How to use the IVI System

User Guide

【IVI System: In-Vehicle Infotainment System】

Start Reading

CONTENTS

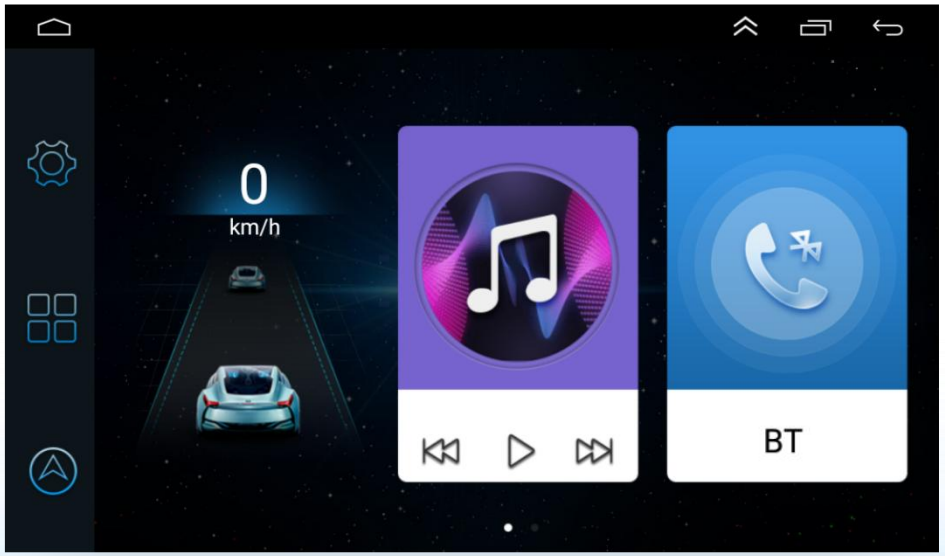
Home
Menu
Theme
Music
Video
Radio
Bluetooth
DSP Set
Phone Link
Car Settings
AUX
File
Recorder
Play Store
Maps
Chrome

I. Home

1. Page introduction:

1) Desktop top icon:

Home **Hide** **Backstage**



2. App introduction:

1) Click to return to the main page

2) Click to hide the top icon, click again to restore

3) Click to select or close a running apps

4) Click to step back

5) Click to enter the car settings

6) Click to browse all apps

7) Click to enter the navigation app

8) Five-finger long press the screen to calibrate the touch

3. Touch settings:

- Set the touch buttons: power, main interface, return, volume+, volume-, previous, next, navigation, etc.

II. Drop-down Menu

Touch the screen and drag down to pop up a drop-down menu, drag up to hide it

1. Page introduction:

1) WiFi, click to turn on/off, press and hold to enter the WiFi

2) Bluetooth, click to turn on/off, press and hold to enter the BT

3) Screen off, click to turn off the screen

4) Car Amplifier, click to turn on/off

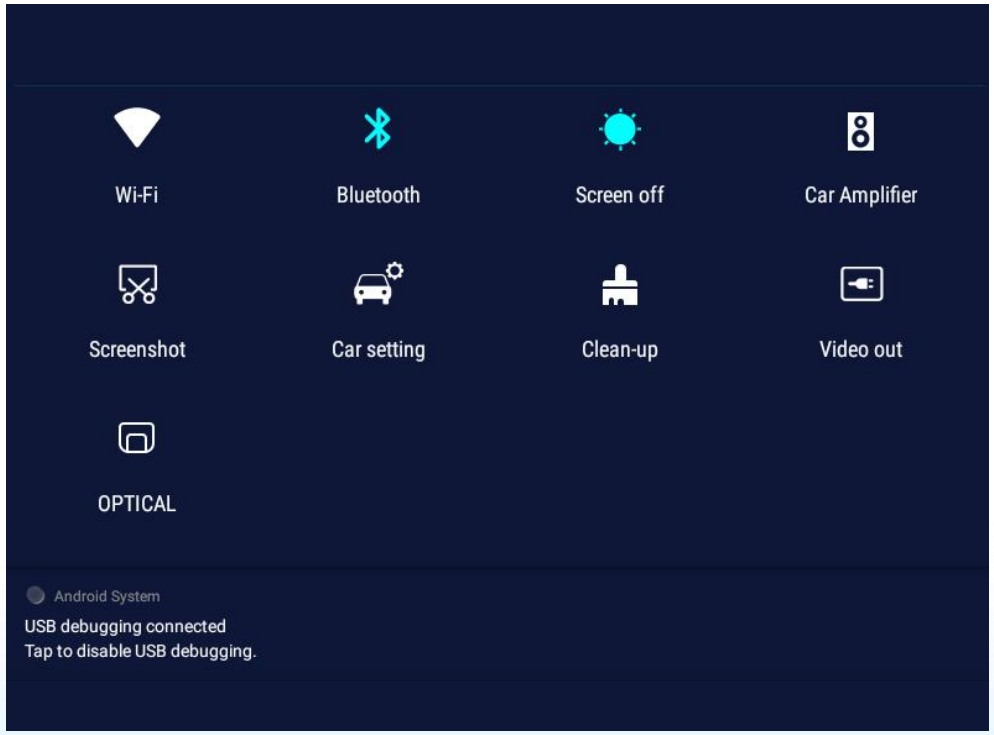
5) Screenshot, save the picture to the file manager

