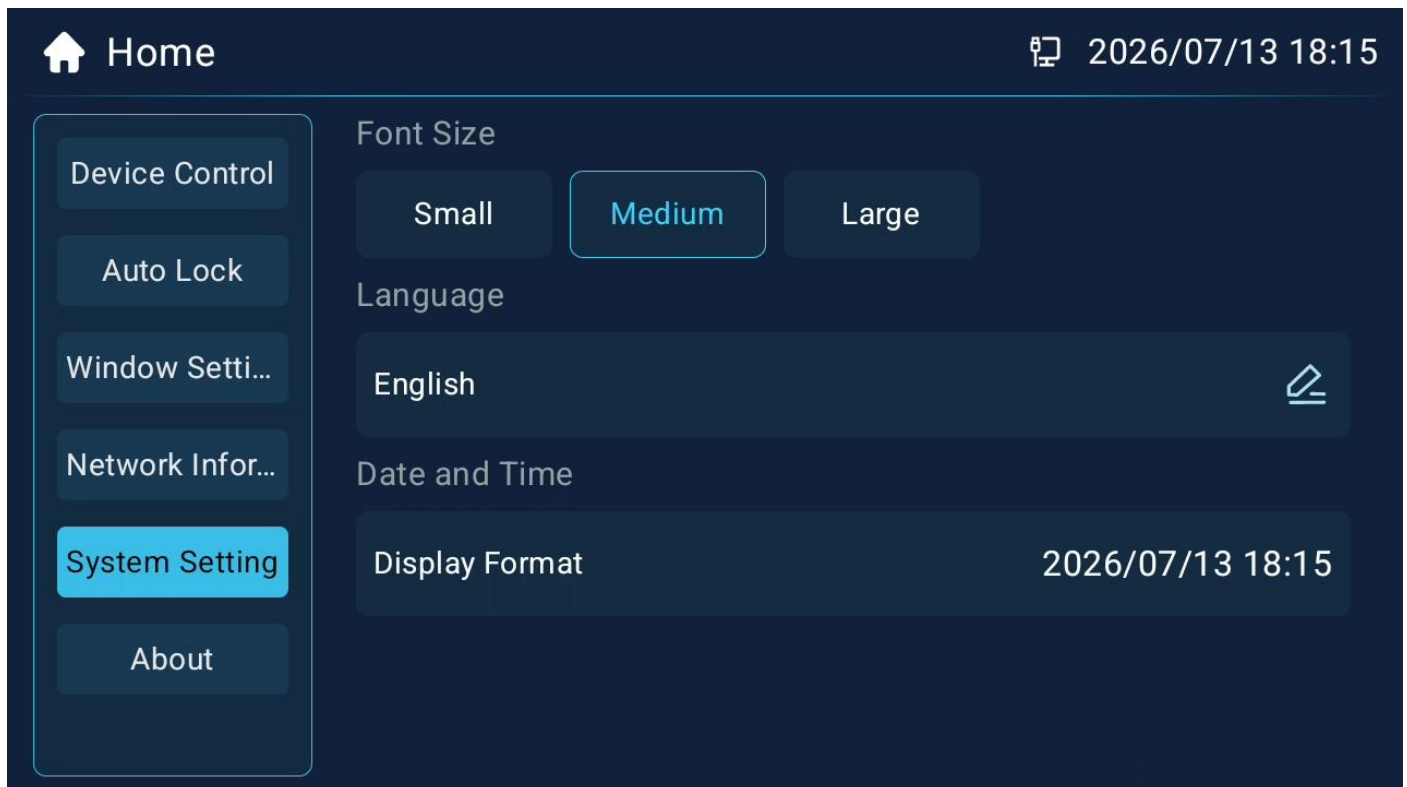


Figure 2-10 System Settings

Font size: Tap to select the font size on the LCD panel.

Language: You can set the language of the LCD panel by touching the selection box. Click to confirm and change the language.

Date and Time : Select the display format for time and date.

2.6 About

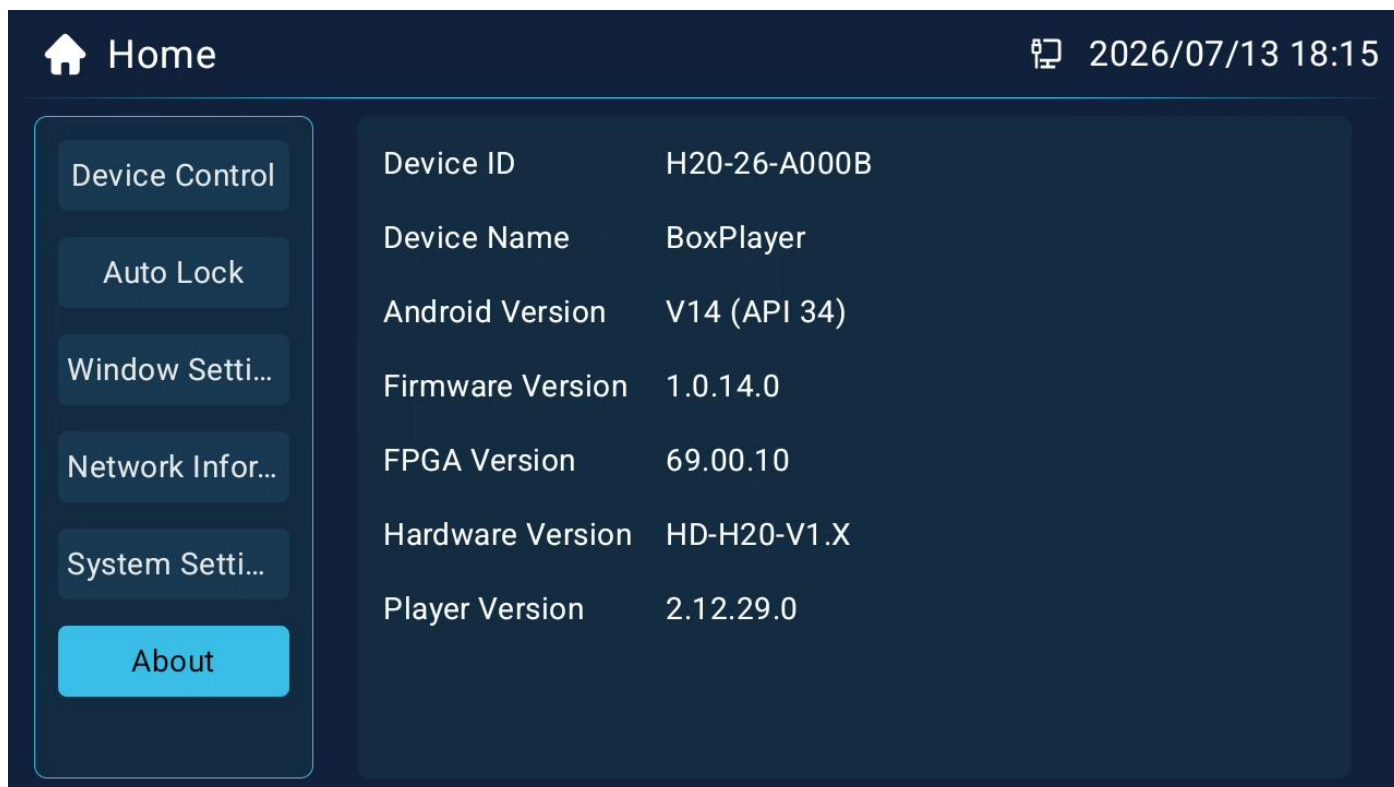


Figure 2-11 About

Display device ID, device name, Android version, firmware version, FPGA version, hardware version, and player version.

3. Button

Main functions: power on/off, screen on/off.



Figure 2-12 Buttons

Power on: Press and hold for 1 second to power on the device; Power off: Press and hold for 3 seconds to power off the device.

Turn on screen: Press and hold for 1 second to turn on the device screen; Turn off screen: Press and hold for 1 second to turn off the device screen.

4. Indicator lights



Figure 2-13 Indicator Lights

The indicator lights are in the following states:

Light not working: No power supply;

Red light flashing: Powering off;

Solid red light: Power off;

Flashing green light: Powering on;

Solid green light: Power on;

Solid blue light: Standby mode.

5. Infrared receiver



Figure 2-13 Infrared Interface

Use in conjunction with the remote control's infrared mode. For usage instructions, please refer to Chapter 3, "Remote Control User Manual".

6. Type-C



Figure 2-14 Type-C

In the default OTG mode, connect the Type-C debugging cable to the computer and the synchronous/asynchronous dual-mode LED player . The debugging software can detect the device model and can be used for screen adjustment functions .

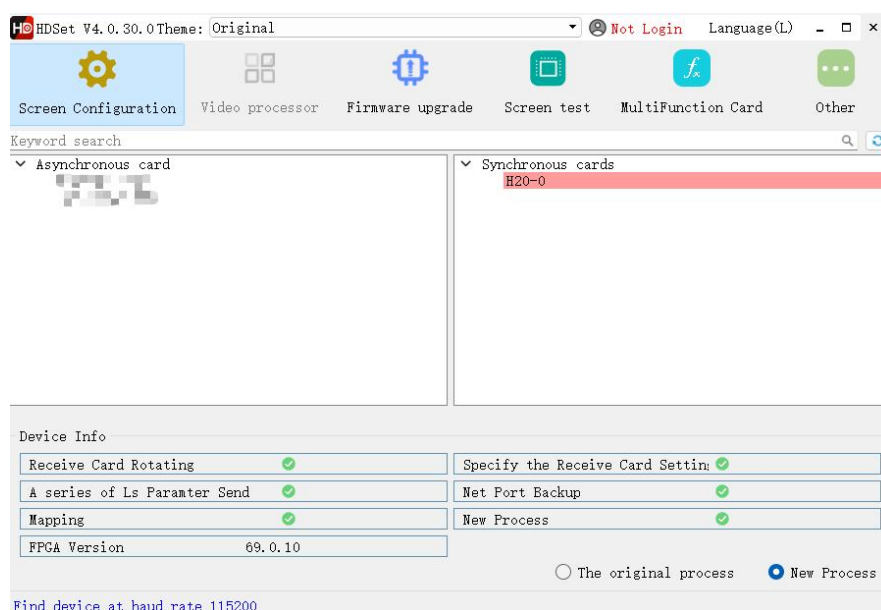


Figure 2-15 Screen adjustment and card finding

III、Quick Use

1. Hardware setup

Step 1: Prepare network cables, HDMI cables, synchronous/asynchronous dual-mode LED players, and other equipment and accessories;

Step 2: Set up the hardware environment according to the diagram below. You can also connect commonly used peripherals such as mouse, keyboard, speakers, and camera as needed.

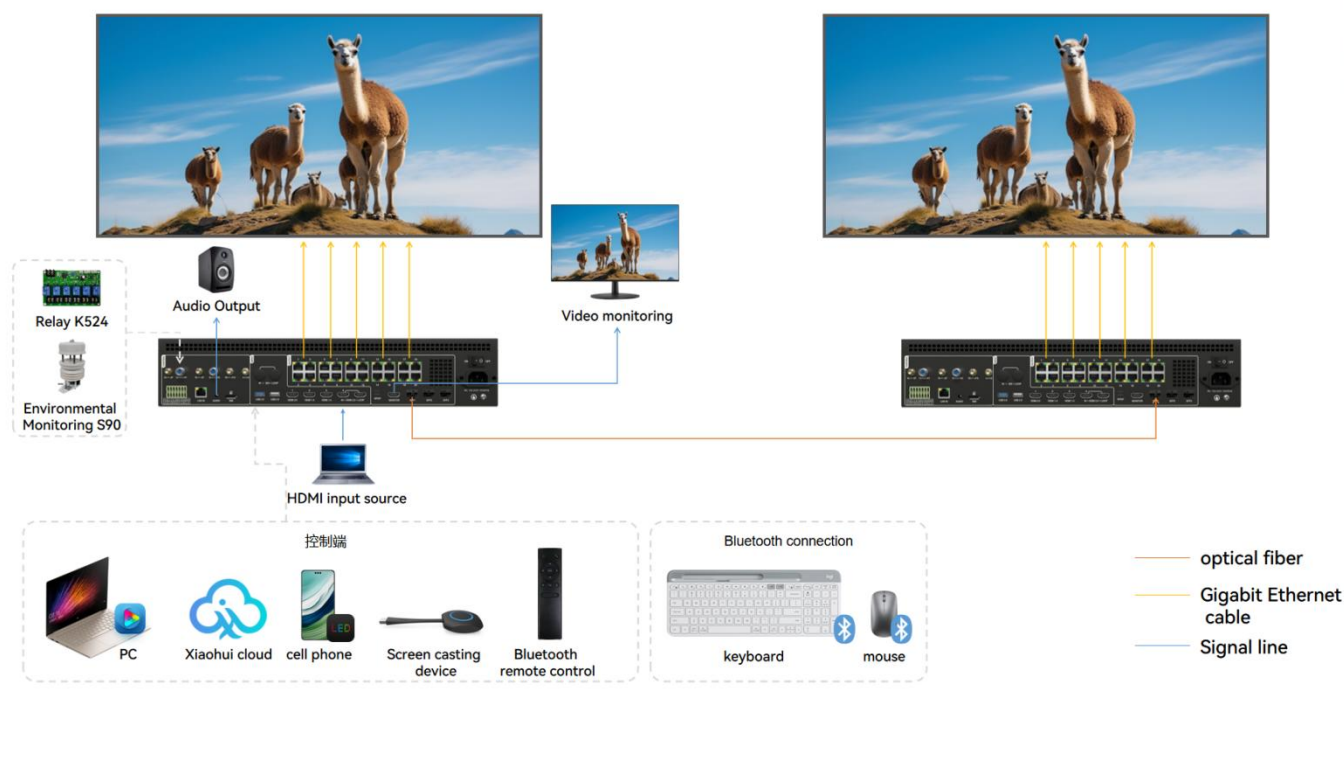


Figure 3-1 Hardware Architecture

Step 3 : Connect the network cable from the LED display screen to the output network port of the synchronous/asynchronous dual-mode LED player in the order shown in the figure .

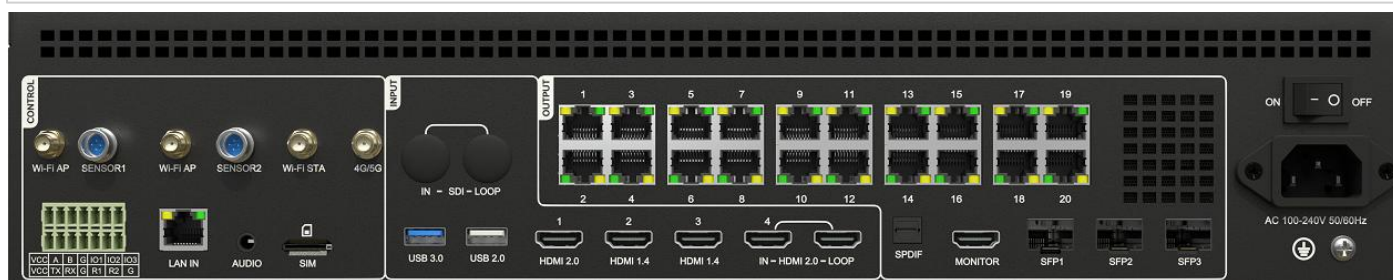


Figure 3-2 Rear Panel

Step 4: Connect the power cord to power on.

2. Install software

PC software: Visit the Huidu Technology website www.huidu.com, download HDPlayer and HDSet, and follow the prompts to install them;

Mobile App: Search for "Ledart" in your mobile app store, download and install it;

3. Desktop initialization settings

When using it for the first time, follow the beginner's guide to complete the initial setup.

Step 1 Select the system language; options include English, Simplified Chinese, and Traditional Chinese.

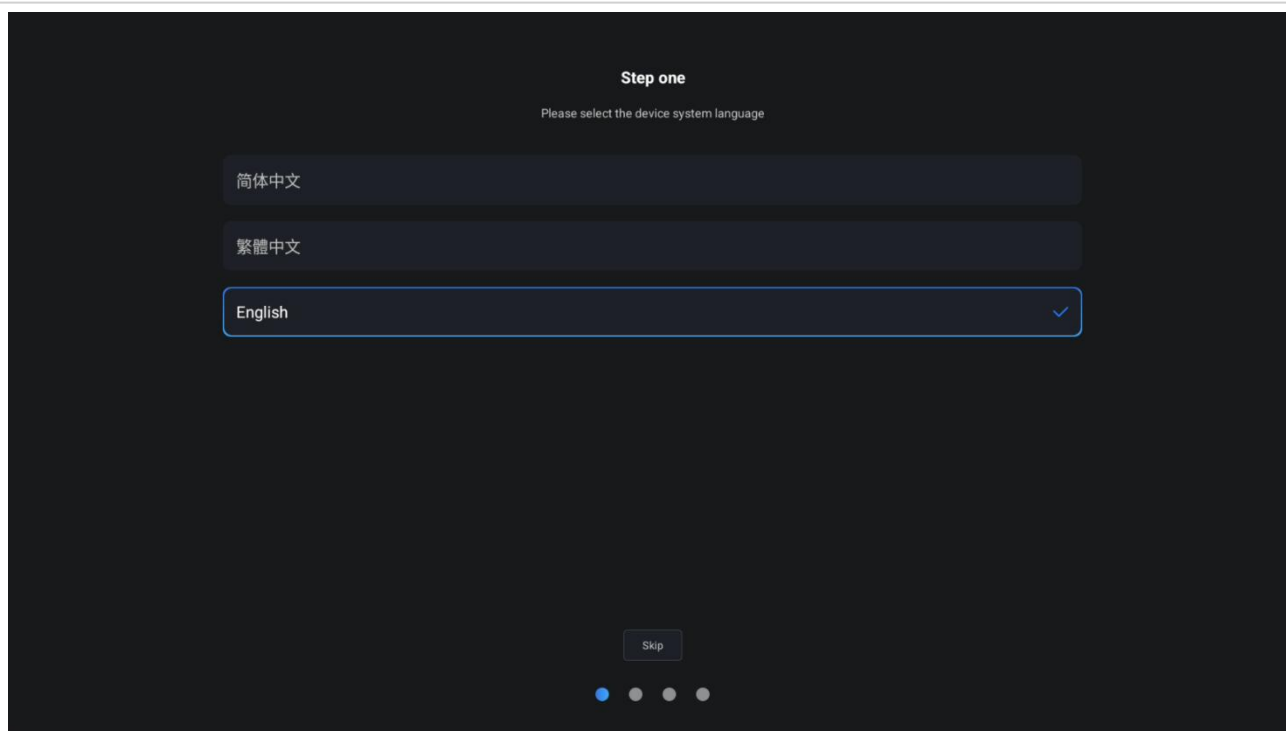


Figure 3-3 Language Selection

Step 2 (Optional) Bluetooth pairing of the remote control: Press and hold the "OK" and "-" buttons simultaneously to pair via Bluetooth.

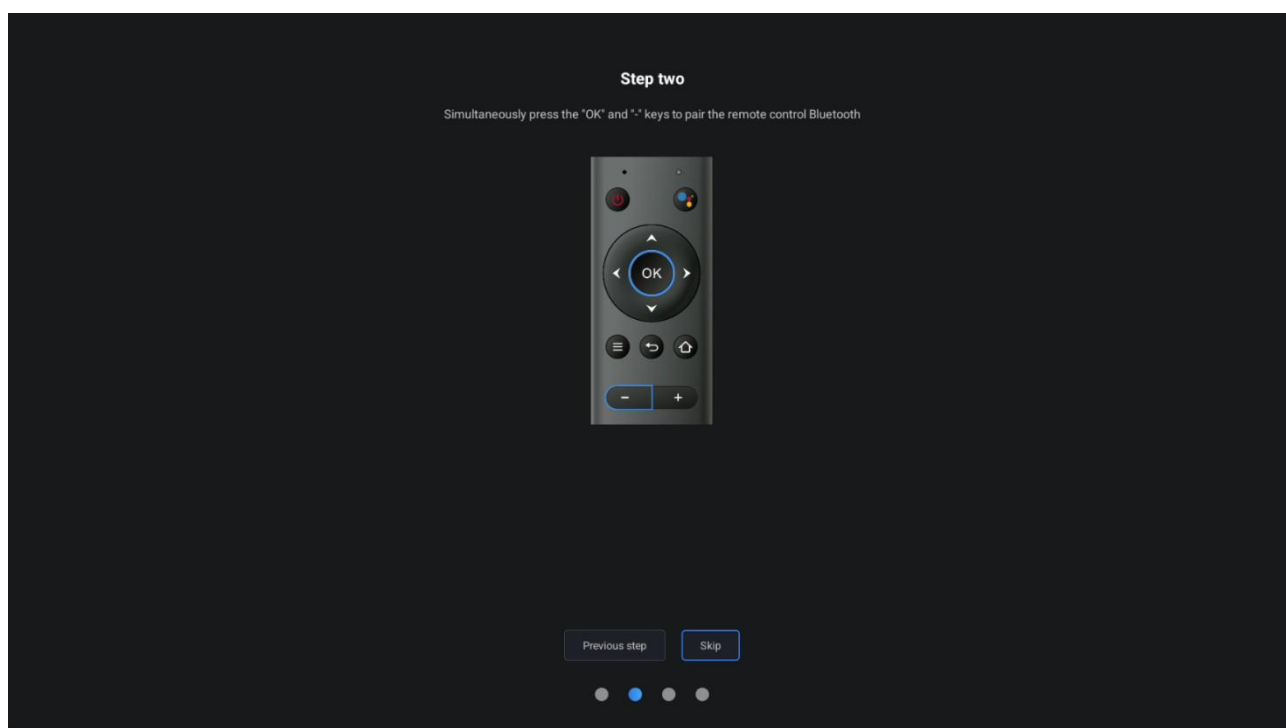


Figure 3-4 Remote control pairing

Step 3 (Optional) Select the Wi - Fi network you want to connect to and enter the corresponding password.