6) Car settings, click to enter car settings

7) Clear-up, click to clear the device garbage

8) Video out, click to enter the video output interface

9) Optical fiber output, click to turn on/off

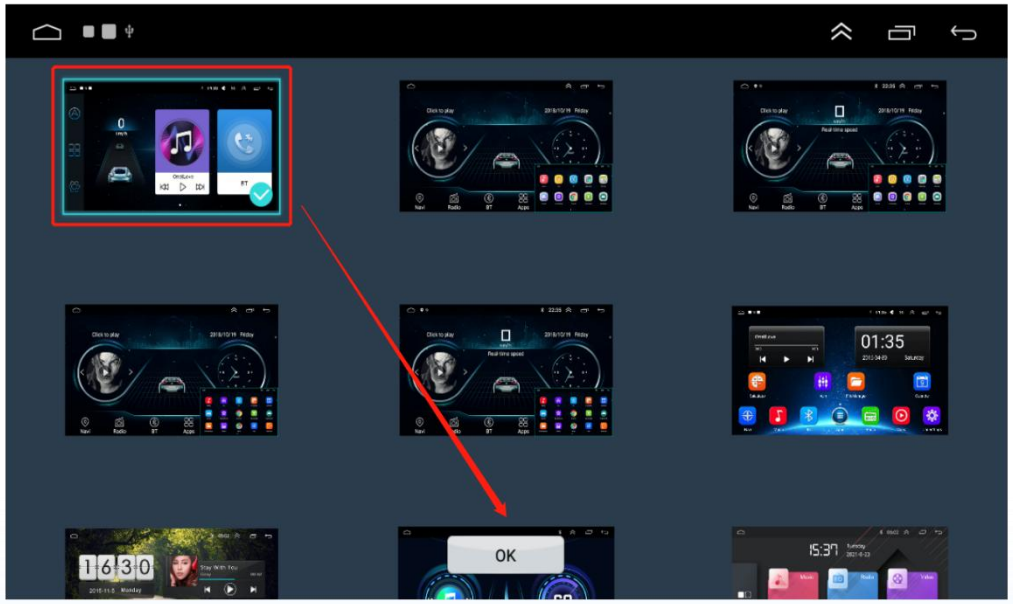


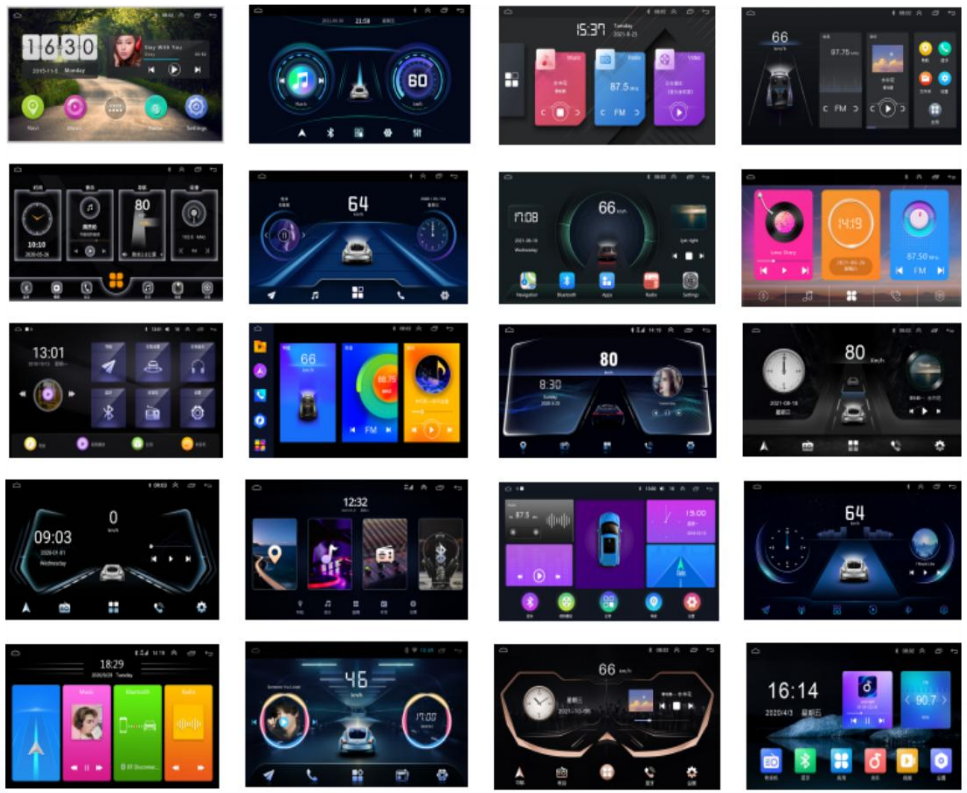
III. Theme

1. App introduction:

To provide you with 26 sets of different styles of themes

- Click **[Theme]**---Choose your favorite---Click **[OK]**



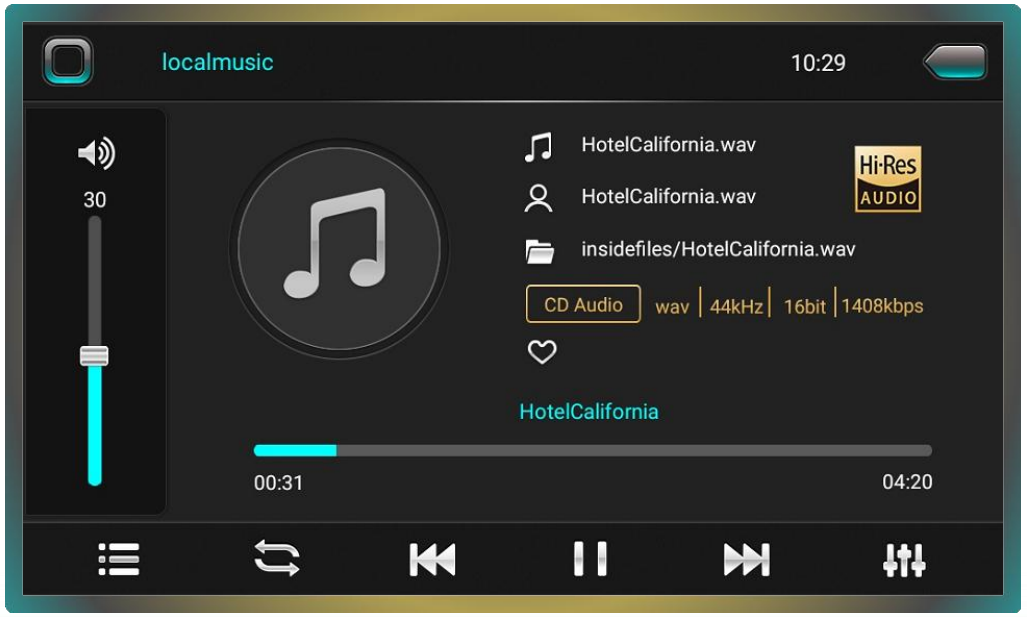


IV. Music

Click "Music" to enter the app

- **This operation is valid when the device has media files**
- **Key introduction:**

1. Playlist: directory, song, singer, favorites, search
2. Playback mode: single loop, listing loop, random play
3. Sound effect: rock, classical, jazz, pop and other modes, can also be customized
4. How to play U disk audio:
   - Insert the U disk and the music will be played directly in the local music
   - Open **[File Manager]** --- Select the audio file and click **[Copy]** --- Switch to the **[Internal storage]** --- Click **[Paste]**

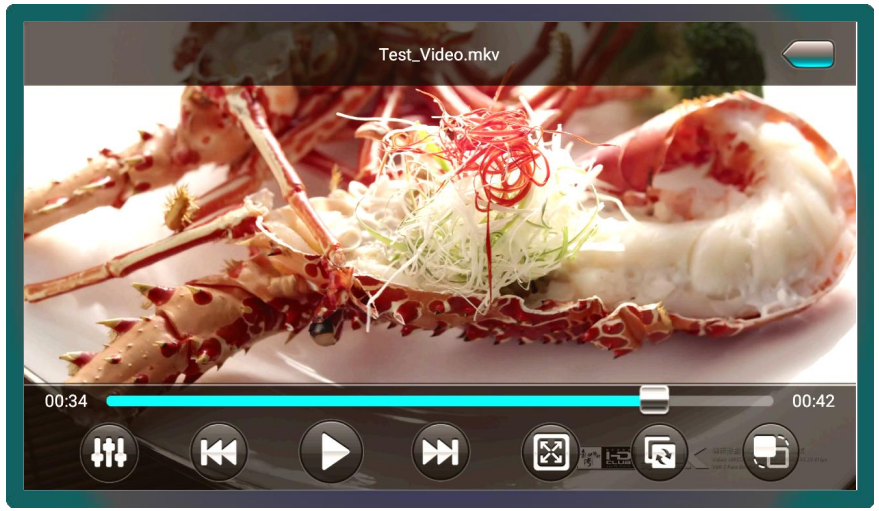


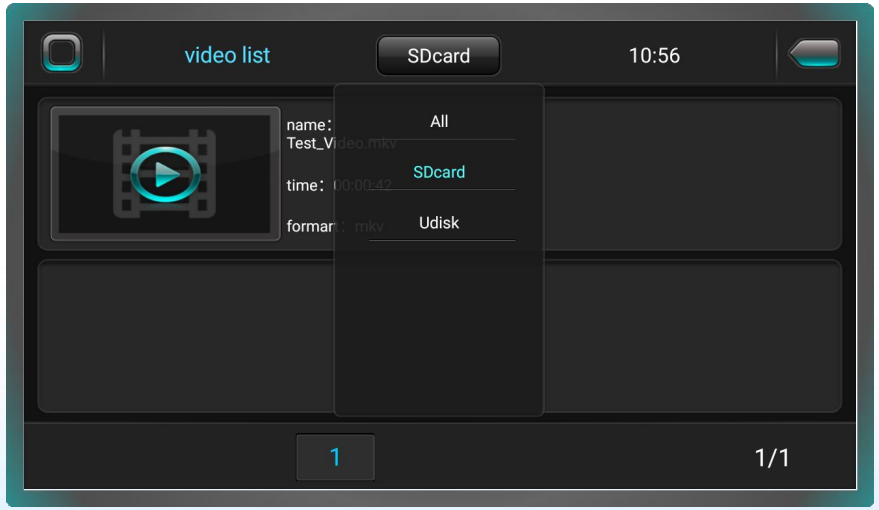
V. Video

Click "Video" to enter the app

- **This operation is valid when the device has video files**
- **Key introduction:**

1. Playback mode: single loop, listing loop, random play
2. Screen ratio: full screen, 4:3, 16:9
3. Playback mode: dual-screen display, picture-in-picture
4. Small window play: Open **[picture-in-picture]**, switch the video to run in the background. Click to play the video in full screen mode.
5. Video list: All, SD card, Udisk



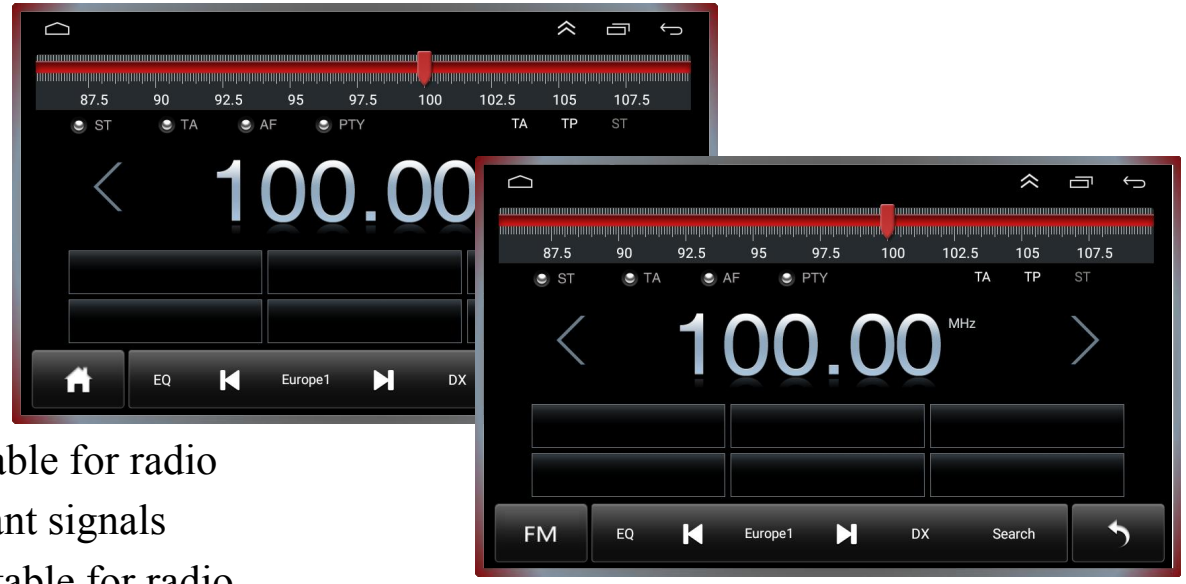


VI. Radio

Click "Radio" to enter the app

- **The FM/AM band can store 40 valid platforms each**
- **Key introduction:**

Home	
Return	
EQ	Sound effect
Search up	
Search down	
Previous	
Next	
DX	DX/LOC switch
FM	FM/AM switch



1. DX/LOC:

DX: High sensitivity, suitable for radio stations with weak or distant signals

LOC: Low sensitivity, suitable for radio stations with strong local signals

2. Auto search:

Click **[Search]** to perform the automatic search function, and automatically save the searched stations

3. FM/AM:

FM: 64.0MHz-108.0MHz

AM: 522KHz-1629KHz

* FM+RDS AM+FM+RDS: The interface is different

4. Contractions:

ST: Stereo switch during FM radio

TA: Automatically search for other transmission frequencies of the current station