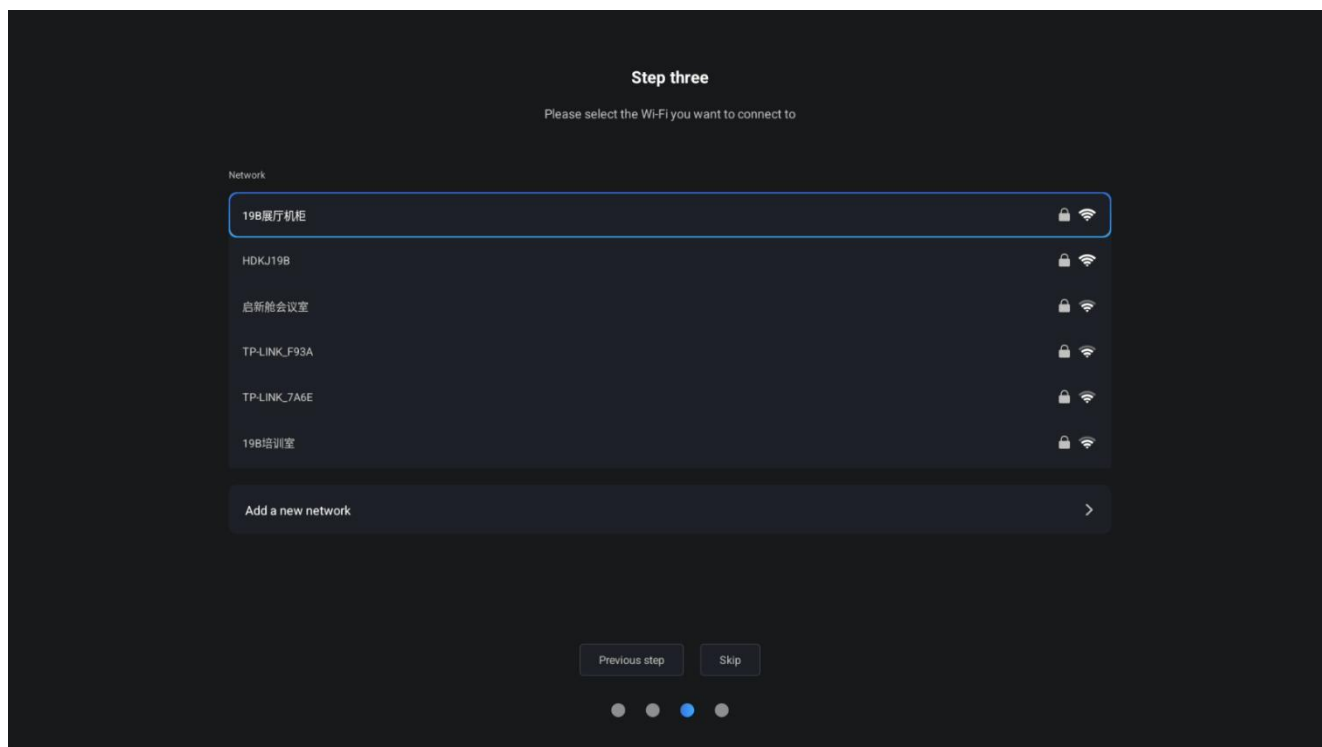


Figure 3-5 Connecting to Wi - Fi

Step 4 (Optional) Customize the device name to make it easier to search using other devices.

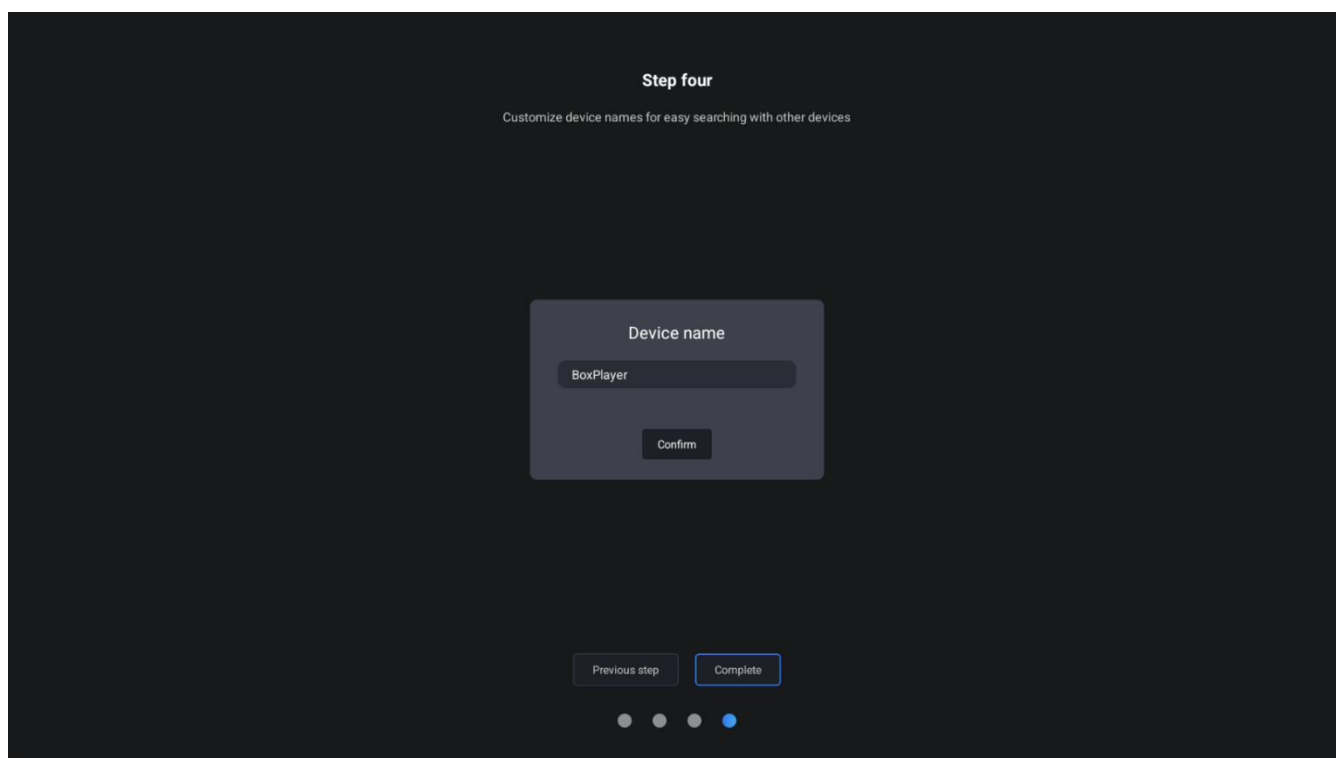


Figure 3-6 Customize Device Name

Step 5 : Click "Complete" in the upper right corner to enter the system's main interface. You can view the beginner's guide or start using the synchronous/asynchronous dual-mode LED player directly.

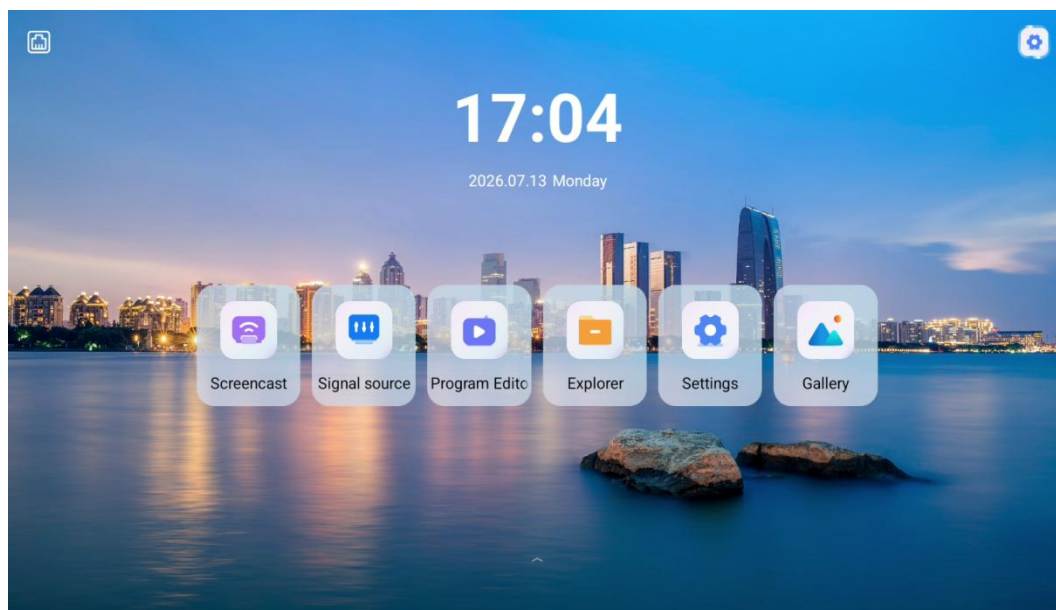


Figure 3-7 System Main Interface

IV、Remote Control User Manual

The remote control can be set to either infrared or Bluetooth mode, with infrared mode being the default.

Infrared mode: Infrared remote control uses infrared light to transmit information.

Bluetooth mode: Enables wireless communication between the remote control and the device via Bluetooth technology.

1. Button Instructions



Figure 4-1 Remote Control Button Sequence

Marking sequence	button	Multimedia playback mode		Asynchronous Mode		HDMI IN		HDMI LOOP	
		Short press	Long press	Short press	Long press	Short press	Long press	Short press	Long press
1	Indicator Lights	The remote control flashes twice in infrared mode and once in Bluetooth mode.							
2	switch	Optional shutdown/standby, power on	Turn off the player box	Screen is black/en, or the device is turned on	Turn off the player box	Close the current input source screen	Turn off the player box	Close the current input source screen	Turn off the player box
3	voice	Infrared Mode: Open Operation Guide	Infrared Mode: Open Operation Guide	Infrared Mode: Open Operation Guide	Infrared Mode: Open Operation Guide	Infrared Mode: Open Operation Guide	Infrared Mode: Open Operation Guide	Infrared Mode: Open Operation Guide	Infrared Mode: Open Operation Guide
4	superior	Focus Up	/	(Multiple programs) Switch to the previous program,	/	/	/	/	/
5	Left	Move the focus left and switch to the previous program	Play back	Reduce brightness	Quickly reduce brightness	/	/	/	/
6	right	Move the focus right and switch to the next program	Fast forward	Increase brightness	Rapidly increase brightness	/	/	/	/
7	OK	Open application/confirm, pause/resume playing	/	Pause/resume playback	/	/	/	/	/
8	Down	Move the focus up and enter the broadcast control settings	/	(Multiple programs) Switch to the next program, (Single	/	/	/	/	/
9	menu	Open/Close source menu	View screen projection and WiFi information	Open/Close source menu	Playback control settings	Open/Close source menu	Open/Close source menu	Open/Close source menu	Open/Close source menu
10	Home	Return to the main interface	/	Return to the main interface	/	Return to the main interface	/	Return to the main interface	/
11	return	Exit the application, cancel the operation, return to the previous page	Return to the home page from the play page	Return to the home page from the play page	/	Return to the main interface/asynchronous mode	/	Return to the main interface/asynchronous mode	/
12	reduce	Volume down	Volume down	Volume down	Volume down	Volume down	Volume down	Volume down	Volume down
13	add	Increase volume	Increase volume	Increase volume	Increase volume	Increase volume	Increase volume	Increase volume	Increase volume

Note: The remote control is divided into infrared and Bluetooth modes.
The default mode is infrared mode. Press OK and minus at the same time to flash continuously (can be paired with Bluetooth). When pairing, the indicator light flashes quickly first and then stays on. When pairing is successful, it goes out.
The multimedia player box switches to Bluetooth mode by pressing the remote control Bluetooth.
Infrared mode:
When short-pressed, the indicator light turns on for 100ms, turns off for 100ms, then turns on for 100ms, and then turns off.
When long-pressed, the indicator light keeps flashing quickly (100ms on, 100ms off), and it goes off immediately when the button is released.
Bluetooth mode:
When short-pressed, the indicator light turns on for 100ms, then turns off.
When long-pressed, the indicator light turns on for 100ms, turns off for 100ms, then stays on, and then it goes off immediately when the button is released.

Figure 4-2 Remote Control Button Description

2. Bluetooth pairing method

Press and hold the " OK " and " - " keys simultaneously until the " Pairing " window pops up .

V、Wireless screen casting

Wireless screen casting switch instructions

The screen casting function can only be used normally after the device's screen casting button is turned on;
turning off the screen casting button will disable the screen casting function.

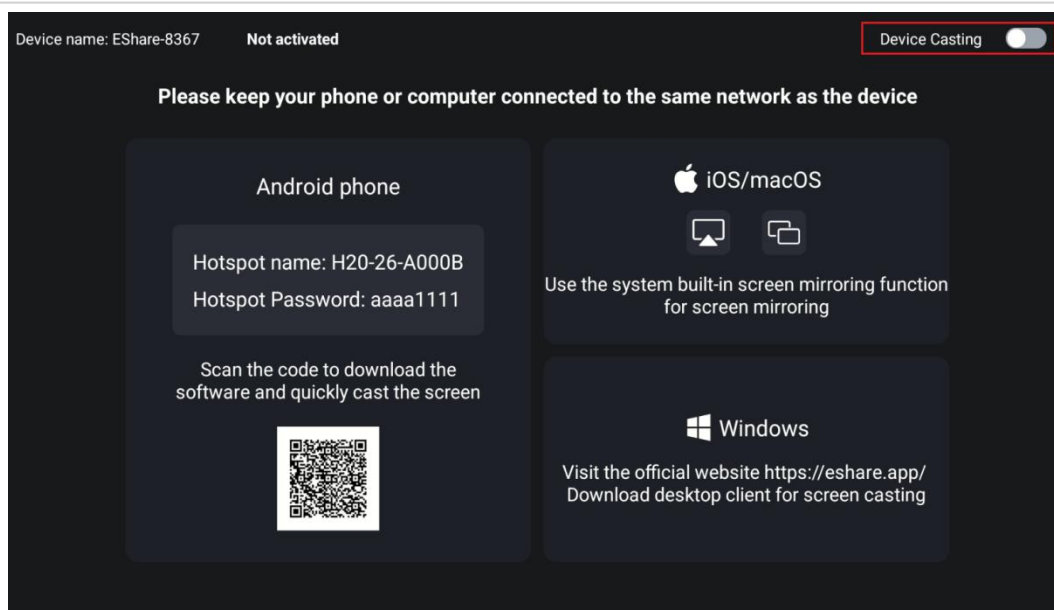


Figure 5-1 Activating wireless screen casting

1. Wireless screen casting activation instructions

Wireless screen casting is an optional feature. If you wish to use this feature, you can purchase an activation code and follow the steps below to activate it.

Step 1: First, on the main system interface, press the remote control and click the "Settings" icon in the upper right corner.

Step 2: Open Network > Wireless Network, connect the synchronous/asynchronous dual-mode LED player to a router with internet access via Wi - Fi . Internet access is required for activation .

Step 3: Enter the system's main interface, click "Wireless Screen Casting," and then click the device screen casting button in the upper right corner to jump to the screen casting activation page . Enter the activation code, click confirm, and wait for activation .

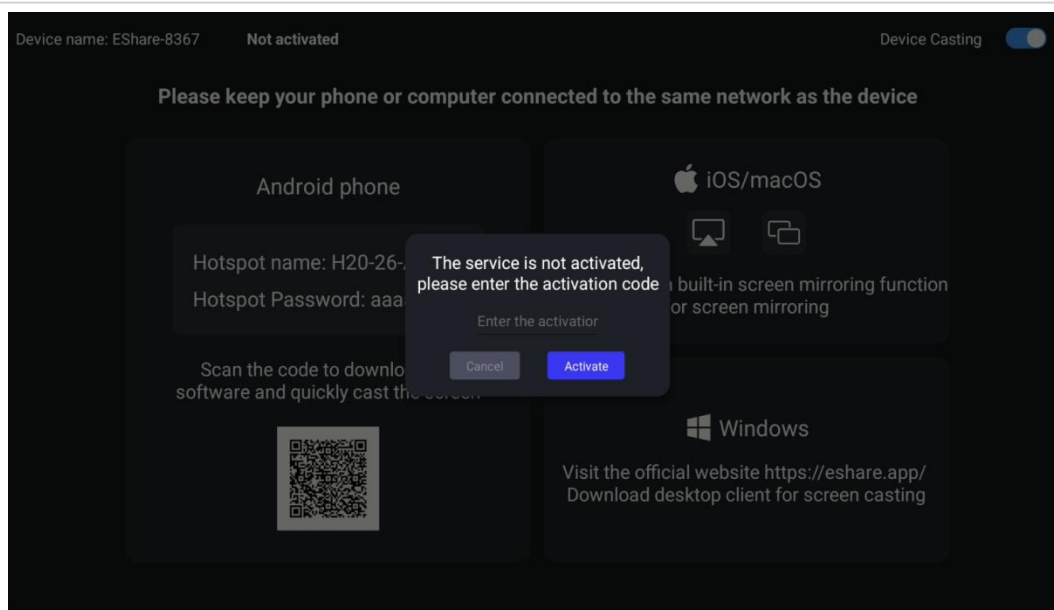


Figure 5-2 Activating wireless screen casting

2. Wireless screen casting network instructions

Screen casting precautions

1. 2.4G Wi-Fi is easily interfered with by surrounding electronic devices, leading to network instability and affecting the screen casting experience. In complex network environments such as exhibitions or business offices, it is strongly recommended to use a 5G Wi-Fi network for a better user experience.
2. When using the 5G band, the screen projection distance is generally $\leq 15\text{m}$ (depending on the coverage of the hotspot signal). 5G network has weak wall penetration ability, so screen projection through walls is not recommended.
3. When using Android phones/tablets for screen casting, the system needs to be Android 10.0 or higher.
4. AP mode connection: When the device is connected to a network cable with internet access, and the mobile phone is connected to the device's Wi-Fi, third-party video applications can be played normally.

3. Screen casting

3.1 Android System Screen Casting

Step 1: First, scan the QR code in the "Wireless Projection" section of the system's main interface with your mobile phone to download the "EShare" APP and successfully install it on your phone.

Step 2: Connect your phone to the synchronous/asynchronous dual-mode LED player hotspot name (default name: H20 / 1 6-xx-xxxxx, default password: 88888888).

Step 3: Run "EShare" and select the corresponding device name.

Step 4 : Click "One-click Screen Sharing" to complete the screen casting from your phone.

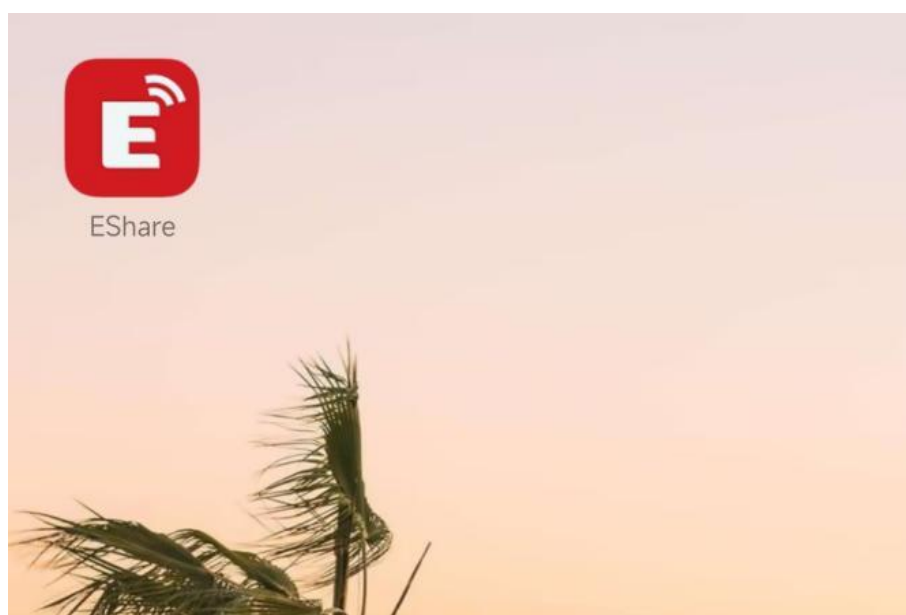


Figure 5-3 Running the App

3.2 Screen casting on iOS systems

Step 1: Use your mobile phone to connect to the synchronous/asynchronous dual-mode LED player hotspot name (default name: H20 / 1 6-xx-xxxxx, default password: 88888888).

Step 2: Open the Control Center.

Step 3: Turn on "Screen casting" to complete the screen casting process.



Figure 5 - 4 Screen casting

4. PC screen casting

4.1 Windows System Screen Casting

Step 1: On your PC, open your browser and enter " <https://eshare.app/> " to access the website. Download the corresponding client depending on your operating platform.

Step 2: Connect the PC to the synchronous/asynchronous dual-mode LED player hotspot name (default name: H20 / 1 6-xx-xxxxx, default password: 88888888).

Step 3: Run "EShare" and click "Connect" in the device list.

Step 4 : Click "One-click Screen Sharing" to complete the screen sharing.

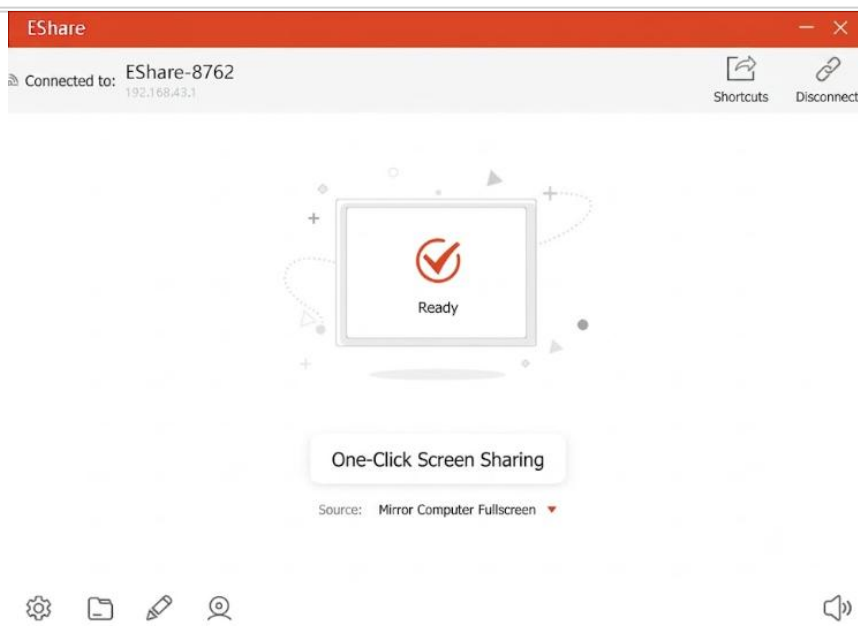


Figure 5-5 Windows system screen casting

4.2 Screen casting from macOS

Step 1: Connect your PC to the synchronous/asynchronous dual-mode LED player hotspot name (default name: H20 / 1 6-xx-xxxxx, default password: 88888888).

Step 2: Run "EShare" and enter the IP address to complete the connection.

Step 3 : Click "One-click Screen Sharing" to complete the screen sharing.