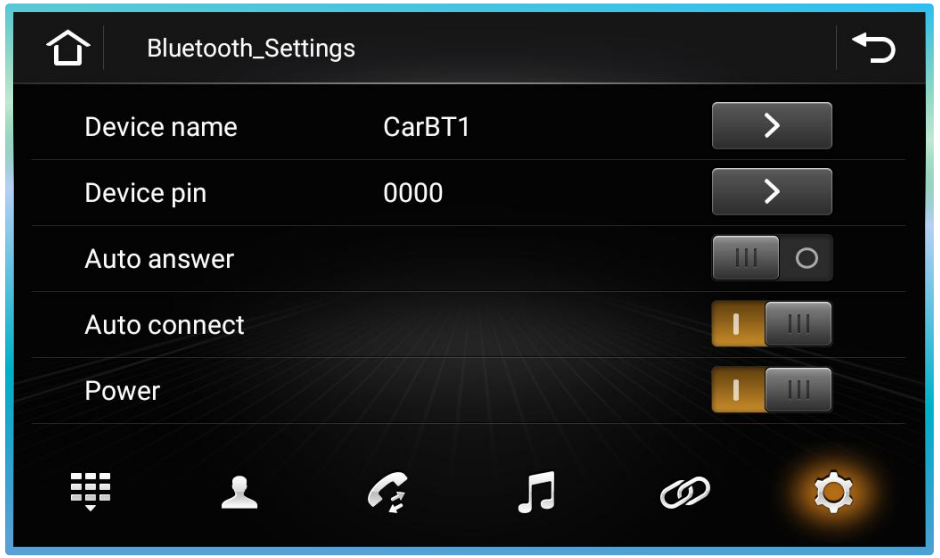
AF: Automatically search for stations of the same type of program

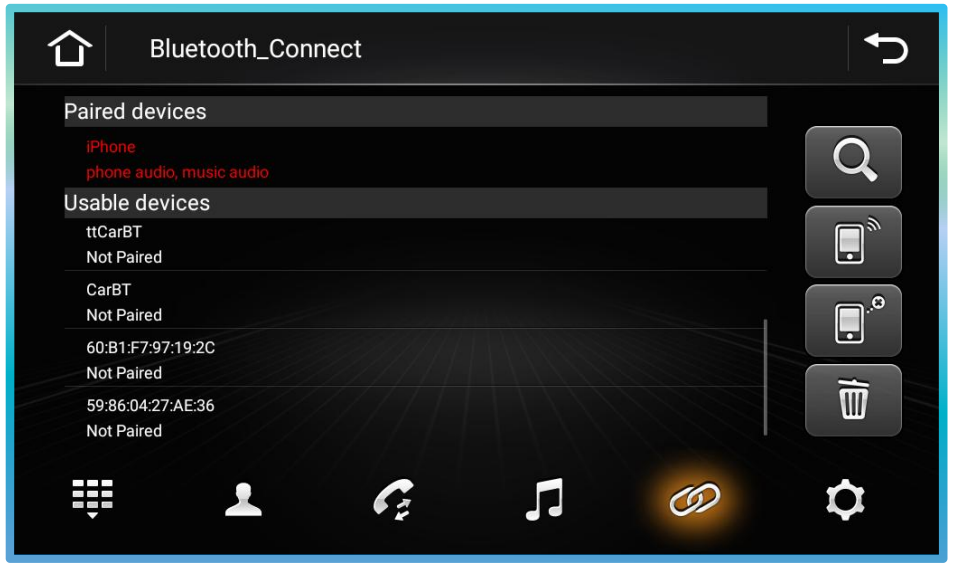
PTY: Display and search of program types

TP: Mandatory traffic information

VII. Bluetooth

Click "Bluetooth" to enter the app





Settings: View the name, PIN code, and other data of the device. Yellow lights up to indicate selected

Icon meaning: Search for Bluetooth devices, connect Bluetooth devices, disconnect, delete pairing records

1. Pairing steps:

- Turn on the Bluetooth on the mobile phone --- Click to enter the connection interface --- Click --- Click the device you want to pair --- Enter the PIN code on the mobile phone and the connection is complete

Introduction to Bluetooth function

Click --- The phone pops up "Whether to allow access to contact information", and the device will sync the contacts after confirmation (Please do not operate at will during this process)

Open the phone's music app to play BT music
(A2DP and AVRCP need to be connected)

incoming call outgoing call missed call
Click to update the call history, click again to pause
Click to switch the sound from the IVI System/Phone

Click to sync contacts
Call the selected contact
Update the contact, click again to pause

After the Bluetooth is connected, enter the number,
Click to dial
Redial

VIII. DSP Settings

Click "DSP Settings" to enter the app

1. Equalizer:

1) With 36-band electronic EQ tuning DSP power amplifier, it provides a variety of sound modes + customization. Compensate and modify various sound sources, sound fields, or speaker effects by adjusting electrical signals of different frequencies.

2. Surround:

1) Four sound processing algorithms (BBE, DTS, DOLBY, SRS), and a variety of surround sounds for you to choose from. The sound is transmitted from different orientations to achieve an immersive effect.

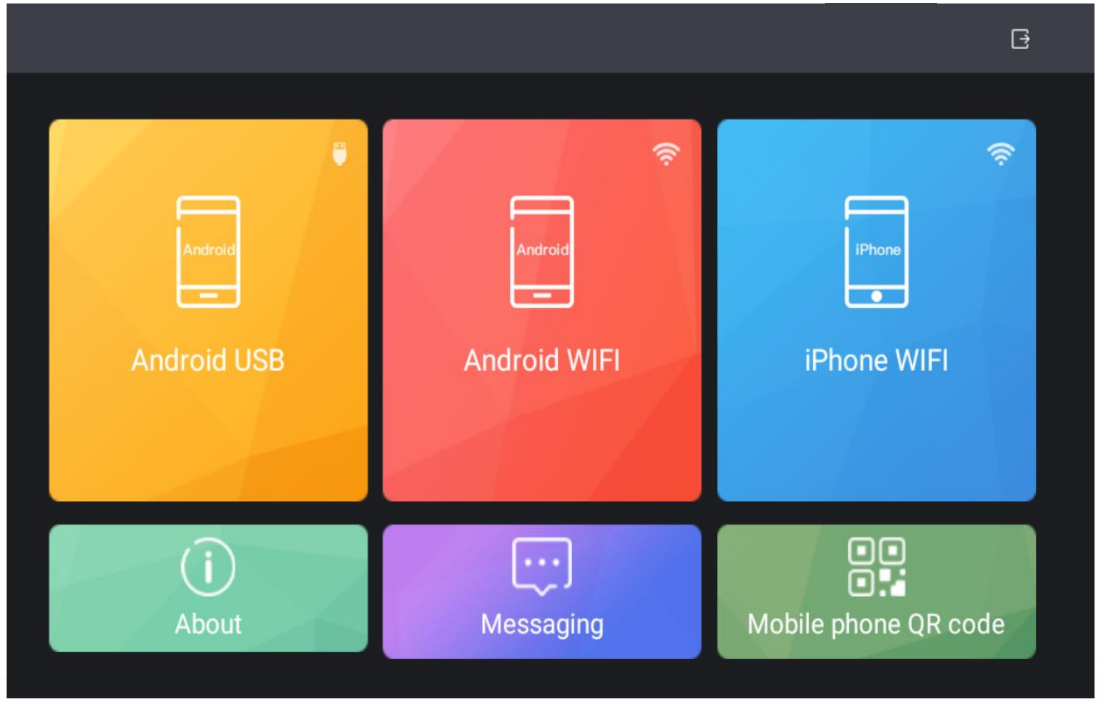
Click ⓘ to view the instructions

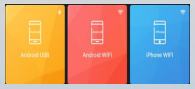
3. Loudspeaker:

1) Click to enter the speaker adjustment interface, which is centered by default (indicating the sound equalization output).In the user mode, the time, volume, and phase of the four sound field channels can be set, of which MS and CM are automatically changed.

2) Users can choose the default, main driver, co-pilot, etc. according to their preferences, and they can also set the distance value or delay value in the user mode to achieve the best listening effect.

* TIMA (optional)



Tip: Click  to view detailed instructions

1. Page introduction:

1) TIMA is an Internet of Vehicles application that perfectly combines in-vehicle hardware with the mobile internet, enabling your mobile phone working with vehicel device. TIMA provides powerful functions such as emergency help, anti-theft alarm, driving record, entertainment, and information interaction.

2) Functions: Android USB, Android WIFI, iPhone WIFI. TIMA needs to be installed on the phone before use.

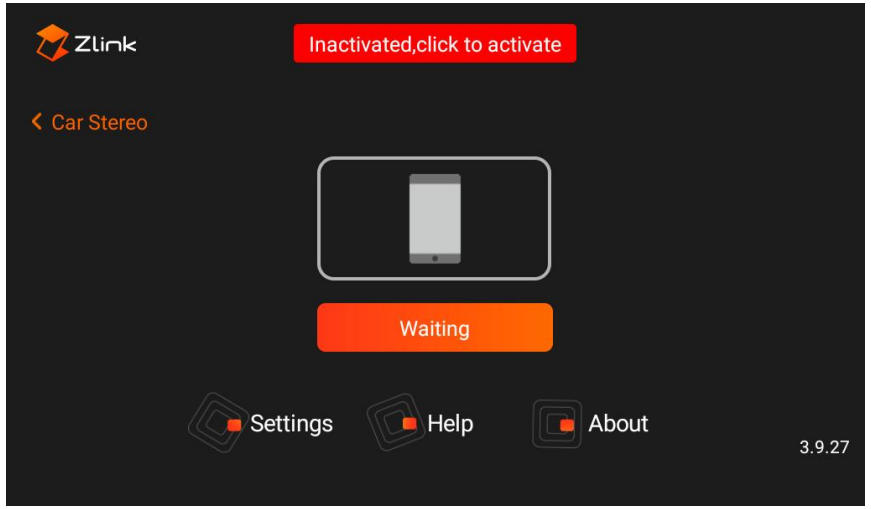
2. Method:

1) Android: Search for **[TiAVN]** in the app store;
iPhone: Search for **[TiAVN]** in the app store.

2) Click **[TIMA]** on the IVI System --- Click **[Mobile phone QR code]** --- Scan the QR code to download.

3) When Android phone is connected to the IVI System by USB line, the IVI System will push the app to the mobile, click the phone to download.

* ZLINK (optional)



Zlink3

Zlink 5

1. Page introduction:

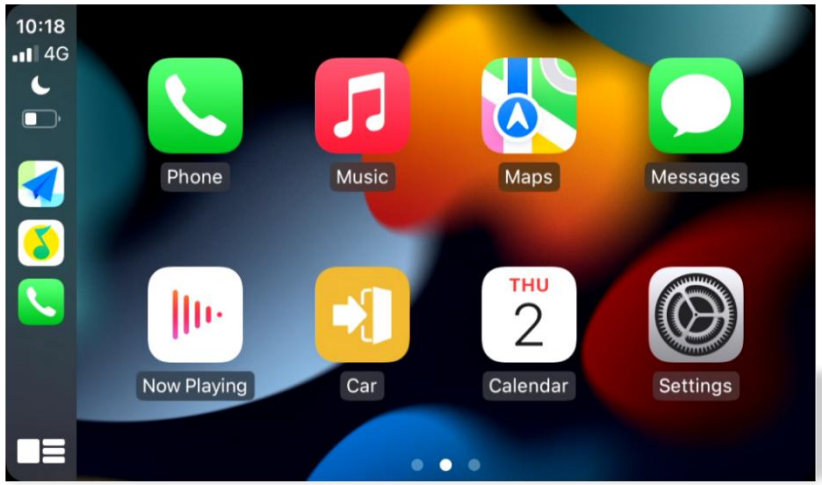
1) Zlink is a smart application that connects IVI System with mobile phones.You can control navigation, music, answer phone calls, etc. on the display screen to enhance the owner's driving service experience and sense of security.

2) Must connect to internet to activate before using Zlink.

2. App introduction:

1) Support wired CarPlay, wireless CarPlay, wired Android Auto, wireless Android Auto, and screen projection functions (Zlink 5).

2) After the Zlink5 connection is successful, click to enter the screen projection mode, and click again to return to connected mode.



1. Wired CarPlay Connection:

① Connect the mobile phone to Bluetooth of the IVI System;

② A prompt window will pop up when using Carplay for the first time

③ Click **[use vehicle-mounted CarPlay]**;

④ After the connection is successful, the IVI System will display the application, iPhone's Bluetooth is automatically disconnected;

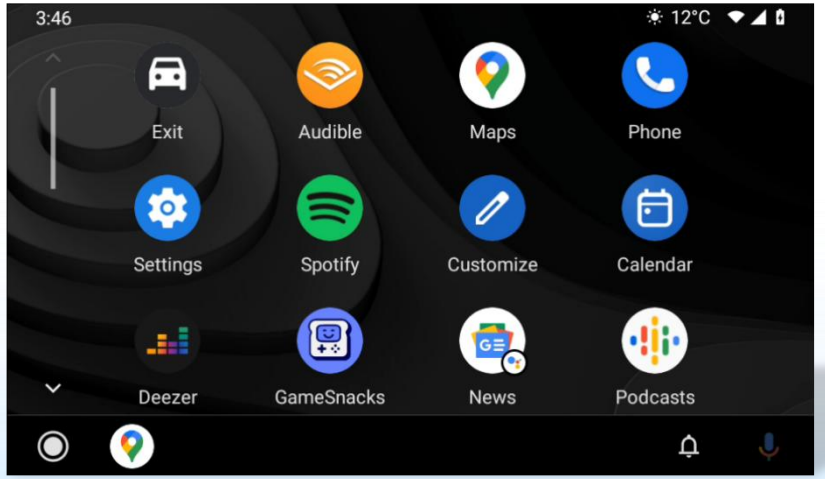
⑤ Meanwhile, the phone's WiFi will automatically connect to the hotspot of the IVI System.