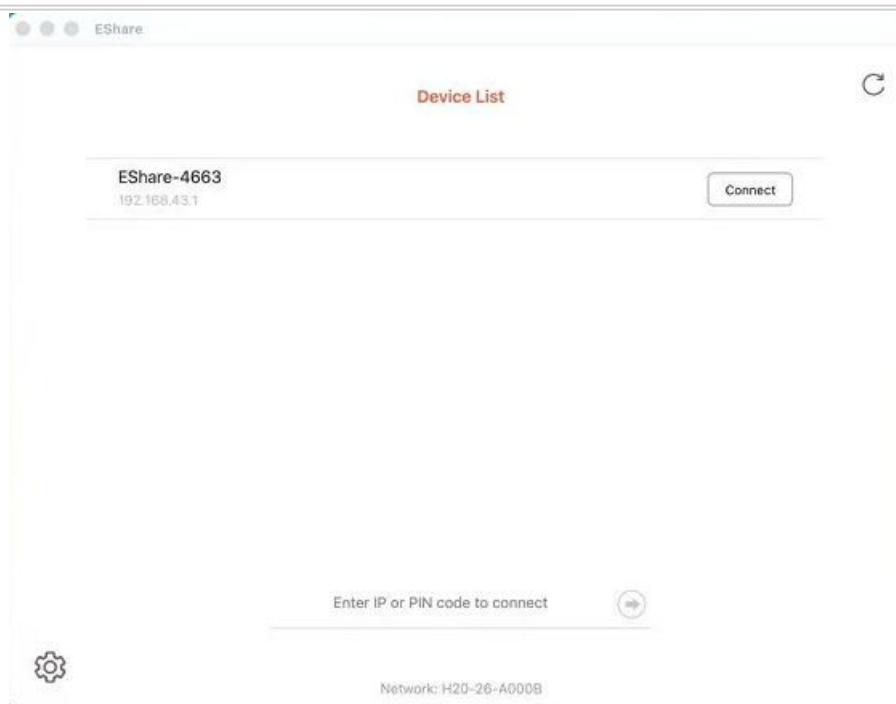


Figure 5-6 IP address connection

5. Station mode screen casting

Step 1: First, on the main system interface, press the remote control and click the "Settings" icon in the upper right corner.

Step 2: Open Network and Connections > Wireless Networks, and connect the synchronous/asynchronous dual-mode LED player to the router's Wi-Fi.

Step 3: Connect to the same router Wi-Fi network connected to the device via a terminal (phone/tablet/computer).

Step 4: Run "EShare" and click "One-click Screen Sharing" to complete the screen sharing.

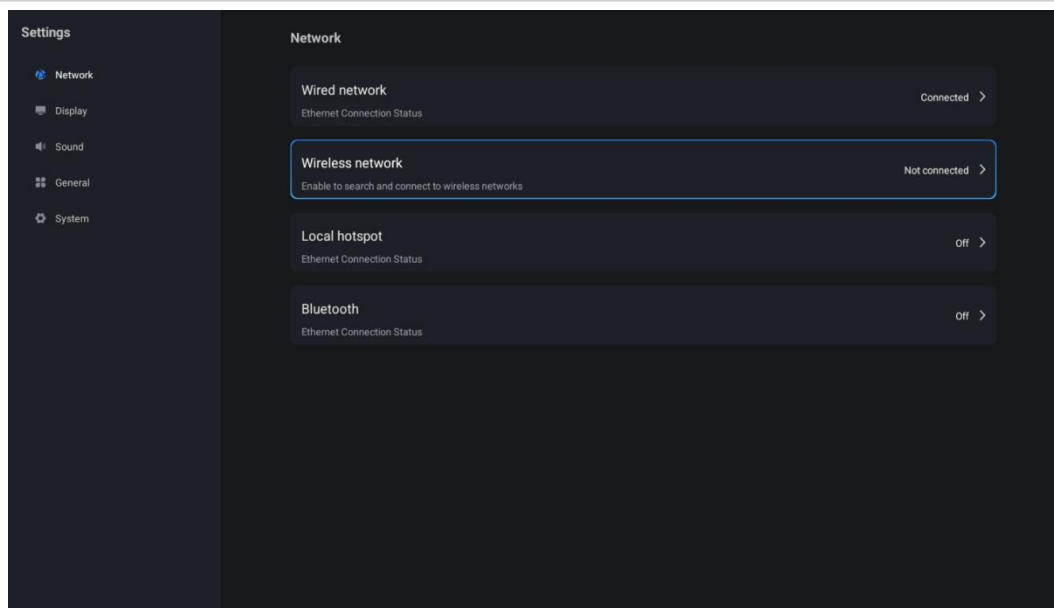


Figure 5 – 7 Station Mode Settings

6. LAN screen casting

the synchronous/asynchronous dual-mode LED player to the local area network (LAN) via a network cable .

Users can then connect to the LAN's Wi-Fi via their devices (mobile phones/tablets/computers).

Step 2: Run "EShare". The device list will show the device and its IP address. Click on the device name to connect and enter the main screen casting page.

Step 2: Click "One-click Screen Sharing" to complete the screen sharing.

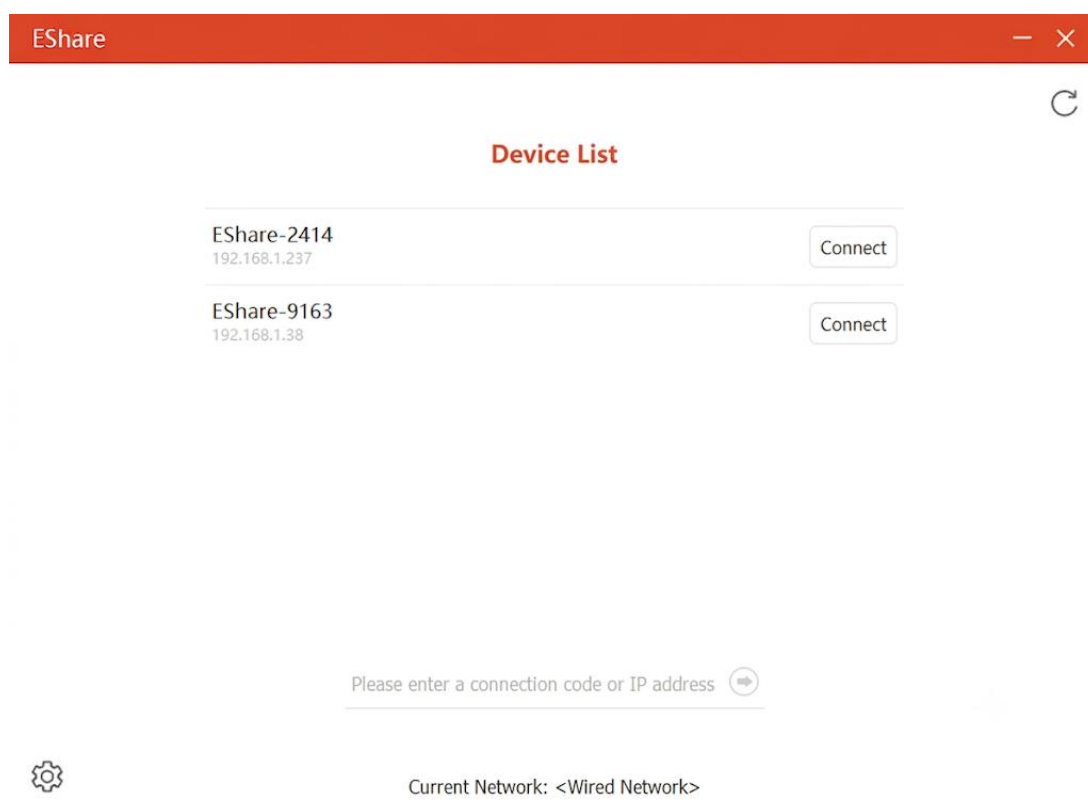


Figure 5 - 8 Local Area Network Screen Projection

7. Reverse screen sharing

The system supports reverse screen sharing, allowing users to move freely in the lecture hall and control the computer projecting the screen using an iOS mobile device (iPhone/iPad).

Step 1: Scan the QR code in "Wireless Screen Projection" to download the "Eshare" APP and successfully install it on your mobile device.

Step 2: Connect your mobile device to the synchronous/asynchronous dual-mode LED player hotspot (default name: H20 / 16 - xx-xxxxx, default password: 88888888) .

Step 3: Run "EShare" and click "Reverse Screen Sharing" to enable the reverse screen sharing function.

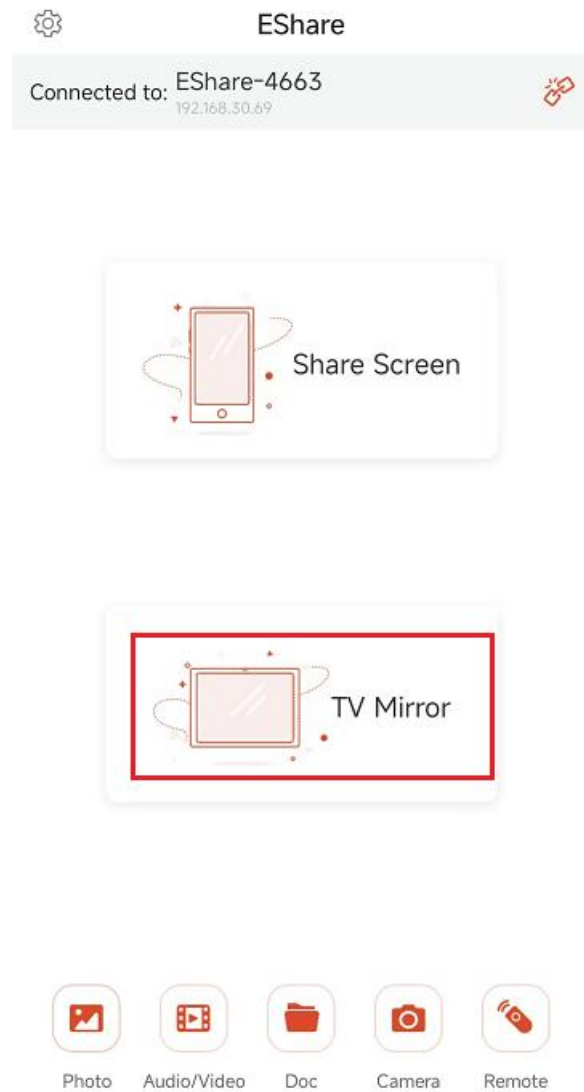


Figure 5-9 Reverse Screen Sharing

VI、Wired screen casting

1. Signal source connection

Connect the synchronous/asynchronous dual-mode LED player directly to the device you wish to cast from using an HDMI cable.



Figure 6-1 Wired screen casting

2. Signal source switching

Users can switch between multiple signal sources in the following ways.

Remote control switching

Step 1: Select "Signal Source" on the home page or press the "Menu" button on the remote control.

Step 2: Select the signal source you want to project and press the OK button on the remote control to complete the switching.

LCD panel switching

The signal source can be switched using the buttons on the LCD screen on the front panel of the device.

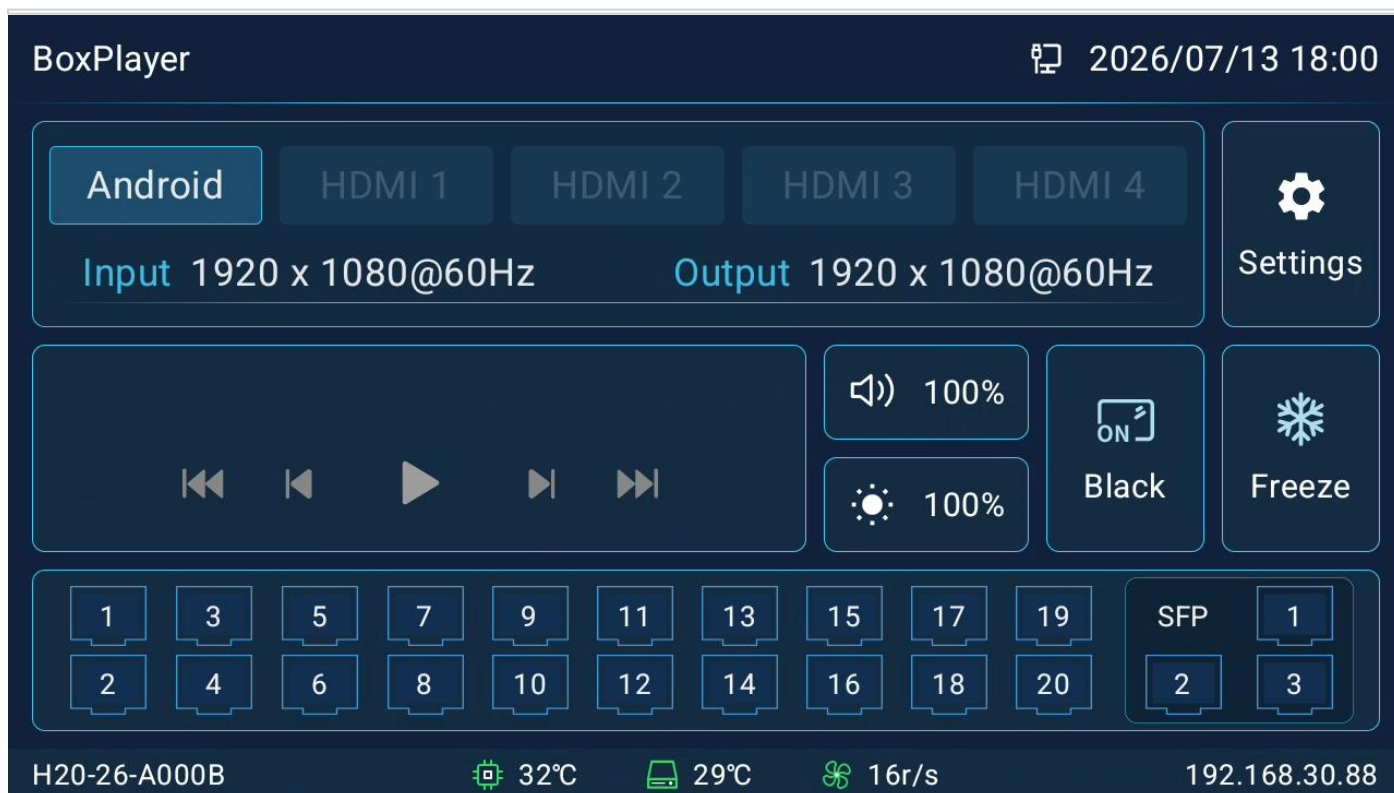


Figure 6-2 LCD panel switching signal

VII、Program broadcast control

It supports program playback control, allowing users to play programs and create simple programs on the conferencing system.

Additionally, you can create programs and publish them to the synchronous and asynchronous dual-mode LED player through the LEDart APP . For detailed instructions, please refer to the LEDart User Manual.

1. Import materials

Step 1: First, you need to import the media files into the media library. Put the media files on a USB flash drive and plug it into the USB port of the synchronous/asynchronous dual-mode LED player .

Step 2: On the main system interface, select "Program Editor" to enter the program control interface.

Step 3: Click "Media" > "Import" in  the top navigation bar, select the desired media files , and click "OK" .

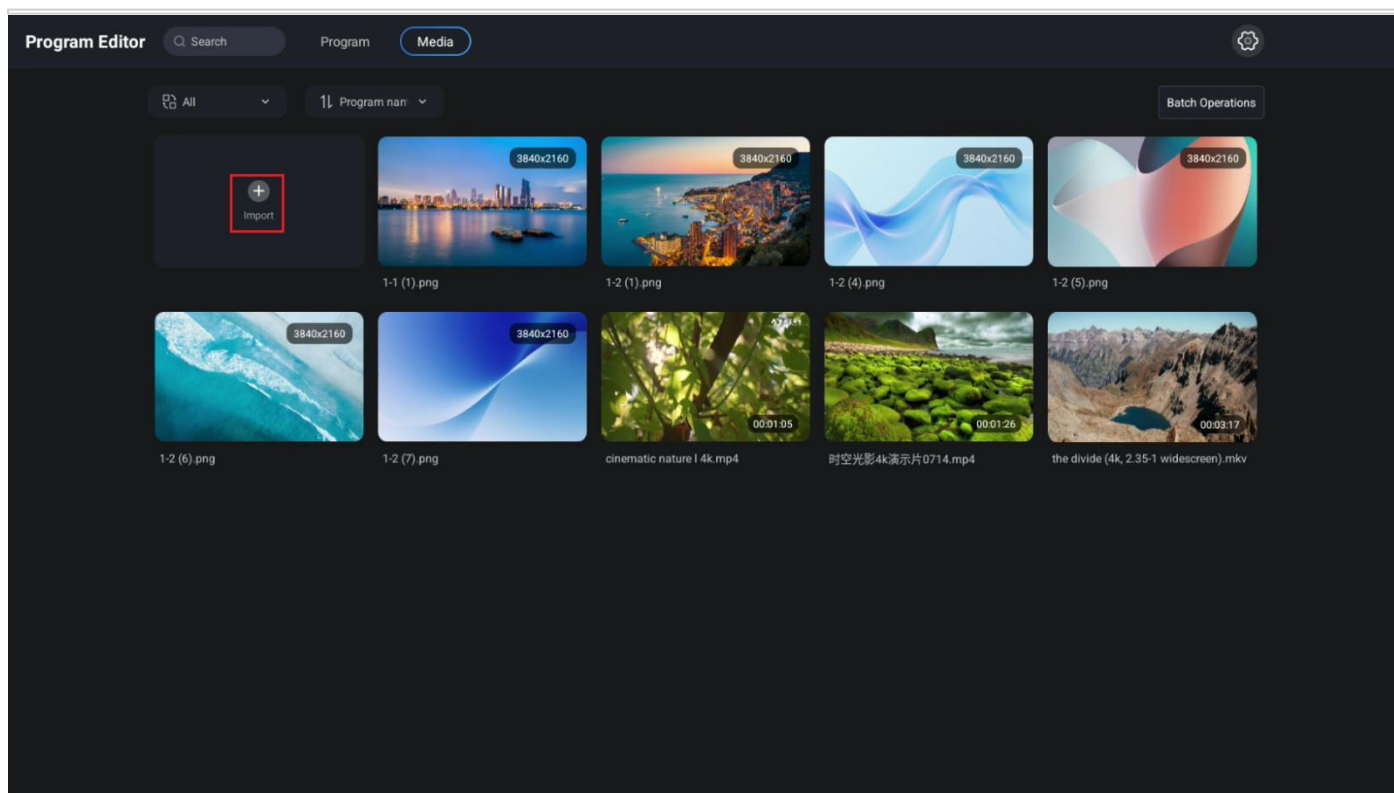


Figure 7-1 Importing materials

Step 4: The page will display the loading progress and indicate "Added successfully".

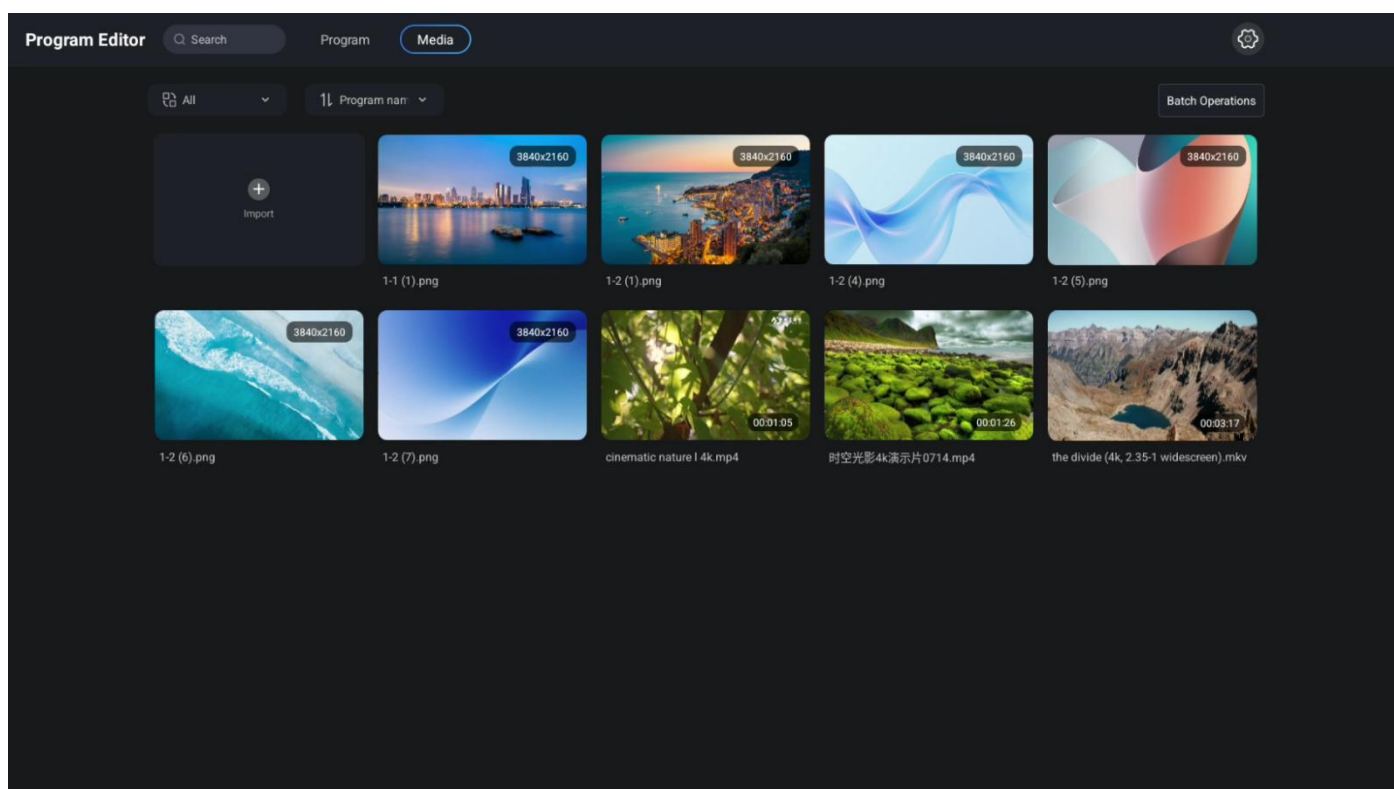


Figure 7-2 Import complete

2. New Program

Simple Program

Step 1: On the main system interface, select "Program Editor" to enter the program control interface.

Step 2: Click "Program" > "Create" .