◆ Disconnect mode: Turn off WiFi and Bluetooth.
(If Bluetooth is not turned off, Carplay will be connected automatically)

2. Wired Carplay Connection:

① Connect the iPhone to the USB OTG interface of the IVI System;

② After the connection is successful, the IVI System will display the app page.



3. Android Auto Wired Connection:

① Installation of prerequisite software of Android auto;

② Click to turn on Android auto;

③ Connect the mobile phone to the USB port of the IVI System;

④ Android auto will automatically detect and connect.

4. Android Auto Wireless Connection:

① Connect the mobile phone to Bluetooth of the IVI System;

② After the connection is successful, the IVI System will display the app page;

(The phone's WiFi will automatically connect to the hotspot of the IVI System.)

◆ Android auto uses Bluetooth to make calls

5. iPhone Wired Projection:

① Connect mobile phone to IVI System with via USB

6. iPhone Wireless Projection:

① Click **[iPhone Wireless Projection]** to connect the IVI System to the hotspot of the iphone;

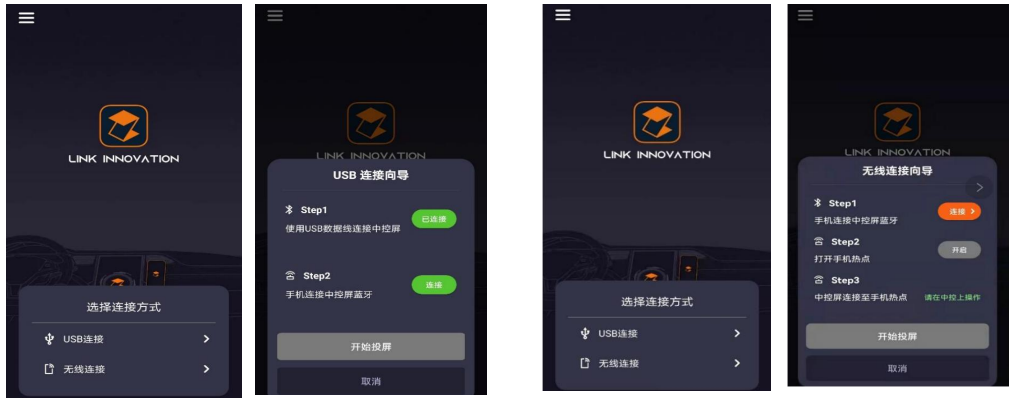
② Click **[Cast screen]** on the phone

7. Android Wired Projection:

① Click app on the mobile phone to enter the interface of selecting connection mode, and click USB connection;

② Click Step 2 to connect Bluetooth of device. After Bluetooth is connected, Step 2 changes from **[Connect]** to **[Replace]**, and you can change to other Bluetooth;

③ Click **[Start screen projection]**, the mobile phone system asks whether to display the content of the mobile phone on the IVI System, click **[Start now]**, the screen casting will be OK.



8. Android Wireless Projection:

① Click **[Android Wireless Projection]**, turn on the phone's Bluetooth to connect, then go to step 2, turn on the phone's hotspot;

② Proceed to Step3, click **[Continue]** on the IVI System, enter the **[Wireless connection wizard]**, and let the IVI System connect to the phone's hotspot;

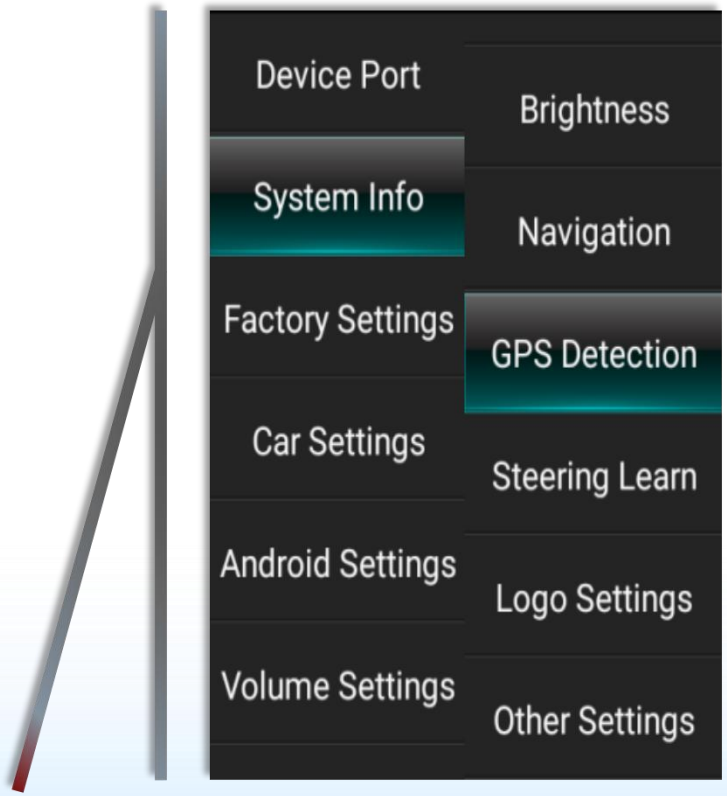
③ Click **[Cast screen]** on the phone, the screen casting will be OK.

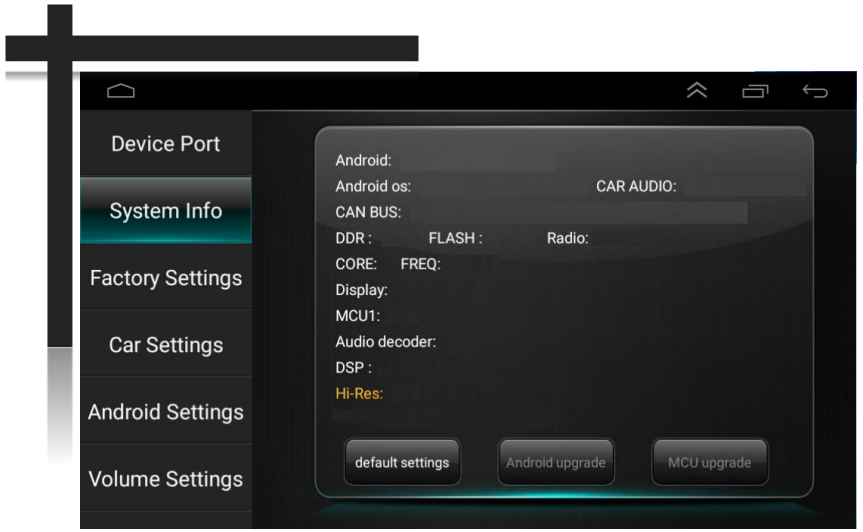
IX. Car Settings

1. Page content:

1) Device port:

Click to view the information corresponding to each port





2) System info:

Contains information such as DDR, FLASH, CPU, etc.