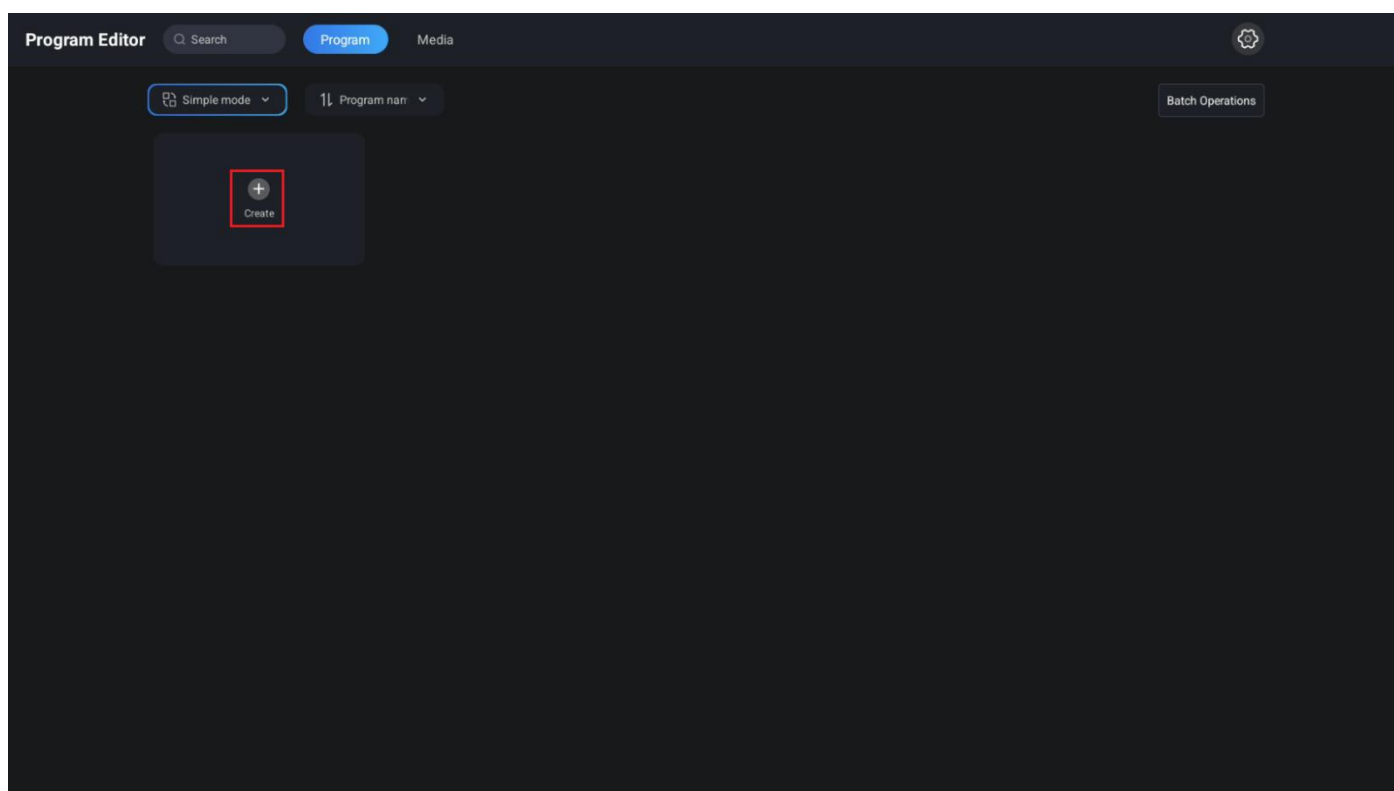


Figure 7-3 Creating a Simple Program

Step 3: Select the footage and click the "Clock Display" drop-down menu to set the clock display position.

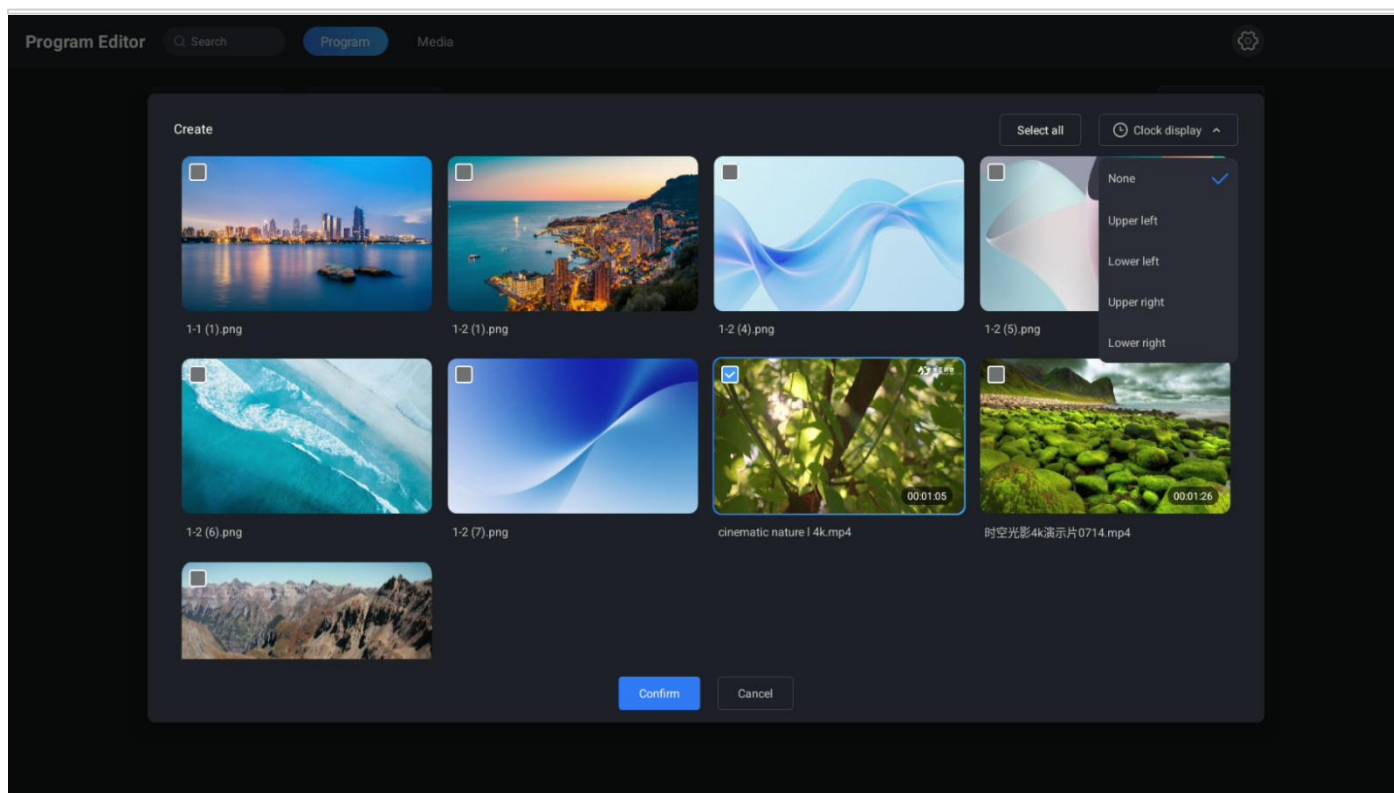


Figure 7-4 Creating a Simple Program

Step 4: Click Confirm to complete program creation.

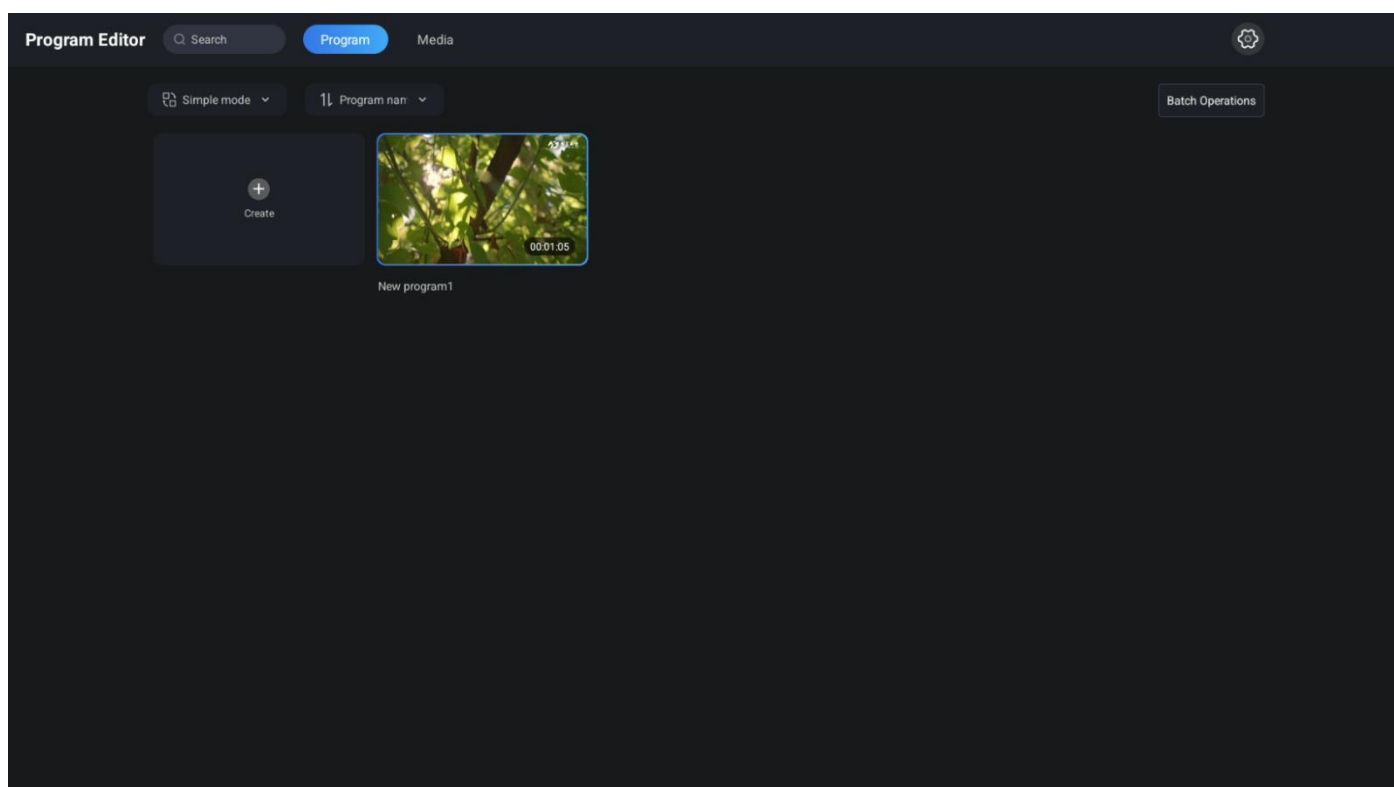


Figure 7-5 Completed creation

Custom Programs

Step 1: On the system's main interface, select "Program Editor" to enter the program control interface. A keyboard and mouse are required to enter the program customization mode.

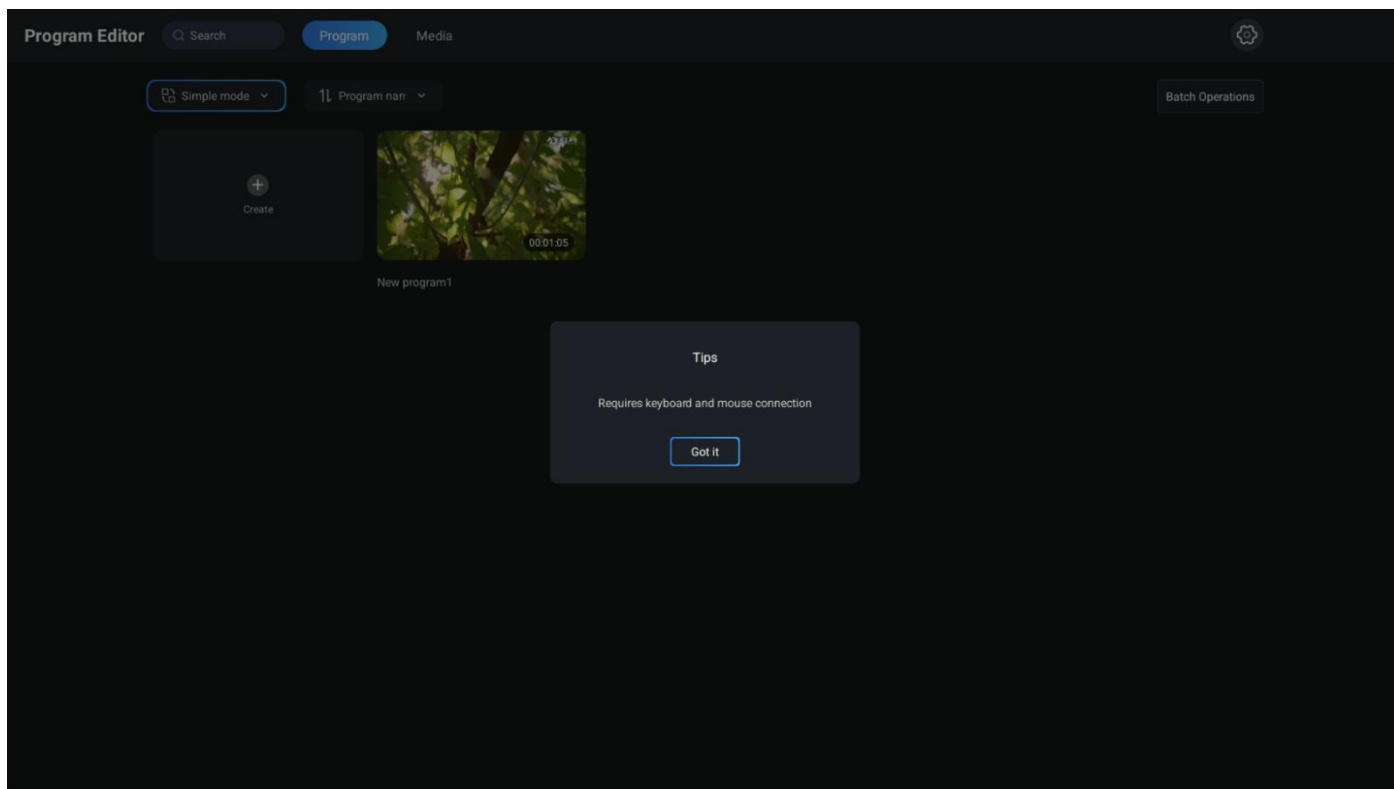


Figure 7-6 Creating a Custom Program

Step 2: Click "Program" > "Create" in  the top navigation bar .

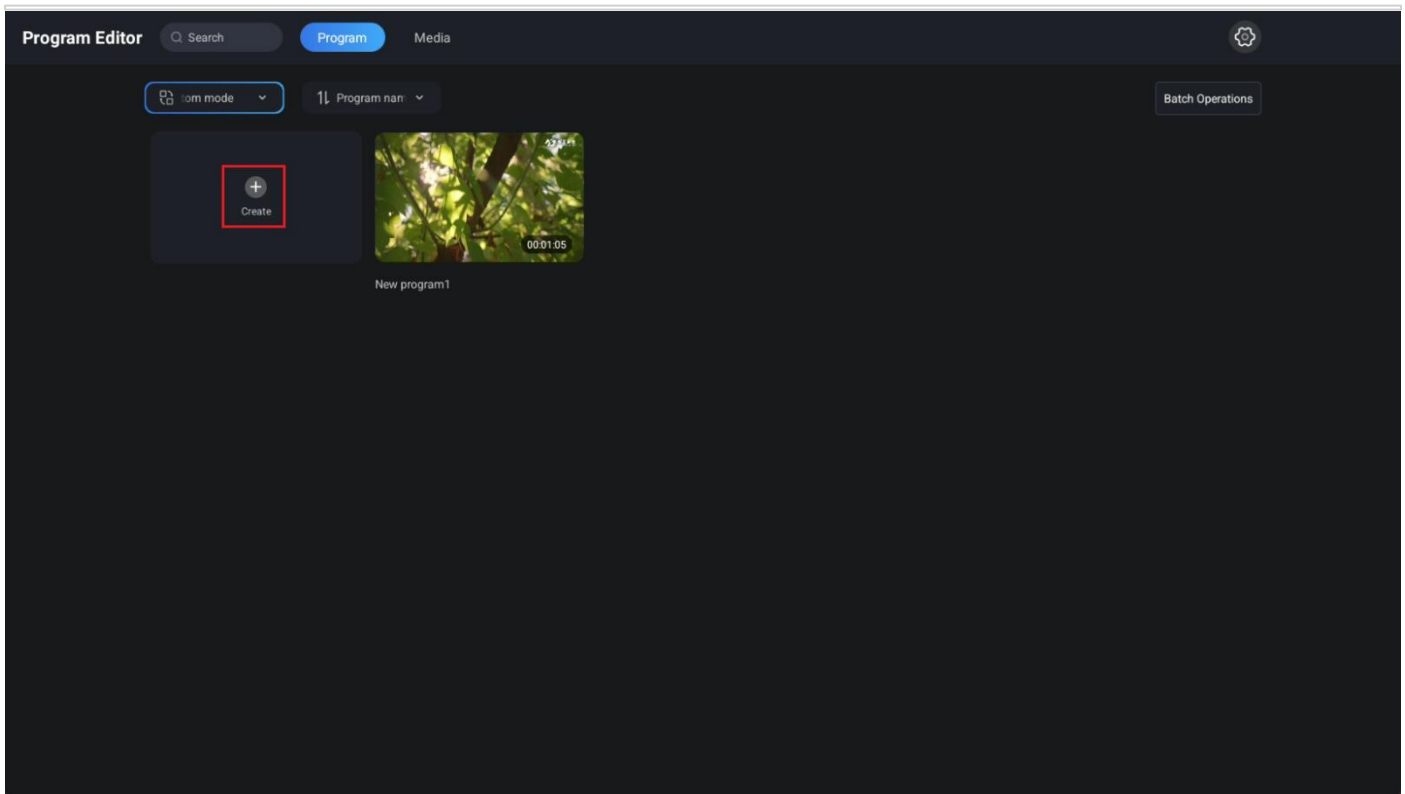


Figure 7-7 Creating a Custom Program

Step 3 : Drag the media you want to play onto the stage. You can adjust the size of the media area as needed to achieve segmented playback of the media list.

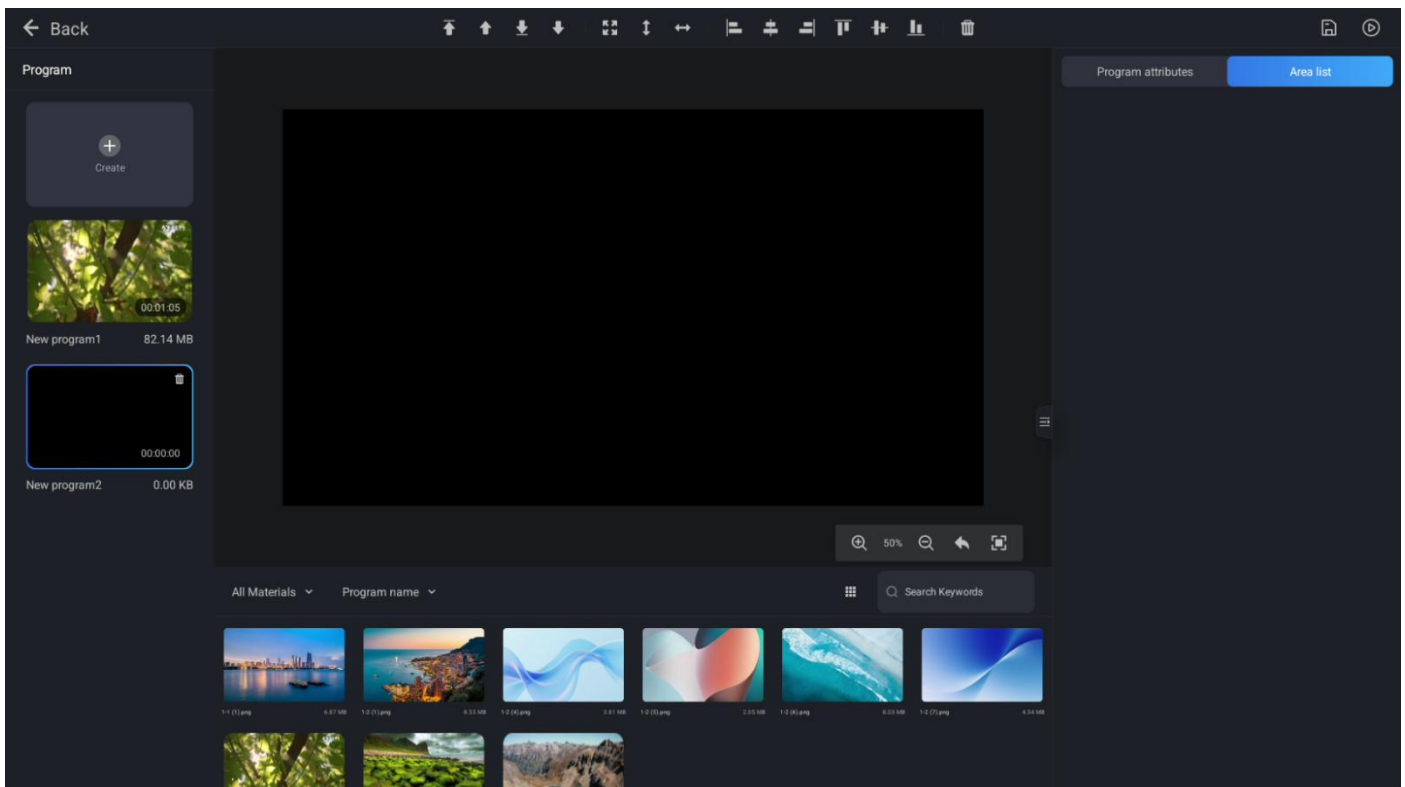


Figure 7-8 Creating a Custom Program

3. Playing programs

Media Library

Step 1: On the main system interface, select "Program Editor" to enter the program control interface.

Step 2: Click "Media" in the top navigation bar .

Step 3: Select an existing material /program , press the "OK" button on the remote control, and start full-screen playback .

Pressing the "down" button on the media library playback interface opens playback controls, allowing you to choose between single-program playback or loop playback.

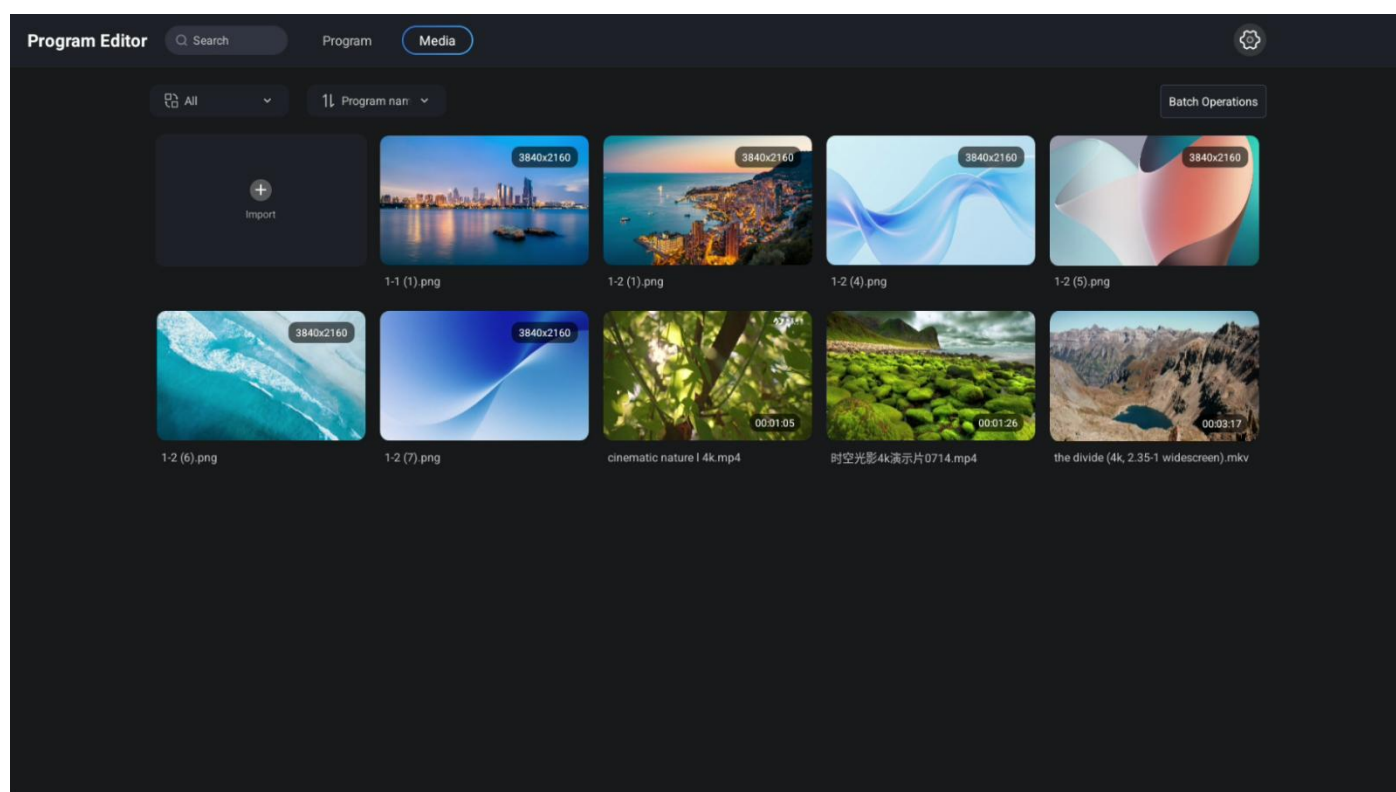


Figure 7-9 Media Library Playback

program

Step 1: On the main system interface, select "Program Editor" to enter the program control interface.

Step 2: Click "Program" in the top navigation bar.

Step 3: Select an existing material /program , press the "OK" button on the remote control, and start full-screen playback .

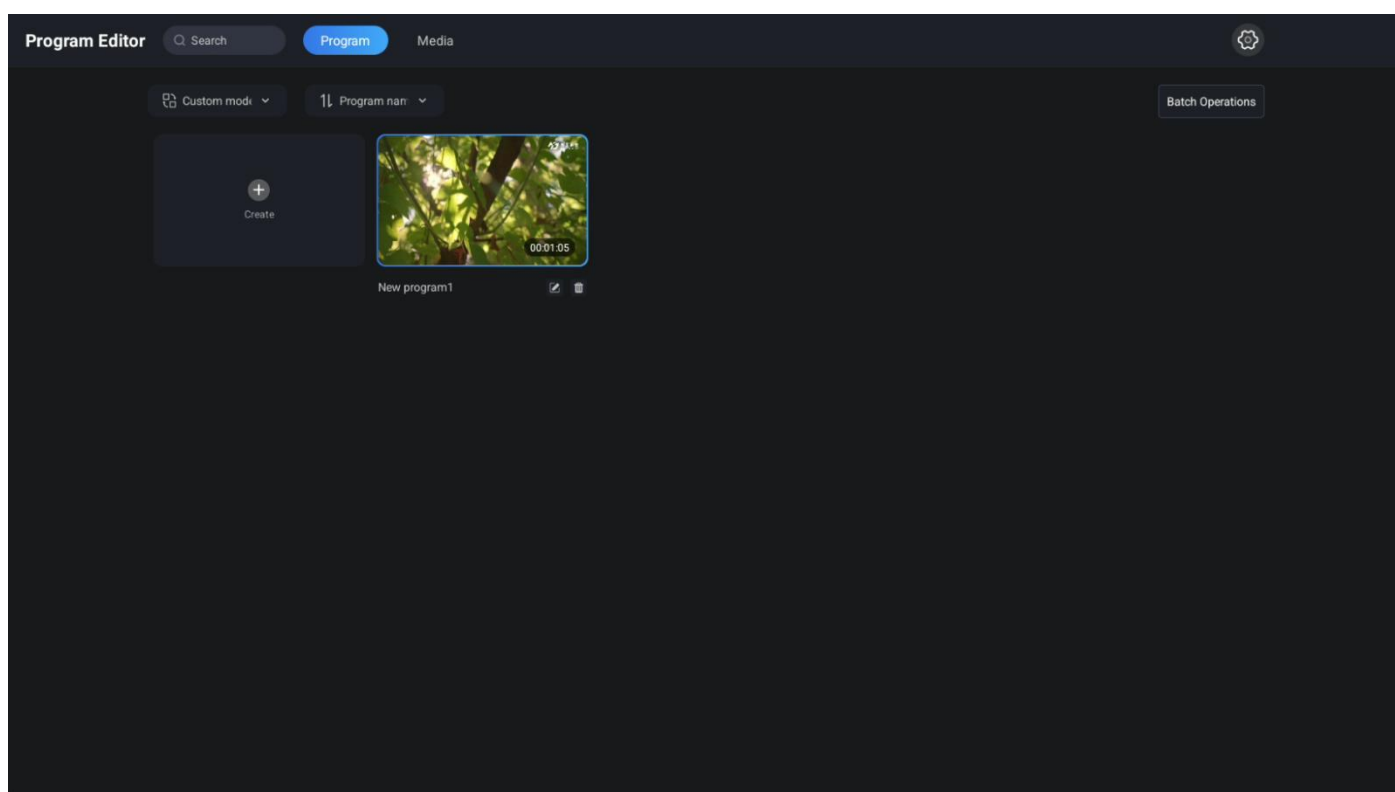


Figure 7-10 Program Playback

4. Managing media library /programs

Step 1: On the main system interface, select "Program Editor" to enter the program control interface.

Step 2: Click "Media /Program " in the top navigation bar .

Step 3: Select the files on the connected USB drive and add them to the media library. This makes it easy to add files from the media library directly when creating or editing programs later. When storage space is insufficient, select one of the media files /programs , press and hold the "OK" button, and you can edit/delete/batch select/delete.

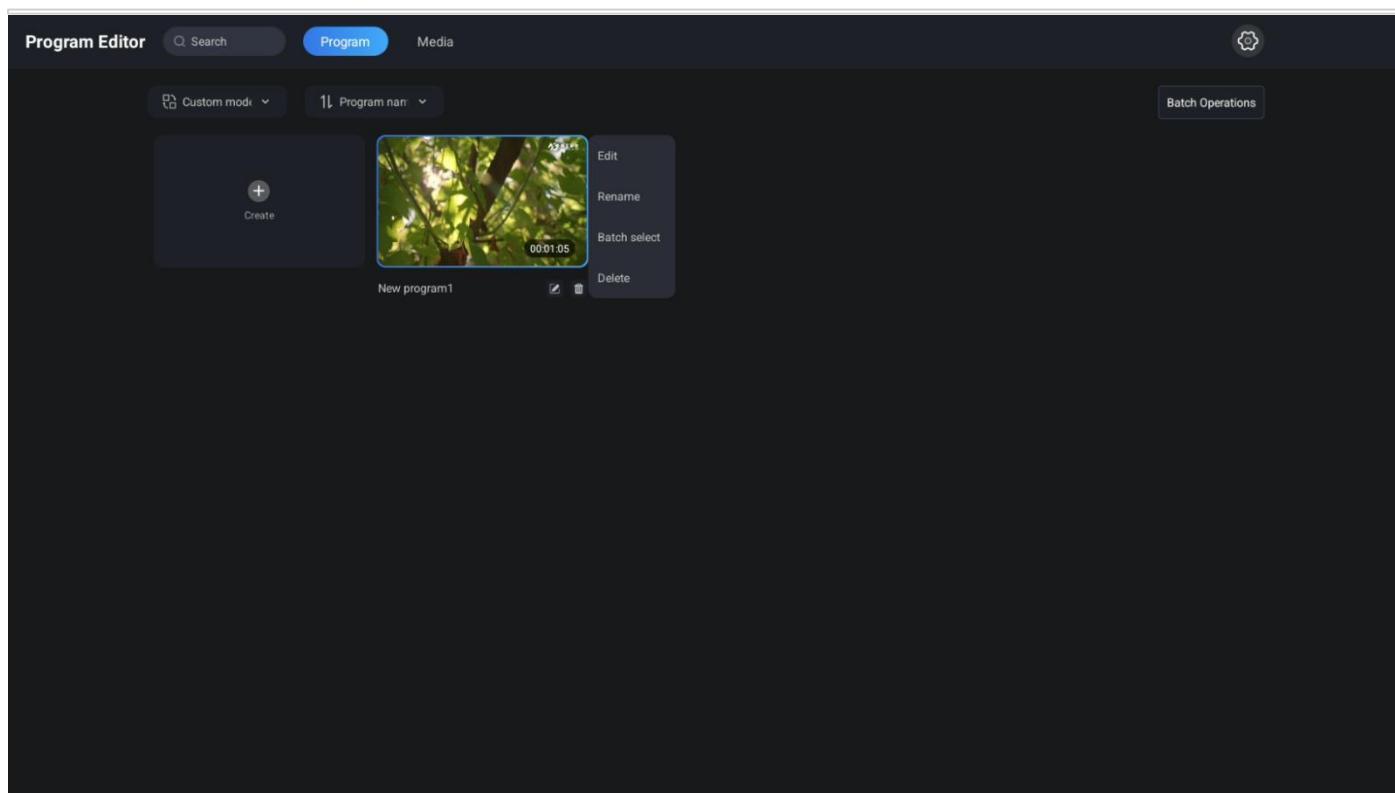


Figure 7-11 Managing media/program

VIII、Settings Management

1. File Management

Users can perform simple file operations by following these steps.

Step 1: On the main system interface, select "File Management" to enter the file browsing interface.

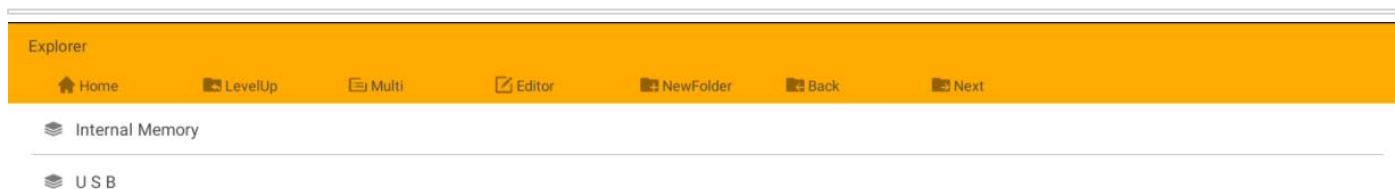


Figure 8-1 File Browsing

Step 3: Select the folder containing the target file.



Figure 8-2 File Browsing

Step 4: Select the target file and confirm to open.

Step 5: Press and hold the "OK" button on the remote control or the left mouse button to perform operations such as copying, deleting, or moving the target file.

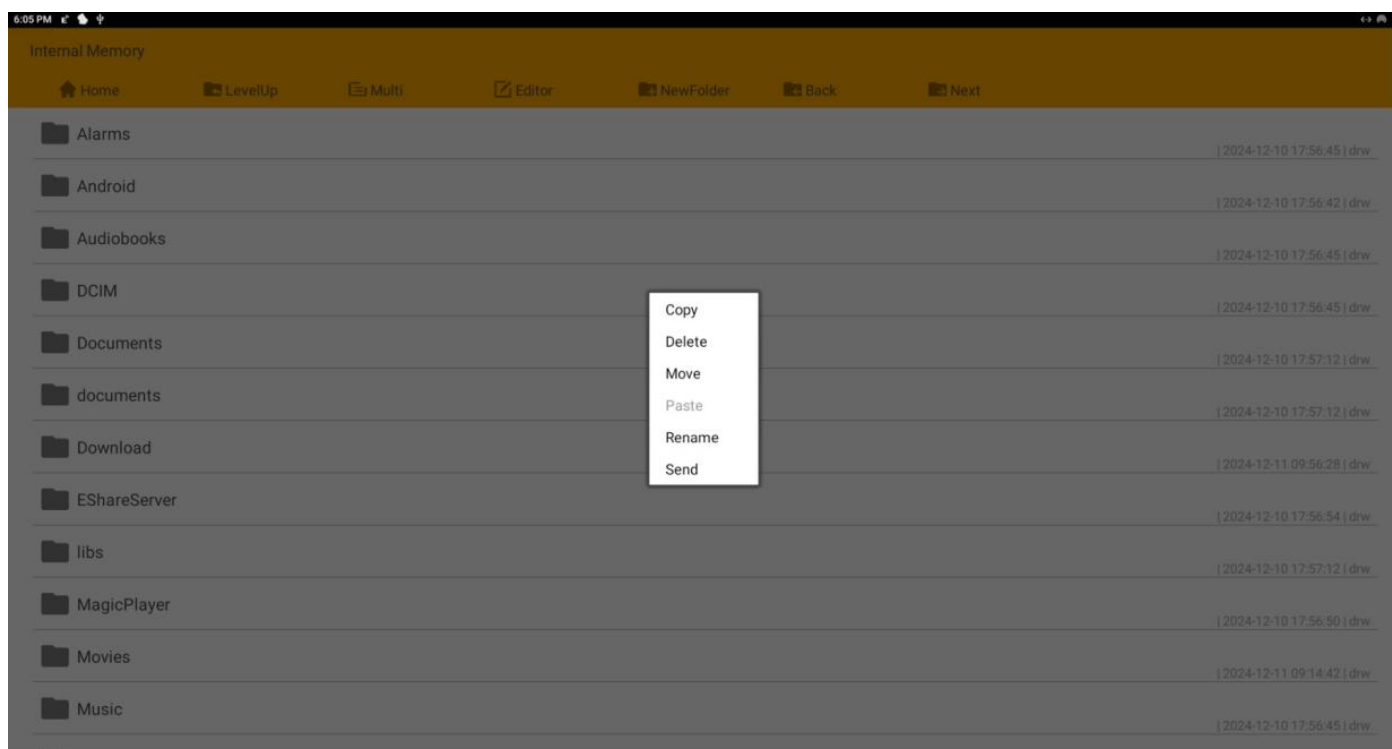


Figure 8 - 3 File browsing - copy/delete/move

2. Networks and Connections

2.1 Wired Network

select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select "Network " > "Wired Network" to enter the wired network settings interface.

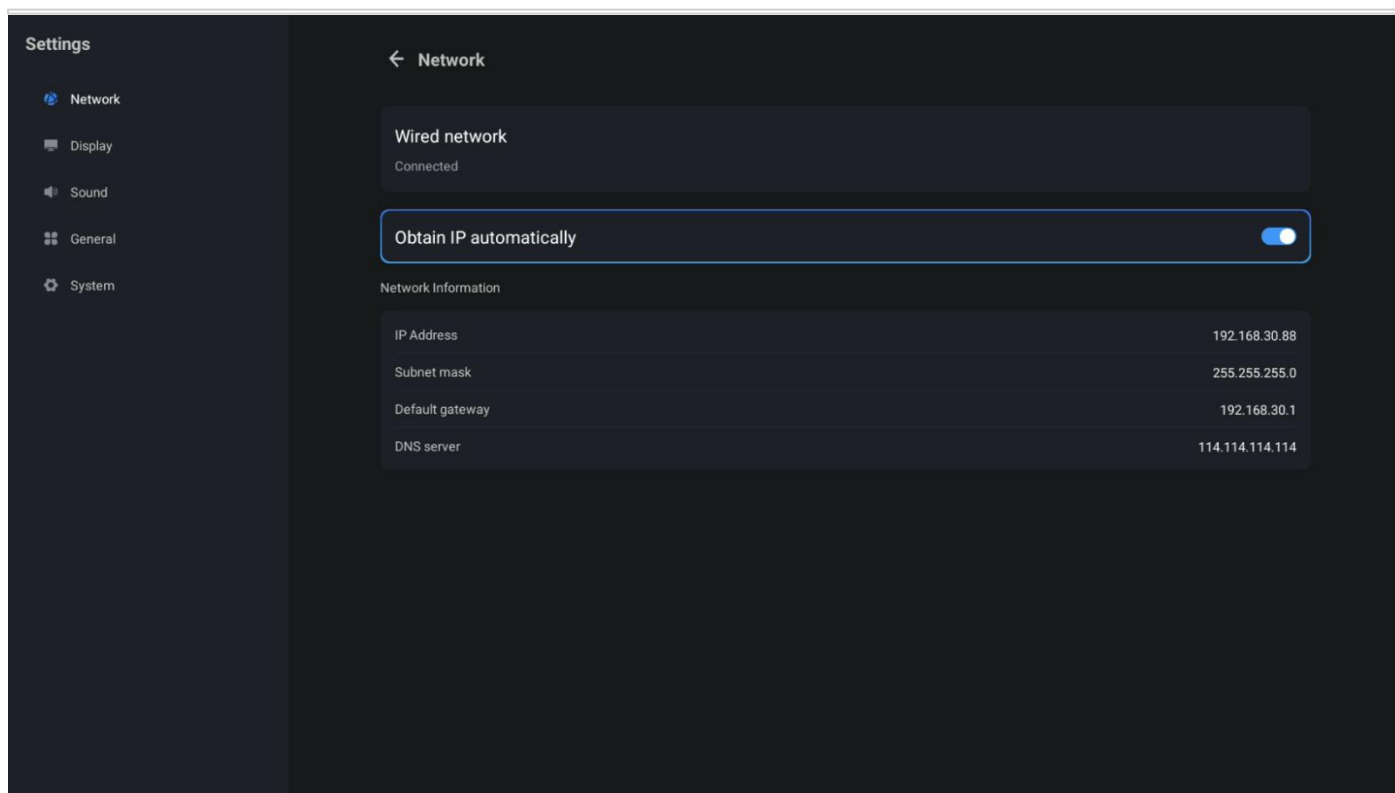


Figure 8-4 Wired Network

Step 3: You can choose "Obtain IP Automatically" to automatically obtain an IP address or manual to set a static IP address.

2.2 Wireless Network

select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select "Network" > "WLAN" to enter the wireless network settings interface.

Step 3: Select an available Wi - Fi network nearby and enter the password in the pop-up window.

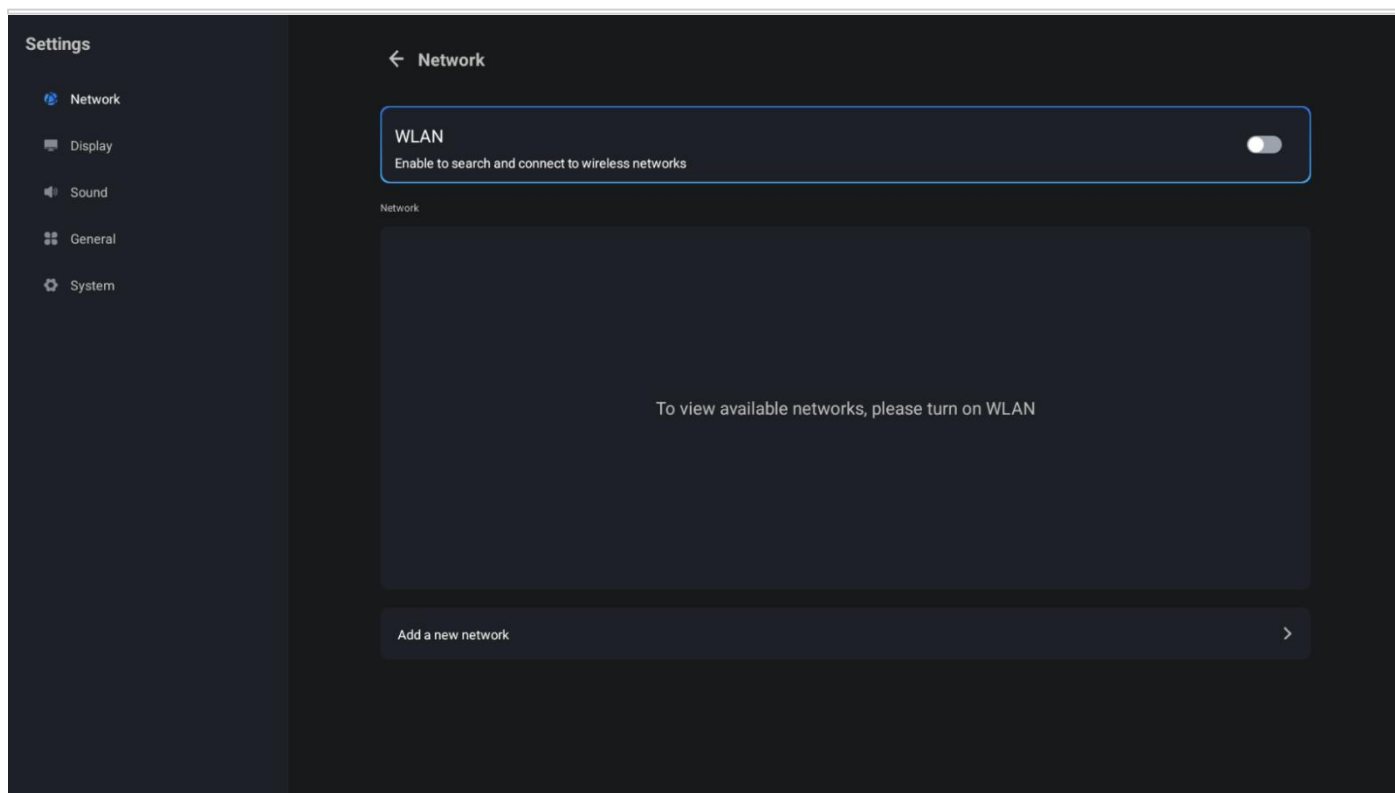


Figure 8-5 Enter Wi - Fi password

Step 3 : Select "OK" to connect to Wi - Fi.

2.3 Local Hotspot

select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select "Network" > "Hotspot" to enter the hotspot settings interface.

Step 3: Set a password for your wireless hotspot.