① Click **[System Info]** to view the SN code of the IVI System

② Click **[default settings]** to restore to the factory settings

③ Android upgrade/MCU upgrade: Upgrade the Android system version/MCU software to the latest version

3) Factory settings:

Need to enter a password (Only for the factory)

4) Car settings:

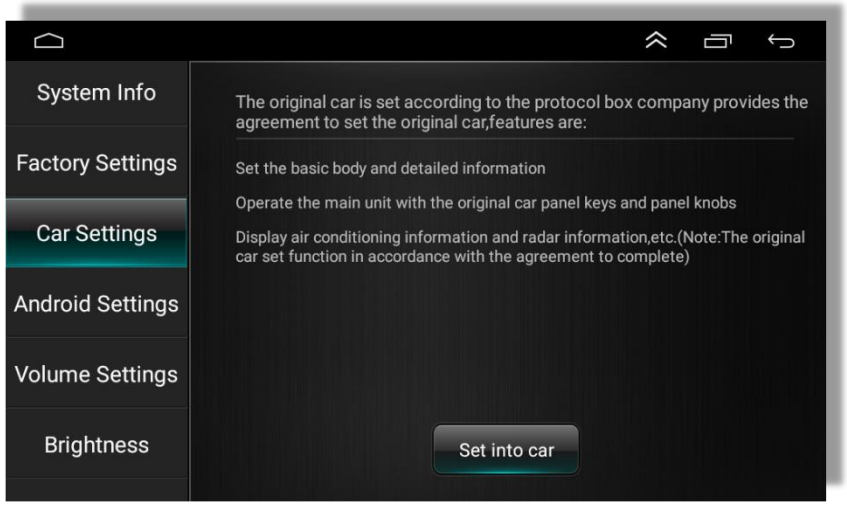
Set up the original car according to the protocol provided by the protocol box company, the functions are as follows:

① Set the basic information and detailed information of the car

② Operate the car infotainment system through the original car panel buttons and panel knobs

③ Display air conditioning information and radar information, etc.

(Note: Its function is done in accordance with the protocol)



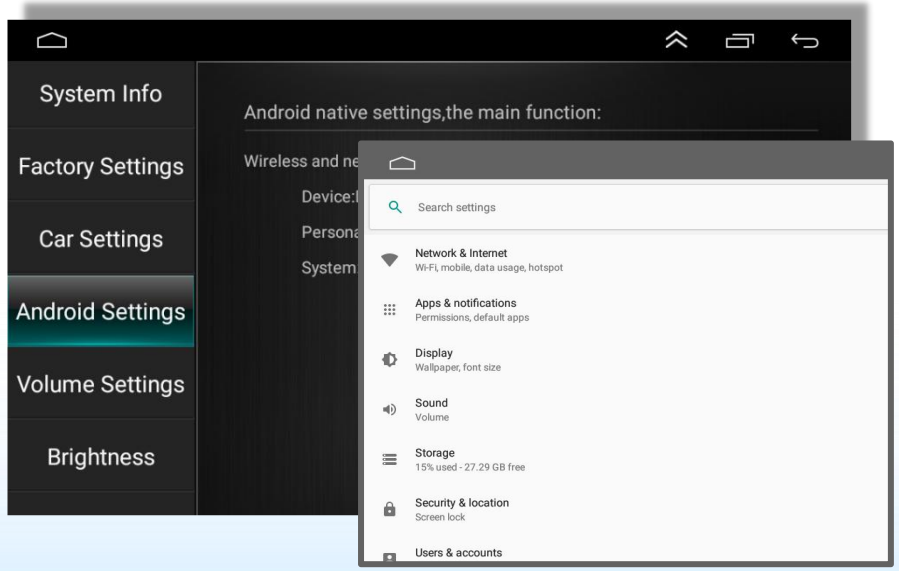
5) Android settings:

① Wireless and network: WLAN, SIM card, traffic usage, more options

② Device: display, tone, application, storage device and USB, memory

③ Personal: location information, safety, account, language and inputting method, reset

④ System: date and time, barrier-free, about the car platform



6) Volume settings:

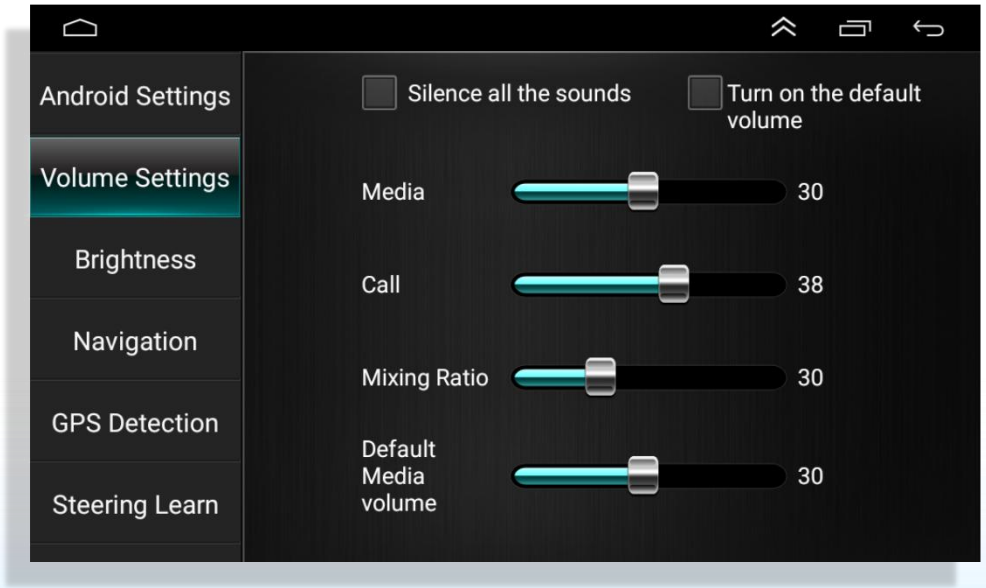
You can choose whether to use the default media volume or mute