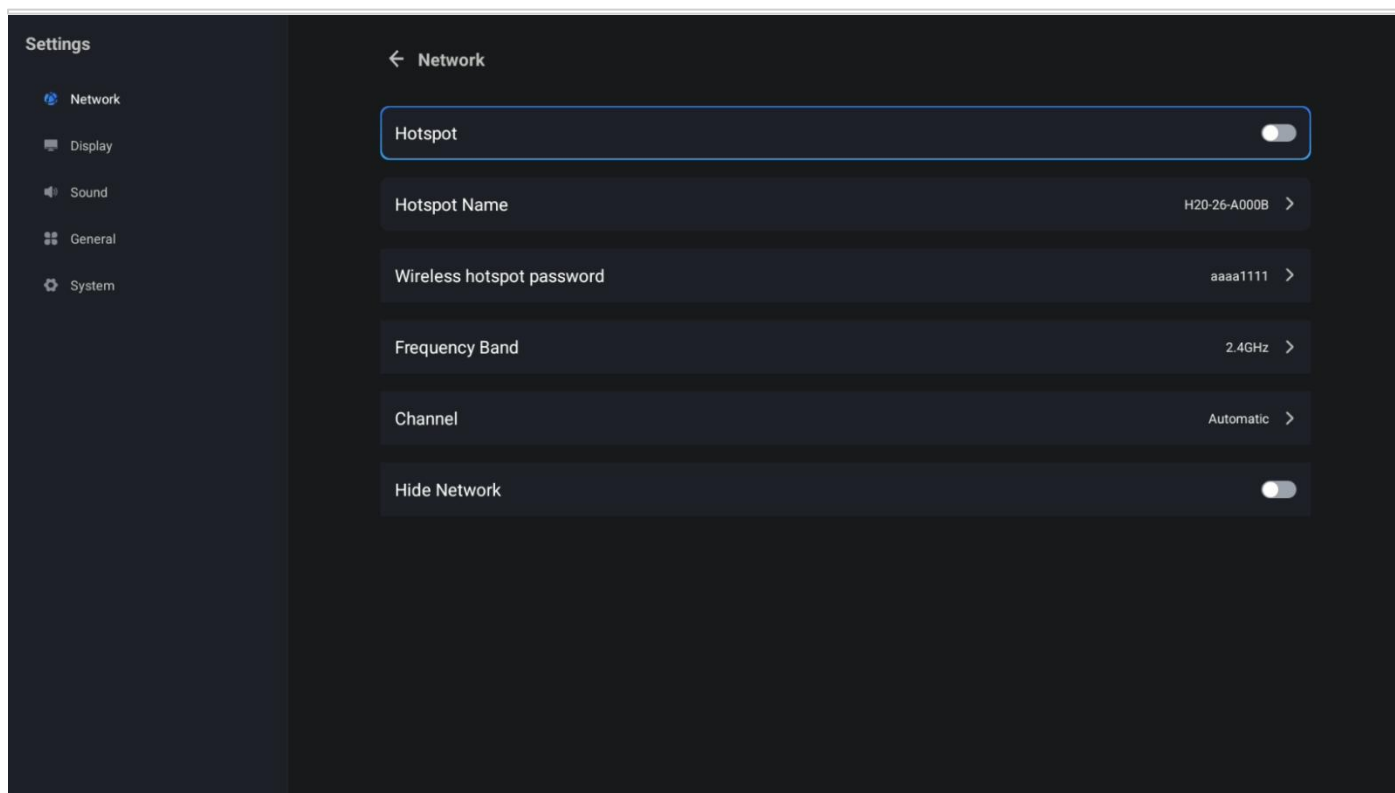


Figure 8-6 Setting a hotspot password

Step 4: Click "OK" to turn on the hotspot.

2.4 Bluetooth

select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select "Network" > "Bluetooth" to enter the Bluetooth settings interface.

Step 3: Turn on the "Bluetooth" switch.

Step 4: Select the device you want to pair and pair it.

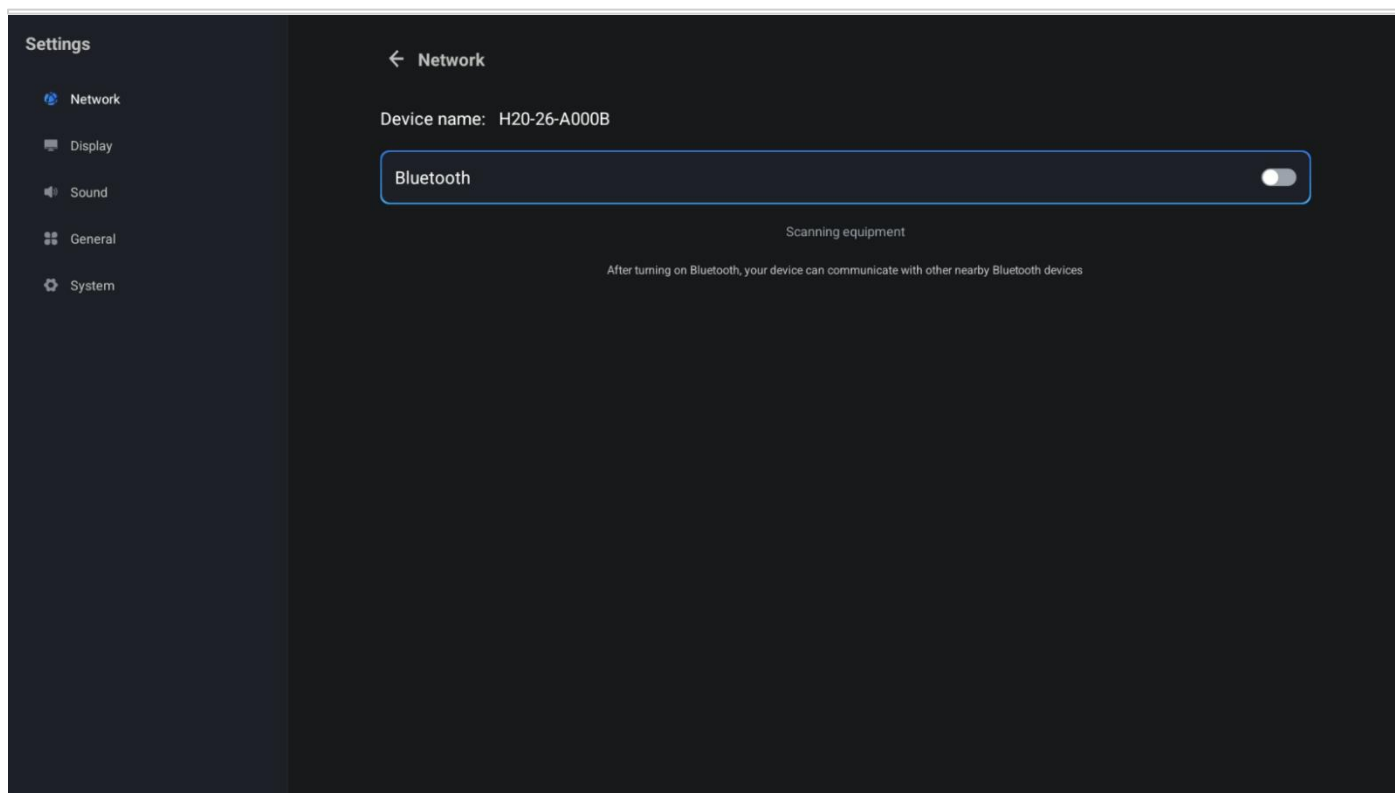


Figure 8-7 Bluetooth

2.5 show

brightness

select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface and select " Display " to enter the display interface.

Step 3 : Select the progress bar and press the "left/right" button on the remote control to adjust the brightness .

Ignore APP orientation

Tap the button to launch the app and the page remains in landscape mode, while close button launches the app and the page adapts to both landscape and portrait modes.

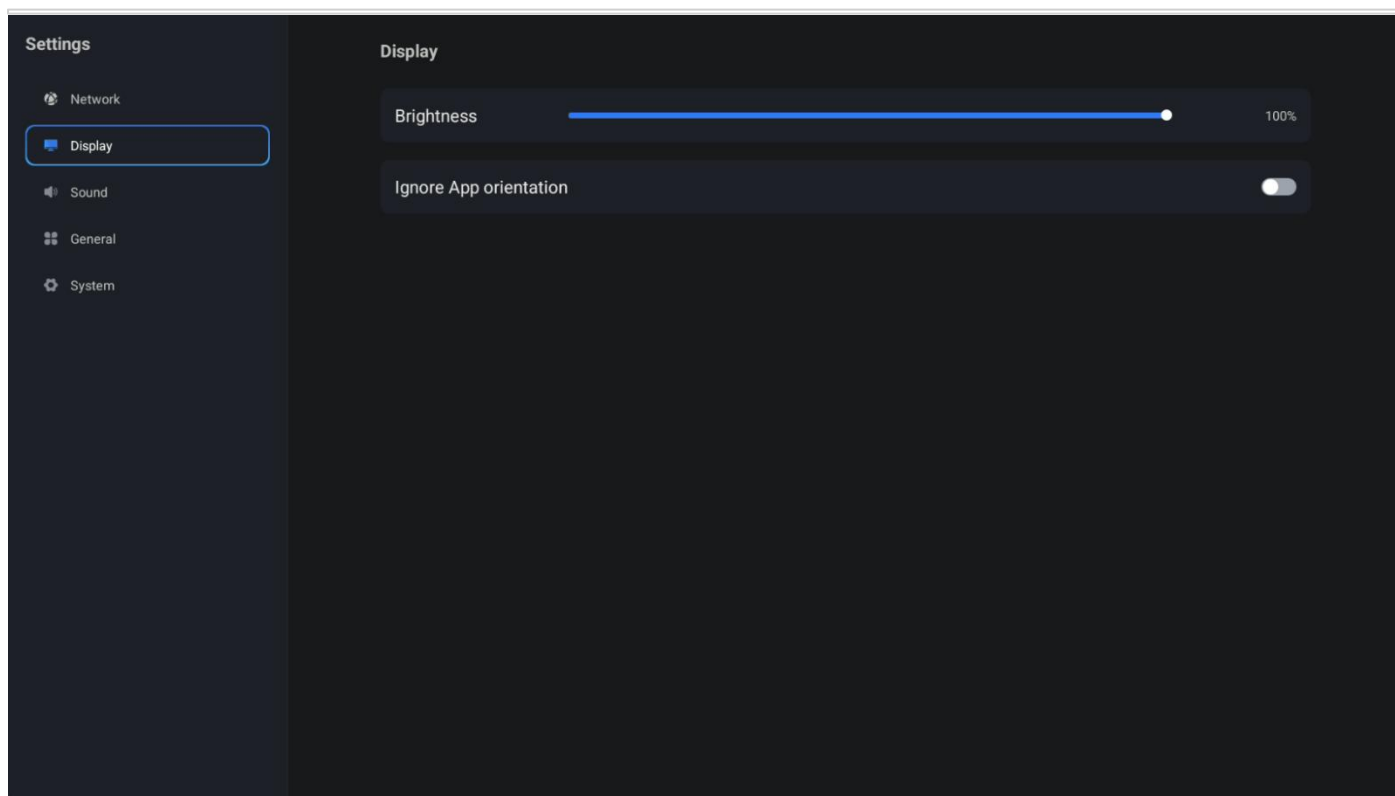


Figure 8-8 Display settings

2.6 sounds

select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface and select "Sound" to enter the sound settings interface.

Step 3 : Select the progress bar and press the "left/right" button on the remote control to adjust the volume.

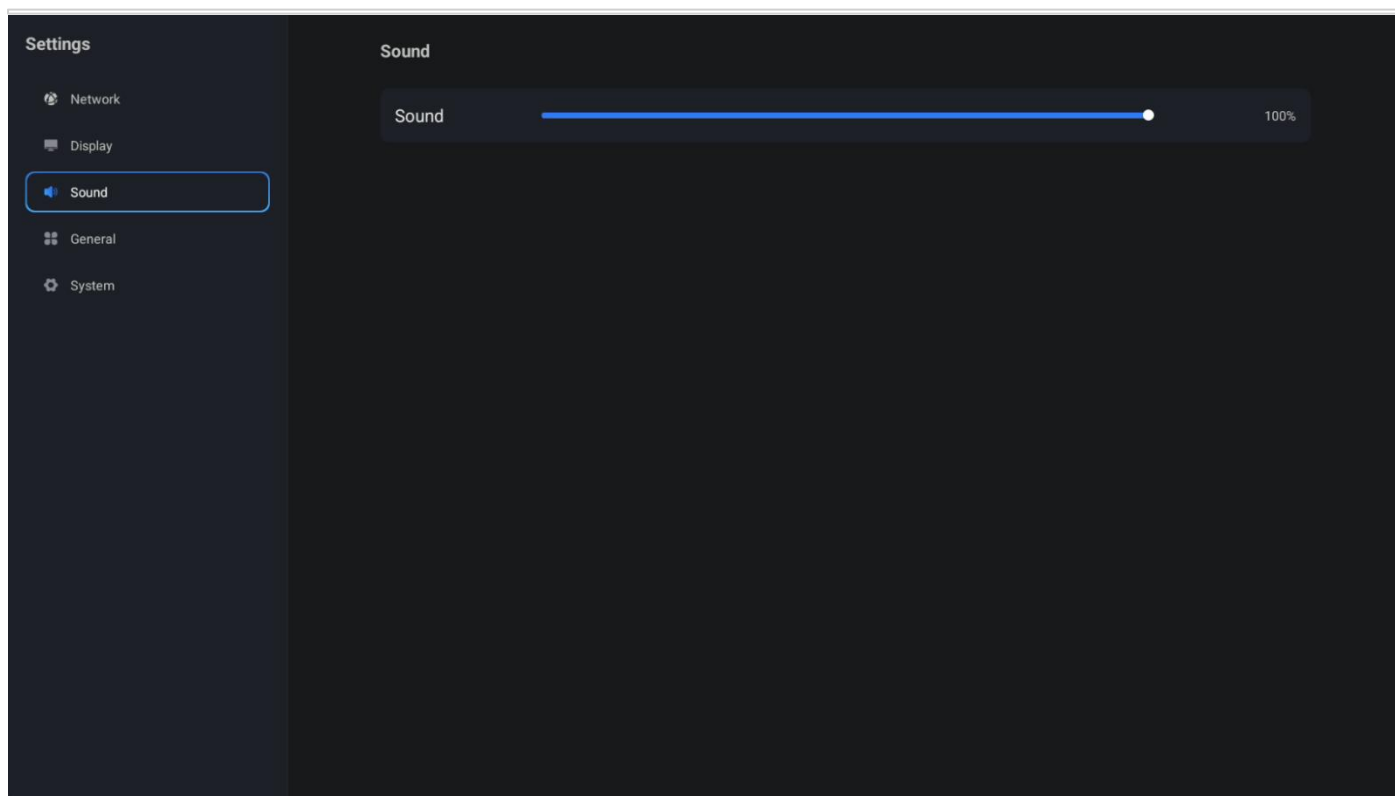


Figure 8-9 Sound Settings

3. General Settings

3.1 Application Management

select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select "General" > "Application Management" to enter the application management interface.

Step 3: Manage the installed apps as follows.

- Force stop: Force the app to stop.
- Open application: Run the selected app.
- Uninstall: Uninstall the selected app.
- Clear data: Clears the cache data of the selected app.

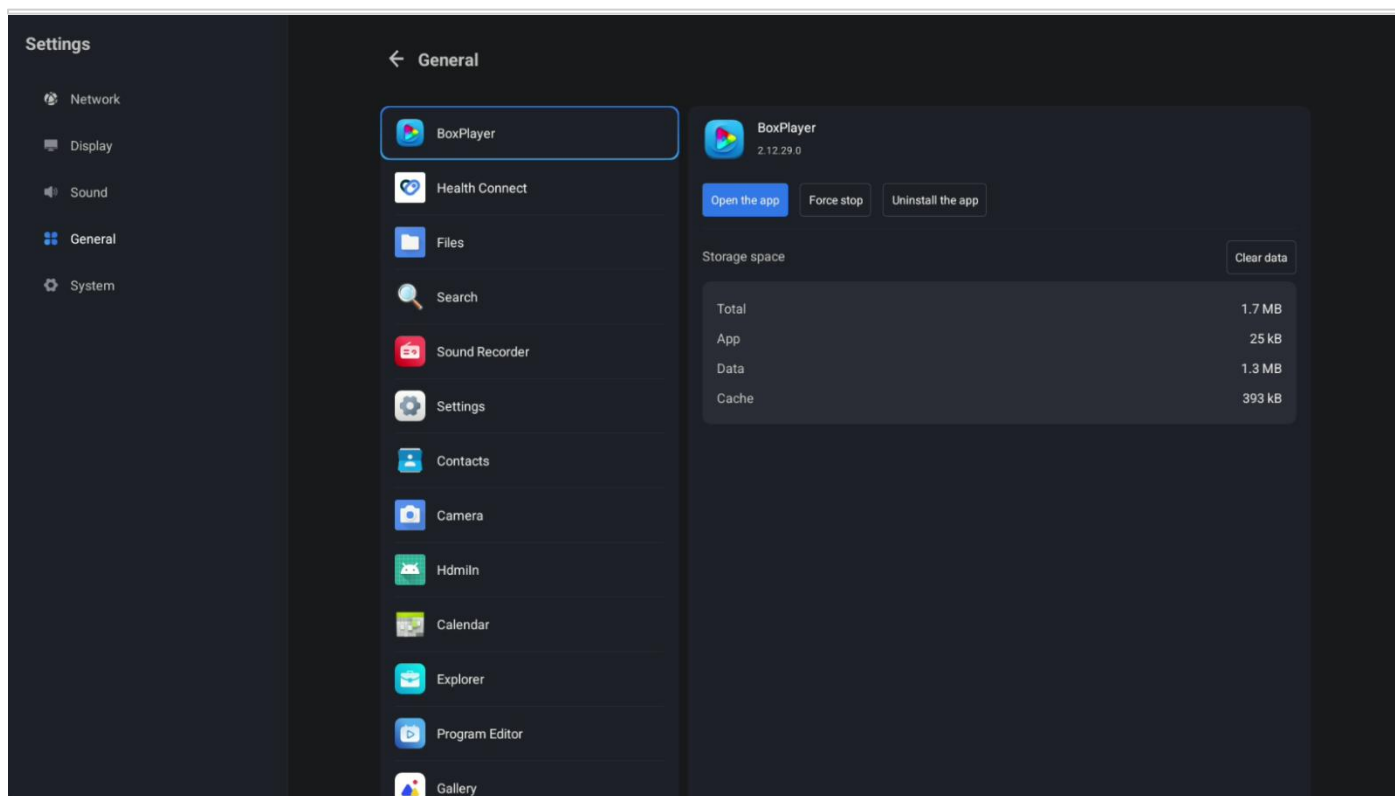


Figure 8-10 Application Management

3.2 Homepage Application Management

select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select "General" > " Home App Management" to enter the Home App Management interface. Select the apps you want to display on the home page, or you can restore the default settings with one click.

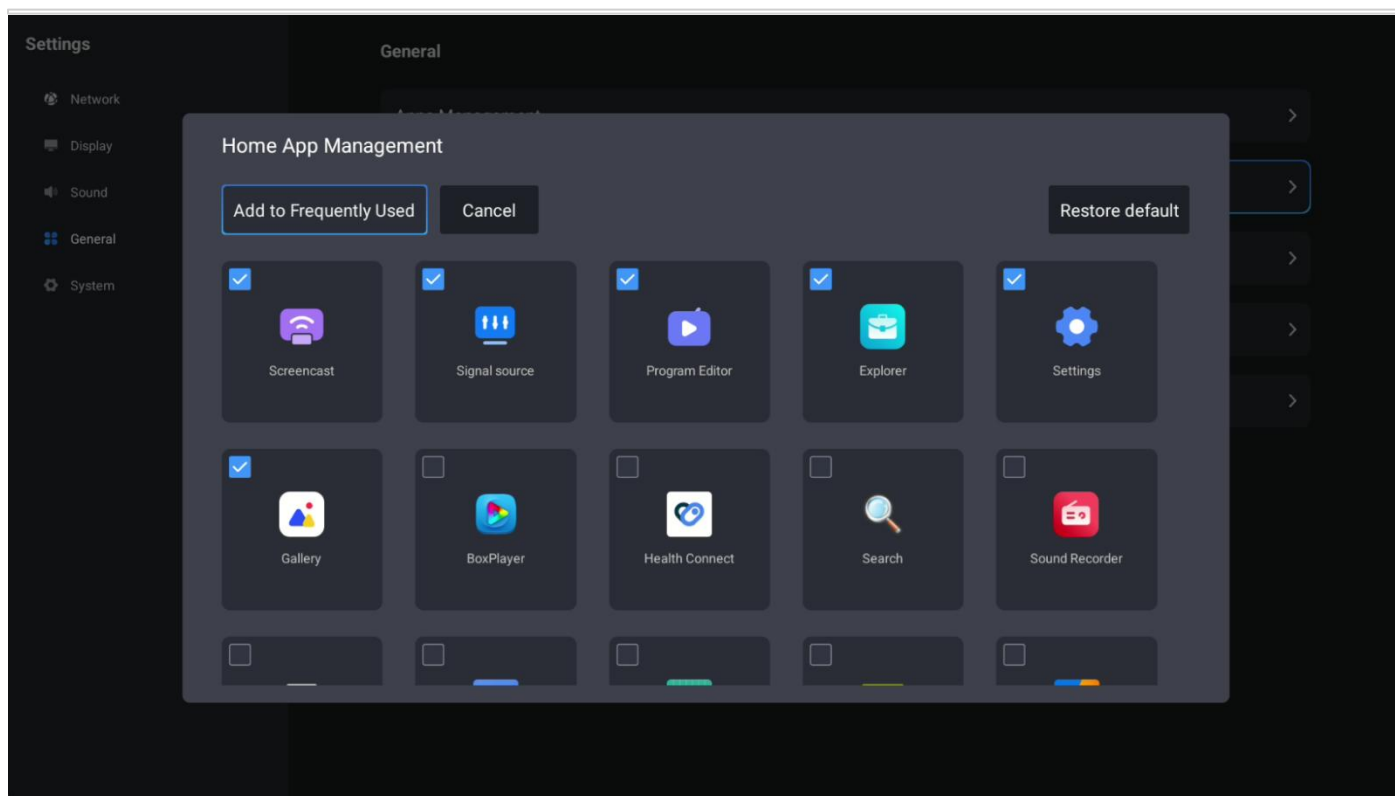


Figure 8-11 Homepage Application Management

3.3 Homepage Wallpaper

select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select "General" > " Home Wallpaper" to enter the wallpaper settings interface.

Step 3: Configure the system language and keyboard.

Step 4: Click "Set as wallpaper", or click "Custom wallpaper" and select the image you want to set as wallpaper from the gallery.

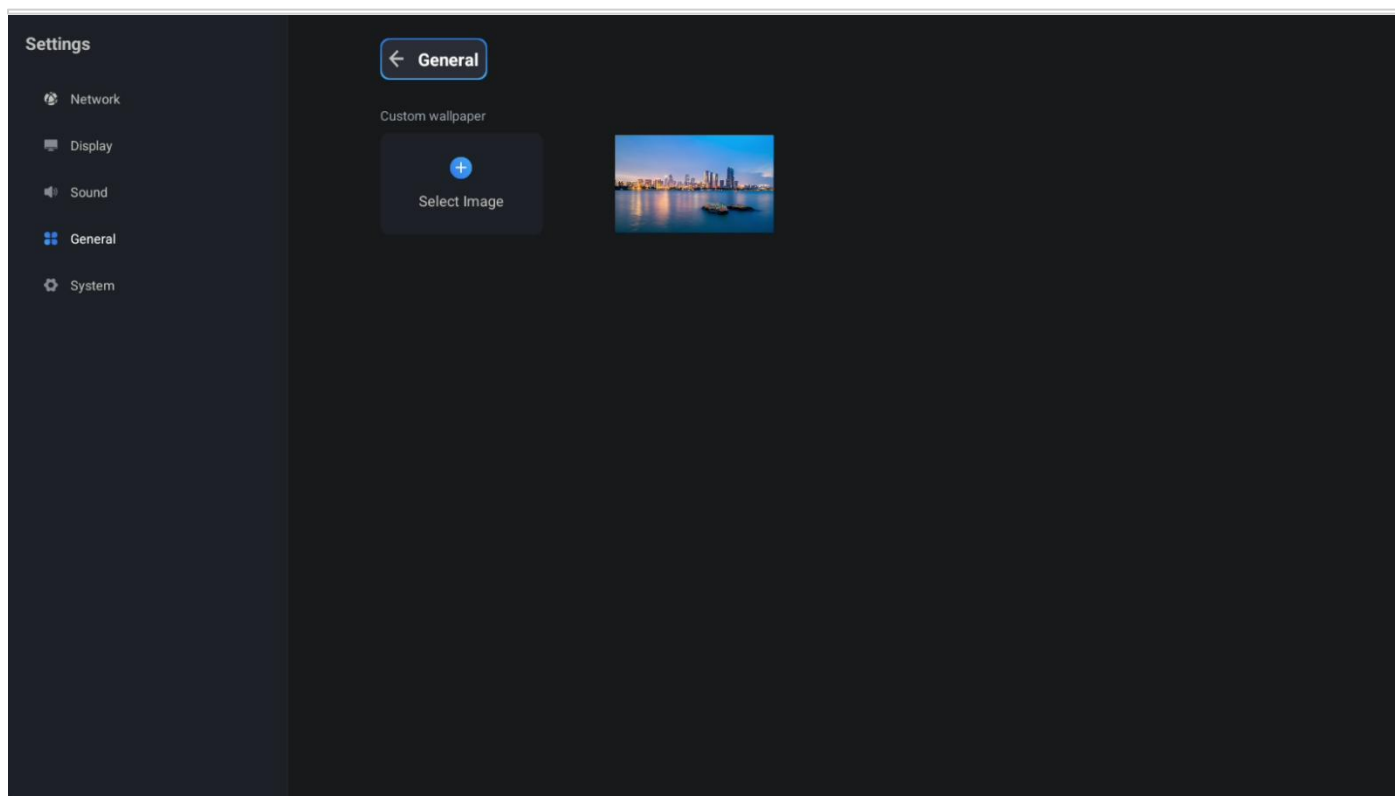


Figure 8-1 2 Wallpaper

3.4 Power on and play the program .

select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select " General " > "Boot Programs" to enter the startup playback program interface.

Step 3: If a program has already been created, click "Select ", choose a program to play from the program list, and enable "Boot Program." If no program has been created yet , you need to select "Program Editor" on the main system interface to enter the program control interface and complete the creation of a new program.

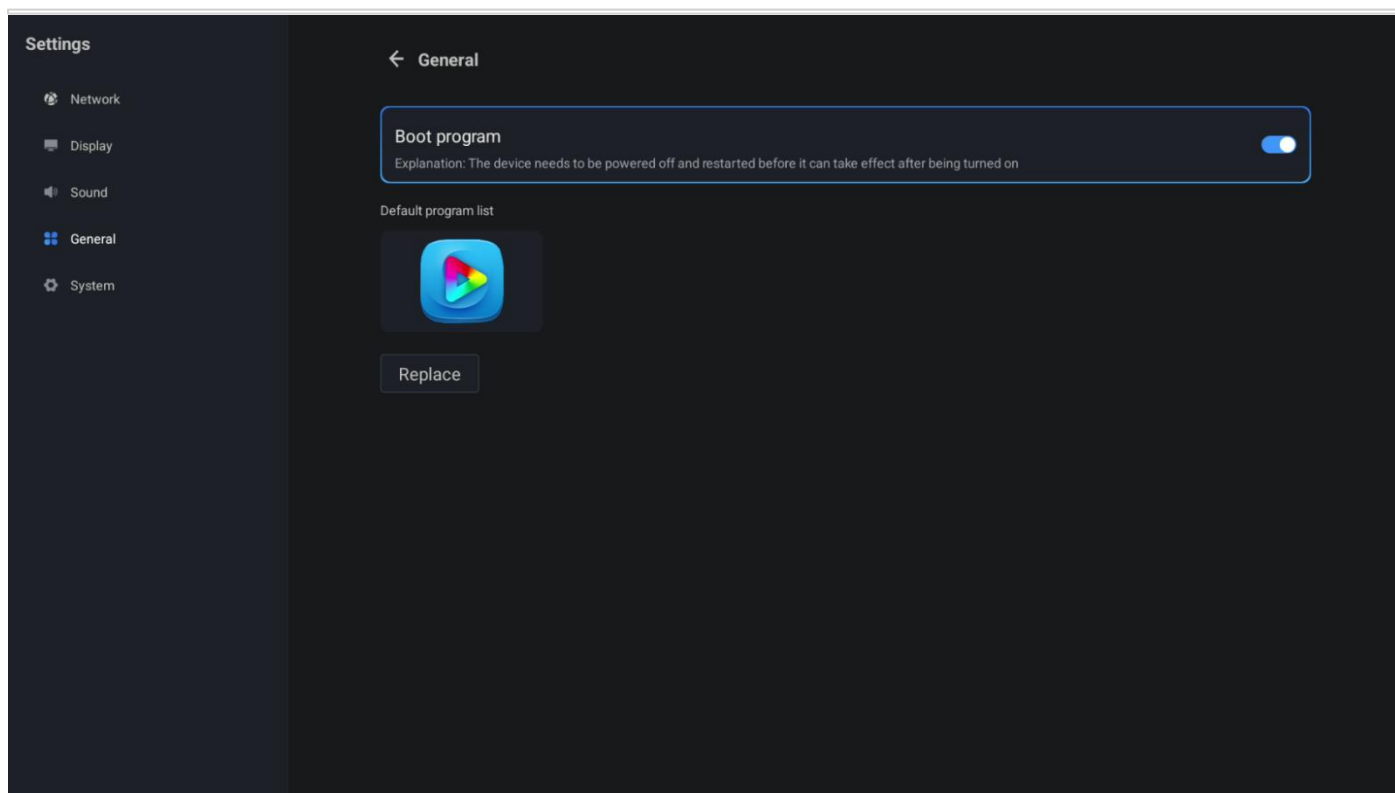


Figure 8-1 3 Start playing programs upon boot

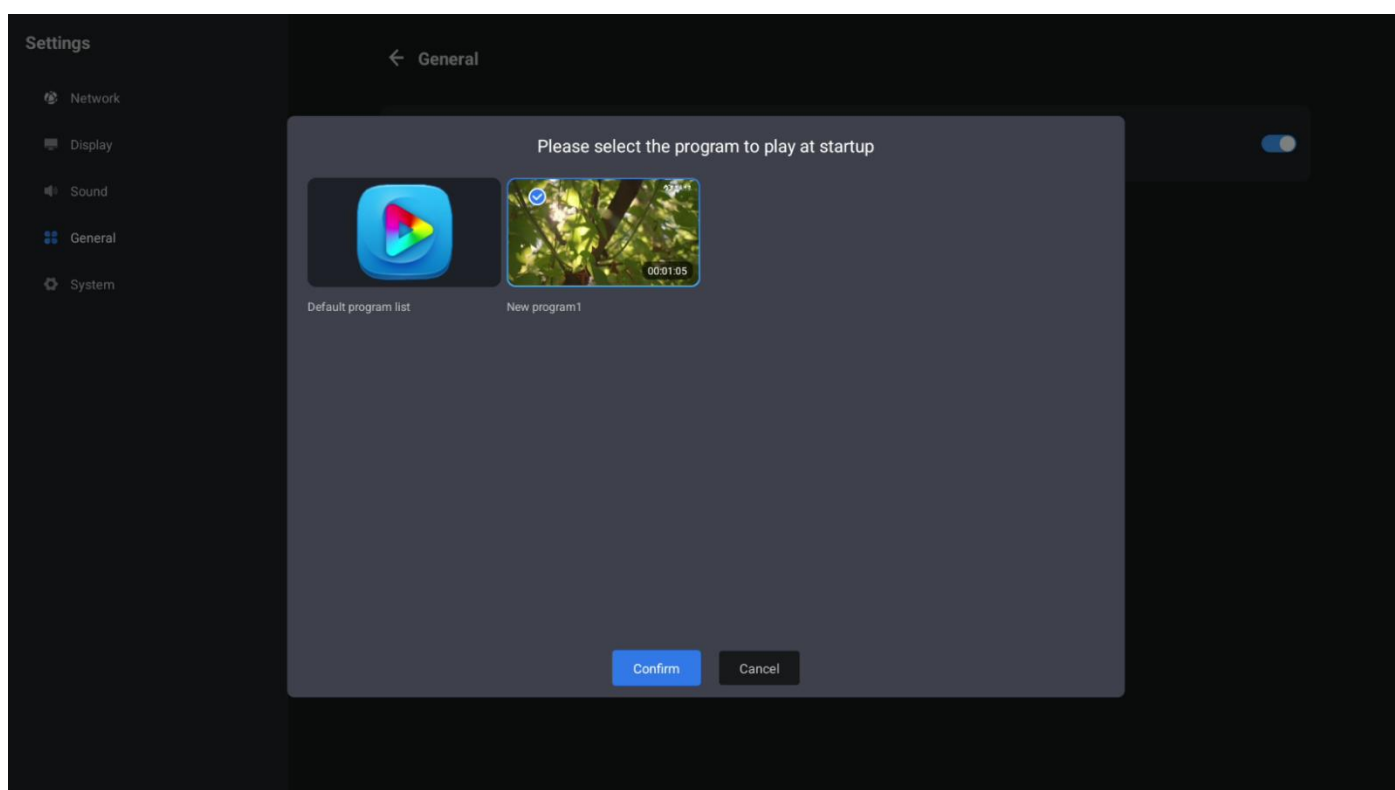


Figure 8-1 4 Replace the boot program

3.5 Voice control

select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select " General " > " Voice Control " to enter the voice control interface .

Turn on voice recognition and use the remote control or external microphone to control the screen with your voice. Turn on display to show the voice commands in real time. For related operations, open Settings , select "System" > " New User Guide " > " Smart Voice " to view the demonstration animation.

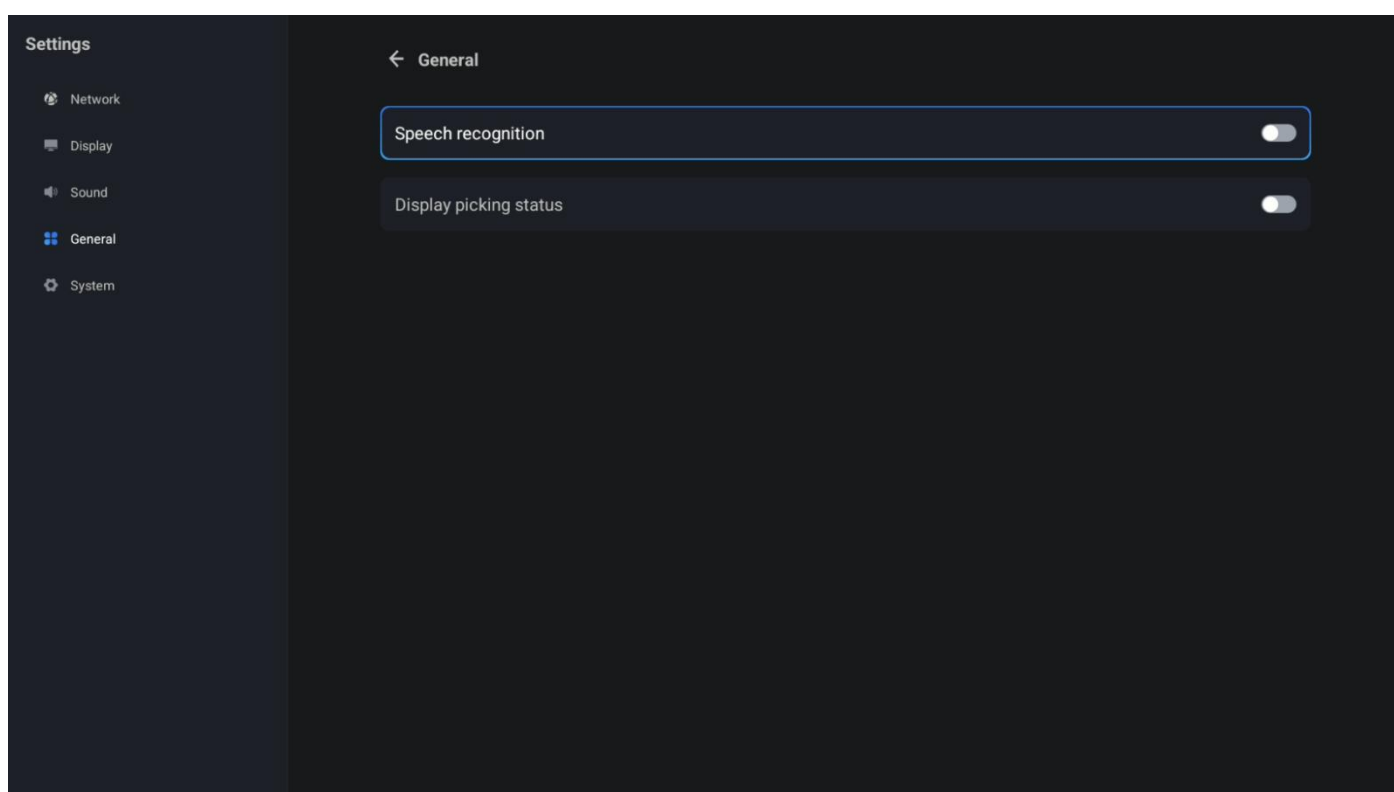


Figure 8-15 Voice control

4. System Settings

4.1 Language and Keyboard

select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select " System " > "Language and Keyboard" to enter the language and keyboard settings interface.

Step 3: Configure the system language and keyboard.

Language: Options include "English", "Simplified Chinese", and "Traditional Chinese"

Keyboard: Optional " Sogou Input Method"

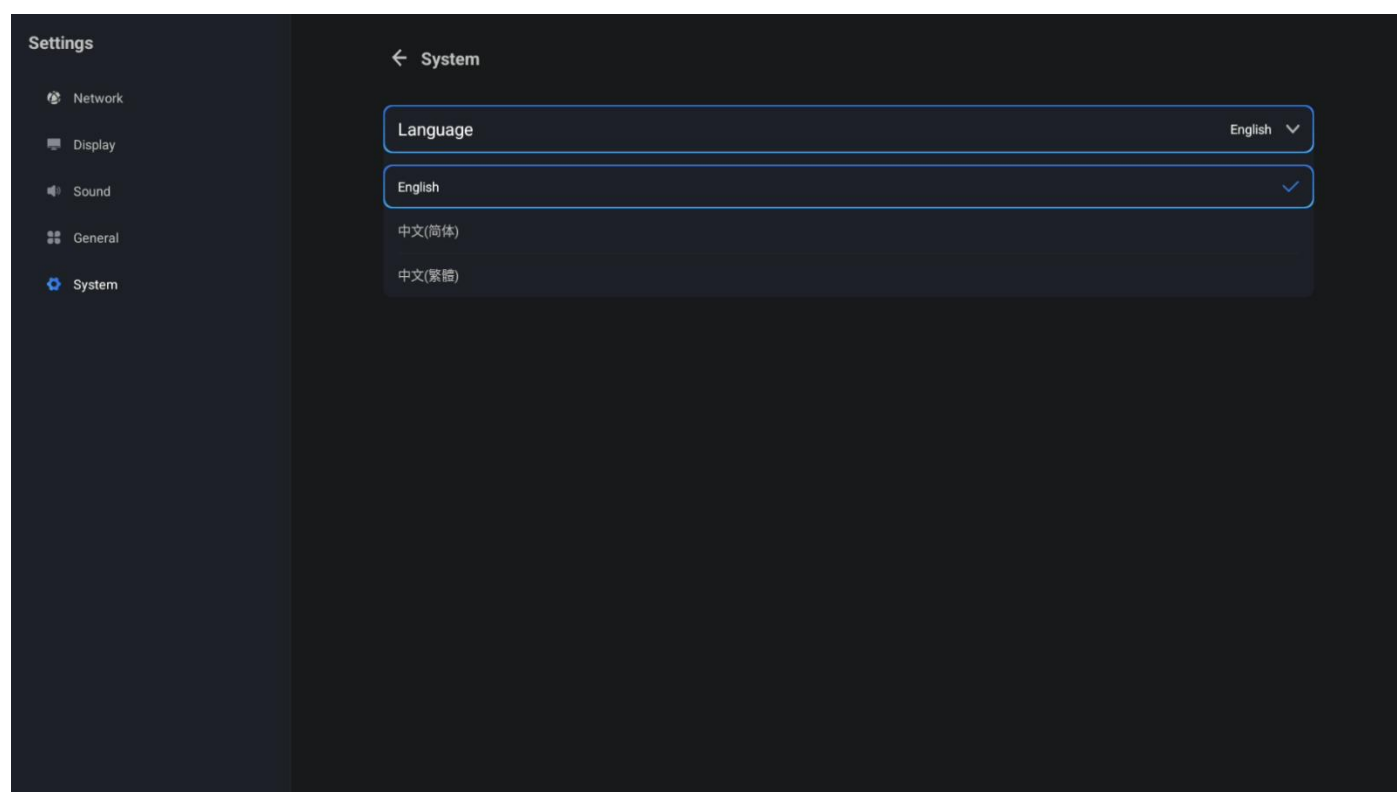


Figure 8-16 Languages and Keyboards

4.2 Time and Date

select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select " System " > "Time and Date" to enter the time and date settings interface.

Step 3: Set the system time and date.

- Open "Start NTP Time Calibration", enter the NTP server address, and you can obtain the network time.
- You can also disable the system time setting.
- Choose different time zones based on different geographical locations.

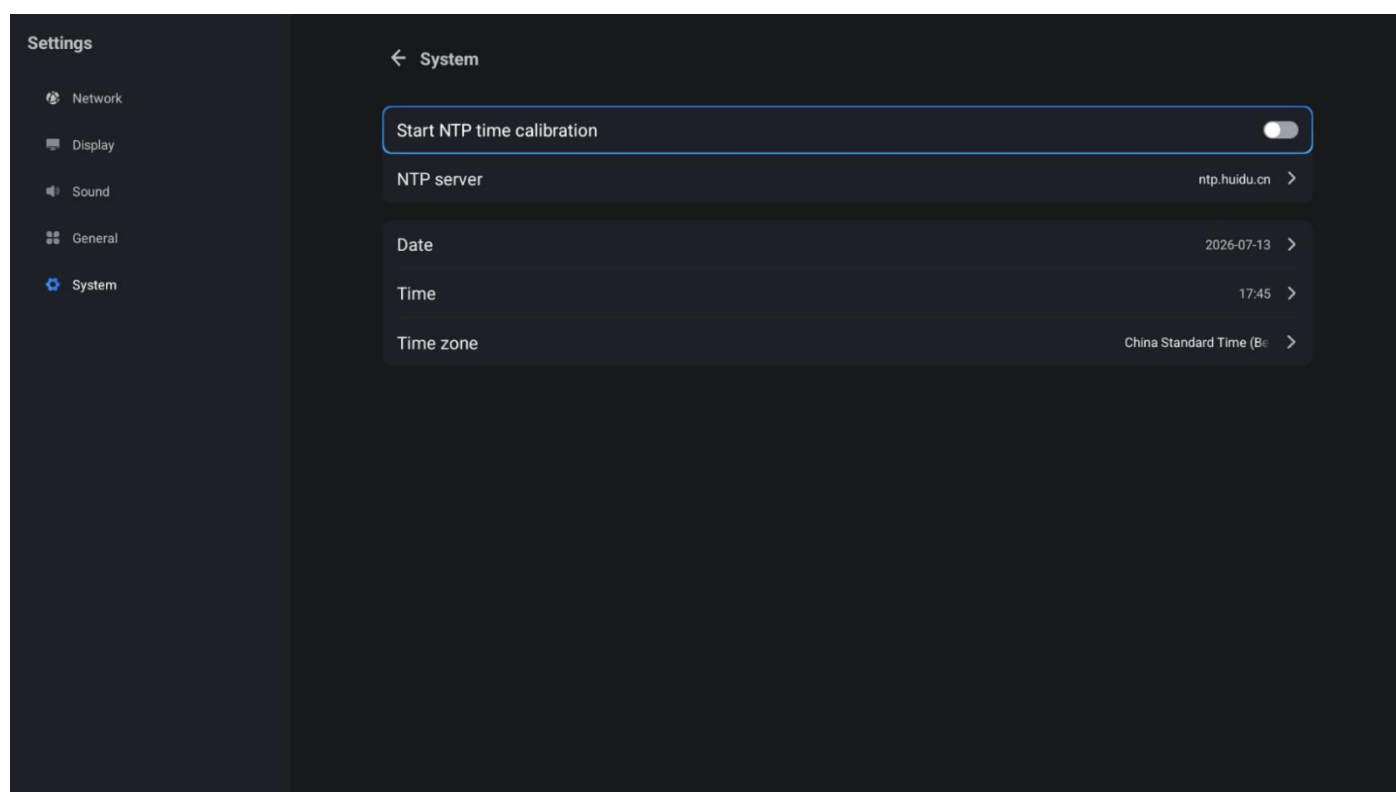


Figure 8-17 Time and Date

4.3 System Upgrade

select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select "System" > "System Upgrade" to enter the system upgrade interface.

Step 3: Insert the USB flash drive containing the upgrade package into the device's USB port as prompted.

Step 4 : Select "Local Upgrade" and press the remote control.

Note: Keep the device powered on during the upgrade process and do not plug or unplug the USB drive. The upgrade will take approximately 3-5 minutes. (Powering off or unplugging the USB drive may damage the device).

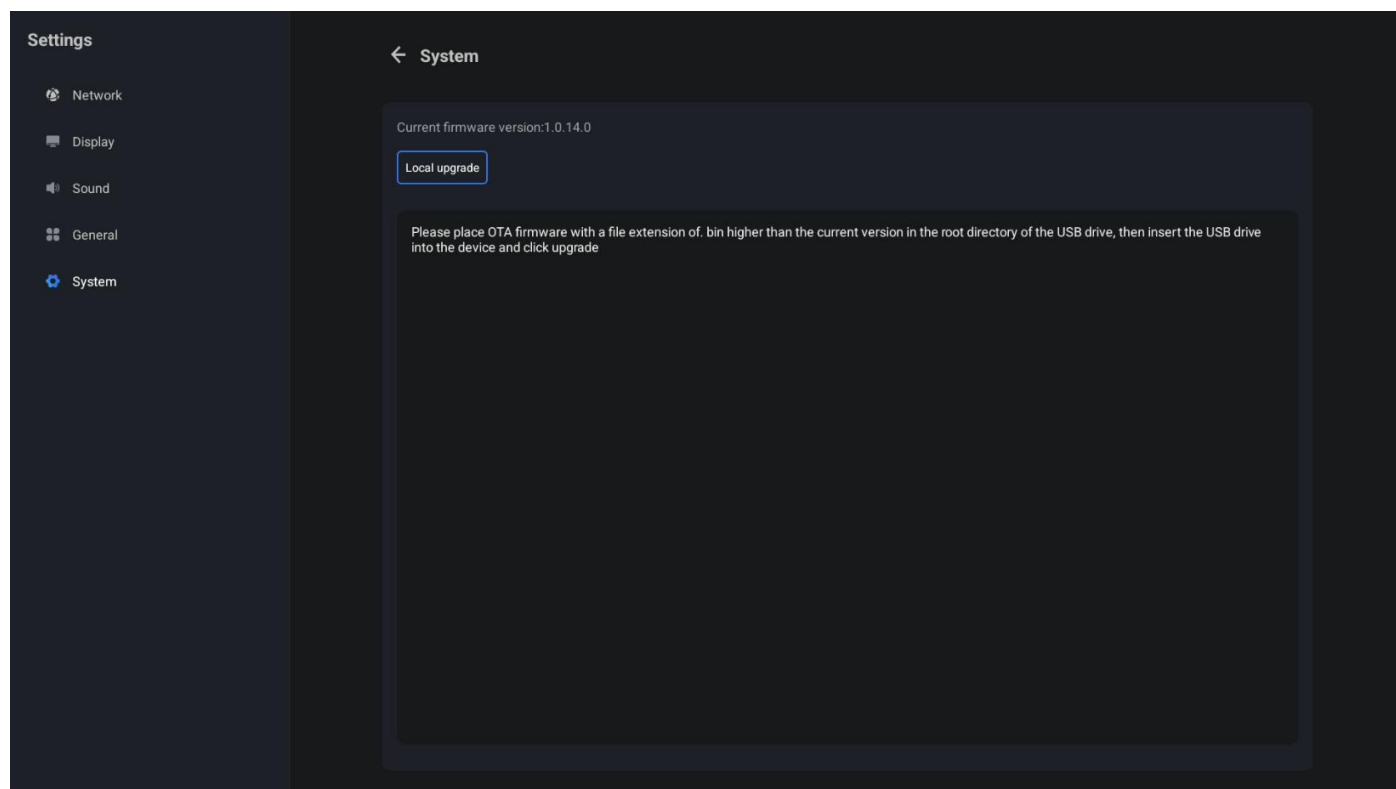


Figure 8-1 8 System Upgrade

4.4 Restore factory settings

select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select "System" > "Factory data reset" to enter the factory reset interface.

Step 3 : Select "Factory data reset" to restore the synchronous and asynchronous dual-mode LED player to its factory state.

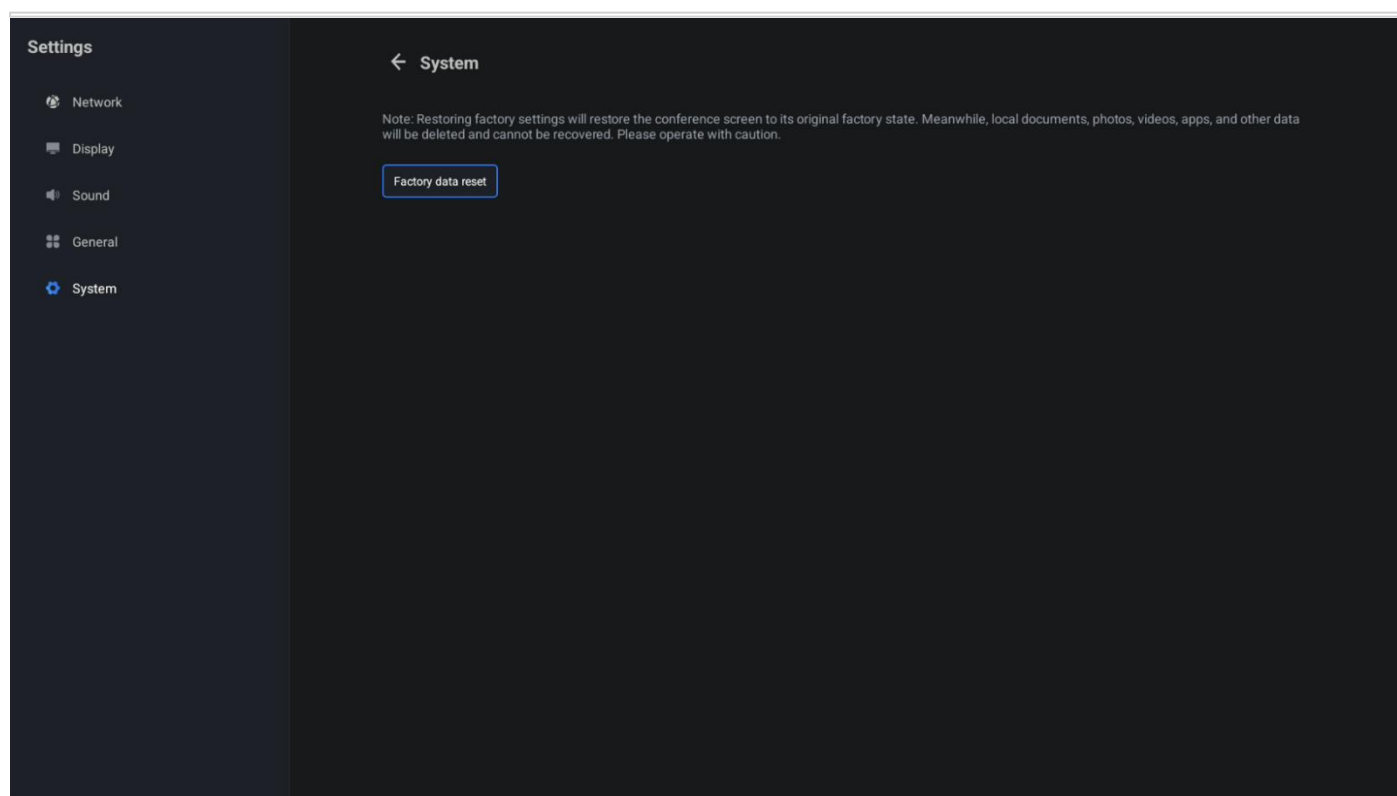


Figure 8-1 9 Restore factory settings

4.5 Device self-test

Step 1 : On the main system interface, select "More apps" to enter the APP application interface, and click "Settings" or directly select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select "System" > " Device Self-Test " to enter the device self-test interface.

Step 3 Click "Start Detection" to view basic device information and hardware usage status, and also supports exporting the detection report to a USB flash drive .

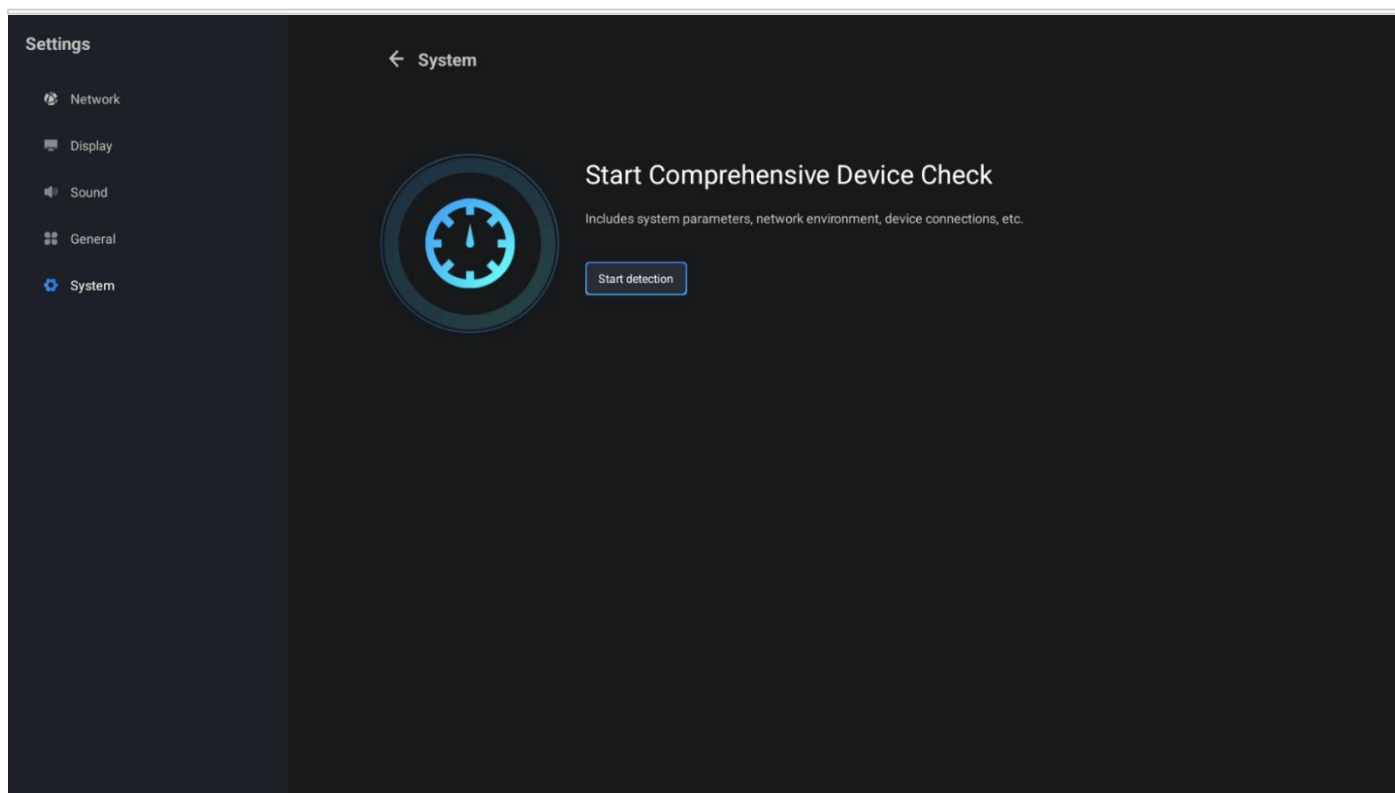


Figure 8-20 Device self-test

4.6 Export Logs

Step 1 : On the main system interface, select "More apps" to enter the APP application interface, and click "Settings" or directly select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select "System" > " Export Log " to enter the export log interface . The log file can be selected from the local machine (root directory) / USB drive.

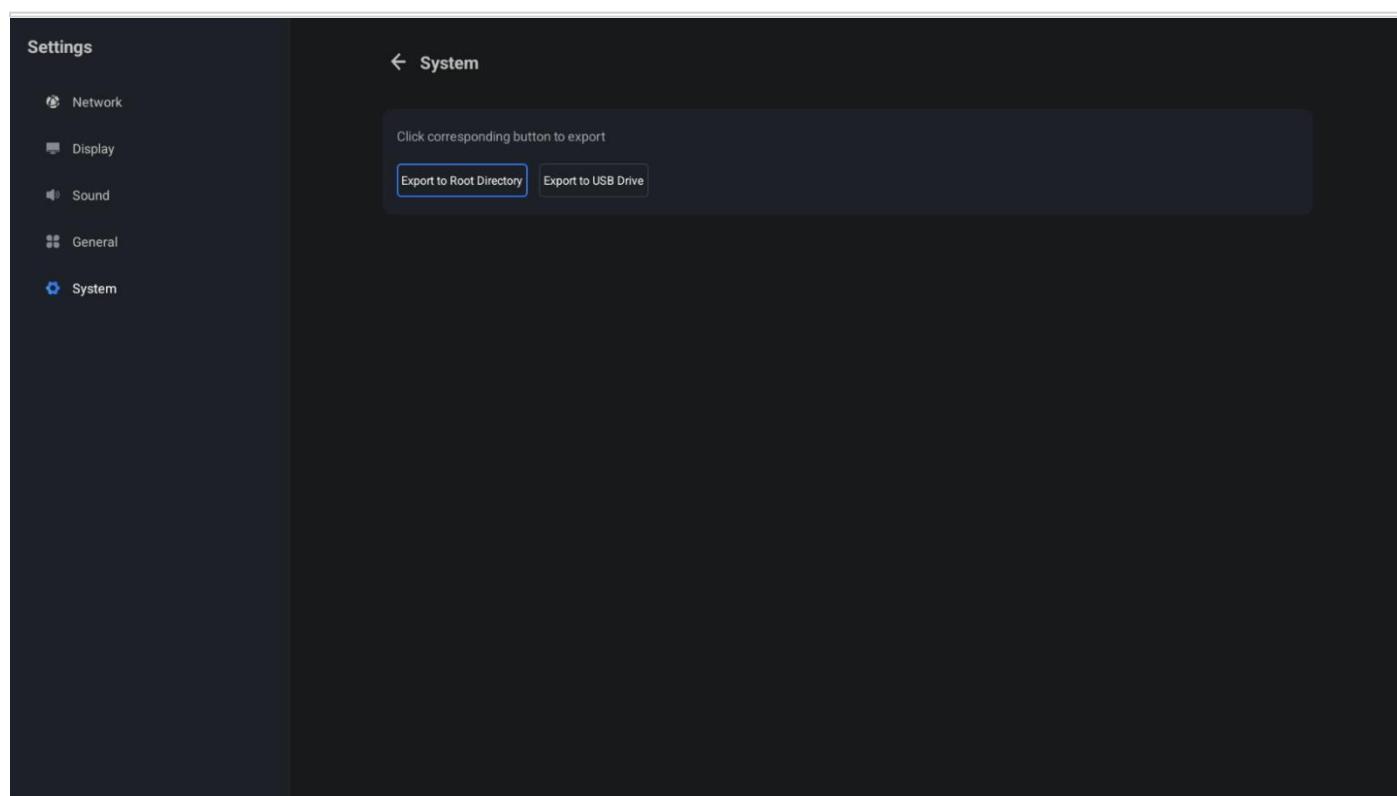


Figure 8-21 Export Logs

4.7 Beginner's Guide

Step 1 : On the main system interface, select "More apps" to enter the APP application interface, and click "Settings" or directly select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select "System" > " New User Guide " to enter the New User Guide interface . It provides simple demonstrations and explanations of functions such as remote control pairing, wireless screen projection, and meeting mode .

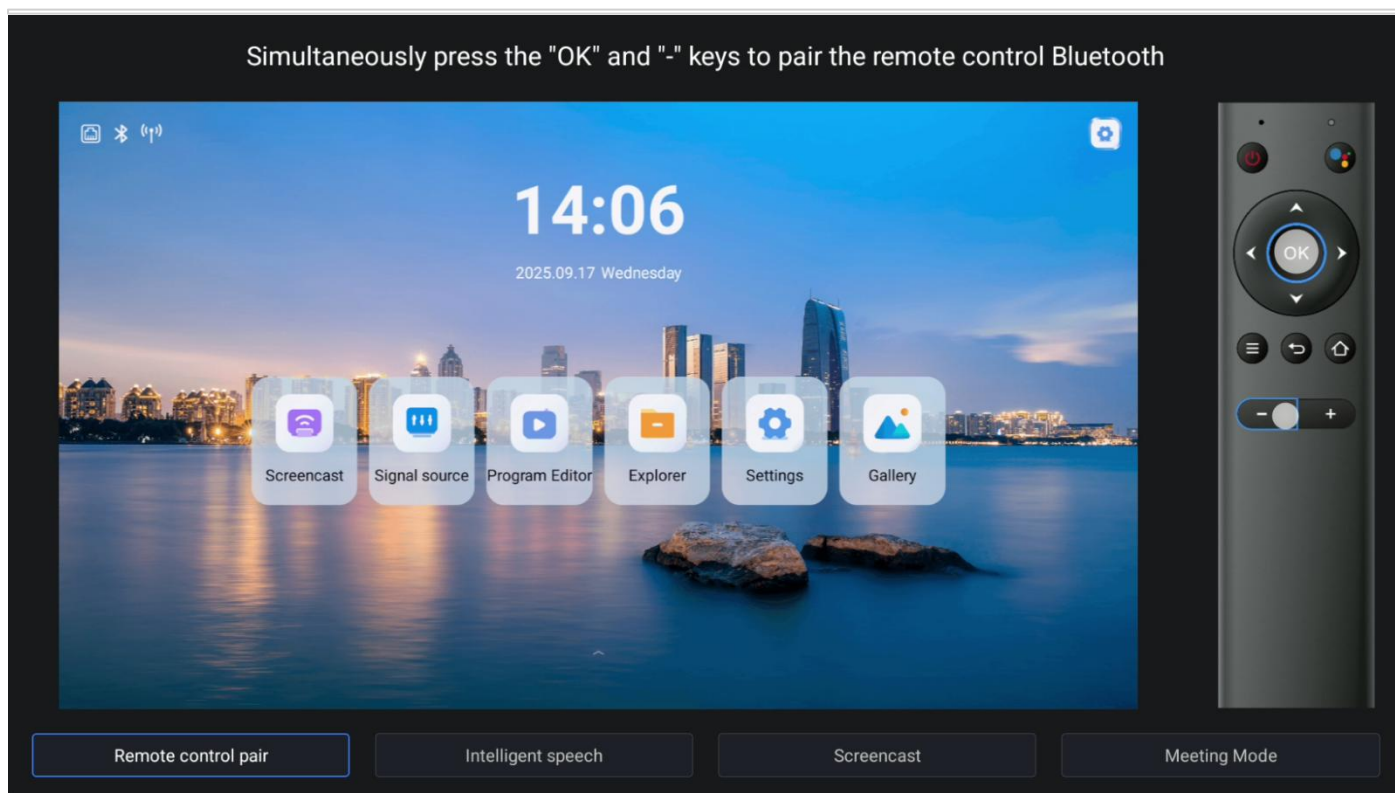


Figure 8-22 Beginner's Guide

4.8 About

select the "Settings" icon in the upper right corner of the main system interface and press the remote control.

Step 2: Open the menu interface, select "System" > "About" to enter the About interface.

Step 3: Users can modify the device name or view relevant information.

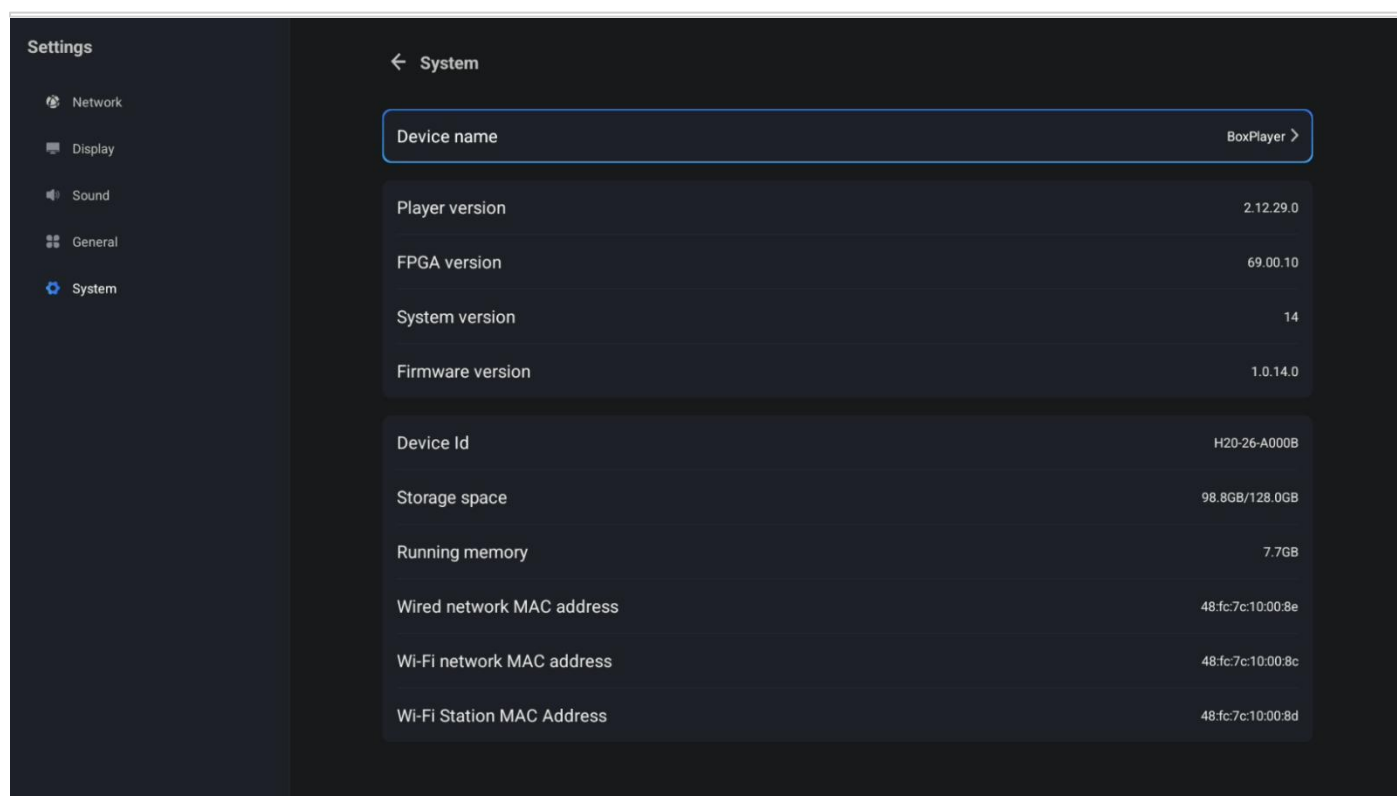


Figure 8-23 about