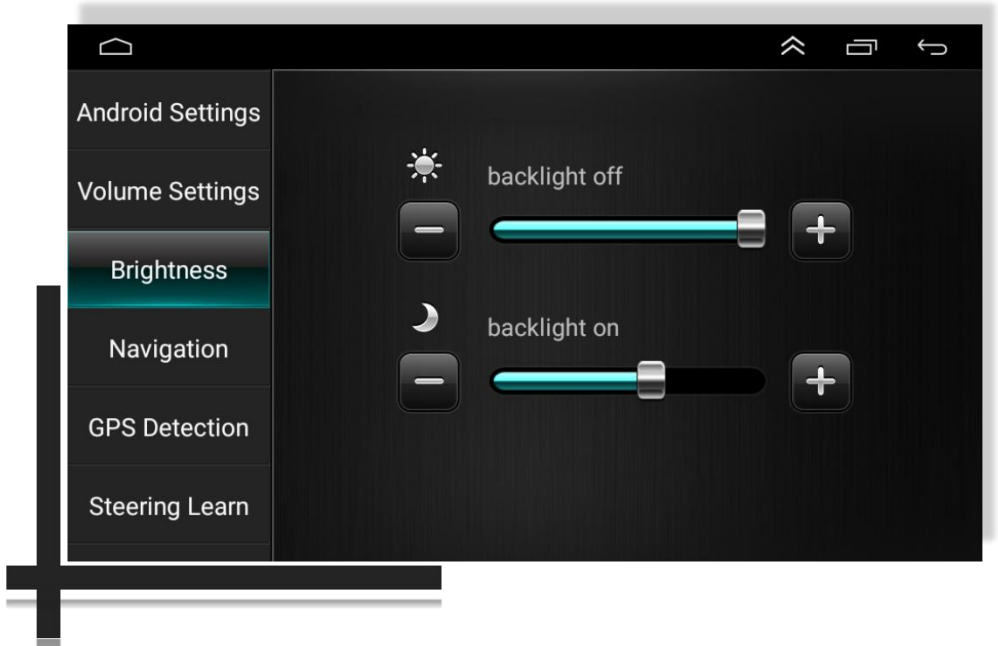
① Set the media volume

② Set the call volume

③ Set the mixing ratio

④ Set the default media volume





7) Brightness settings:

① Set the backlight level when the lights are off/on

(Note: Click " ✚ , ▬ " to complete the adjustment)

8) Navigation settings:

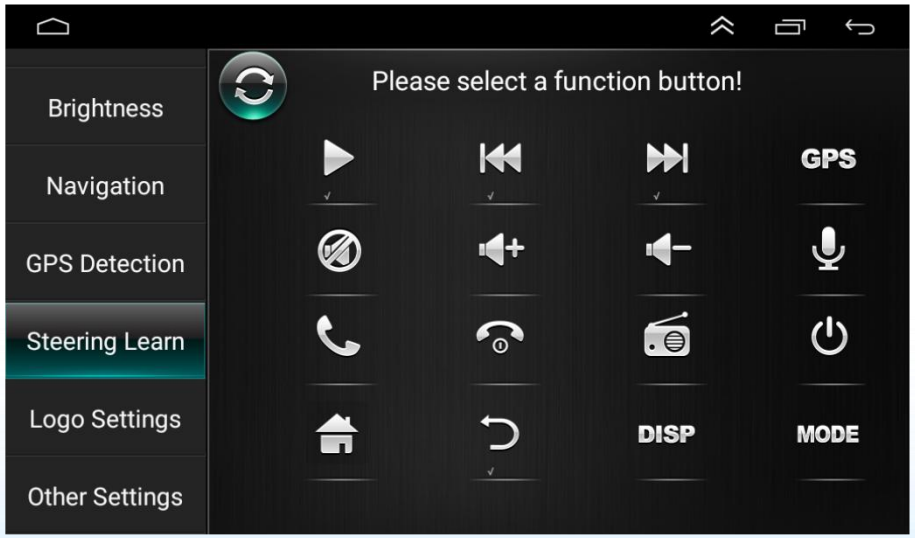
① Select the navigation application

② Settings: Start when booting/always ask

9) GPS detection:

① View the relevant information of the GPS, click to restart the GPS

10) Steering wheel learning:



*Learning steps:

① Click the function button you want to learn on the device ("Please select a function button" will be prompted on the screen)

② Press and hold the corresponding button on the steering wheel (The operation times out and needs to be relearned)

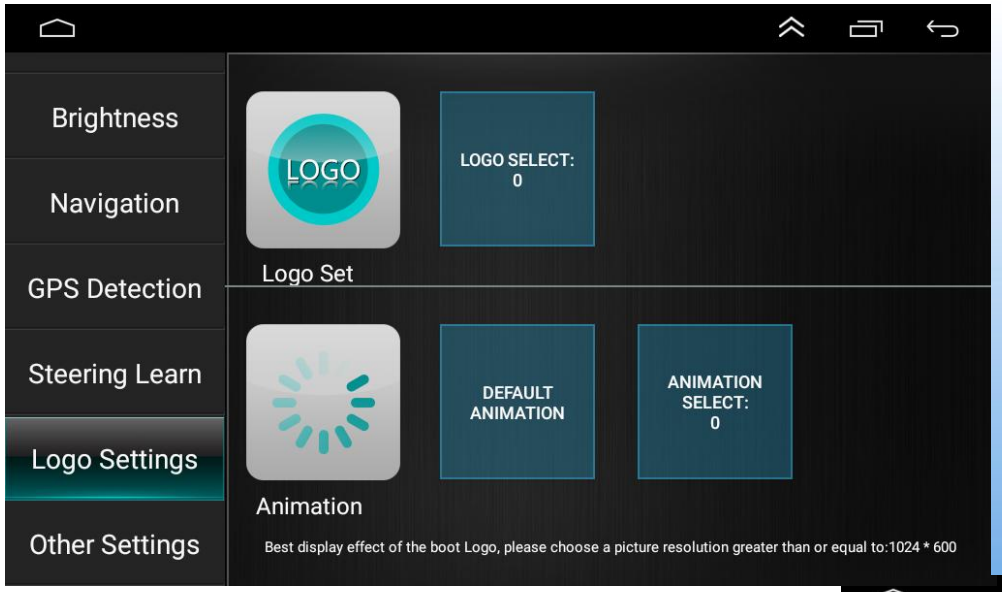
Repeat steps 1-2 until the required buttons on the steering wheel are fully learned.

Note: Clicking will clear the learning

Conditions for realization:

1) Suitable for the steering wheel of the original car with non-bus control mode.

2) The steering wheel buttons of the original car must controlled by voltage input method.



11) Logo settings:

① Logo settings: Select the logo file to set

② Animation settings: Select the animation file to set

* This interface will prompt the IVI System for the appropriate resolution

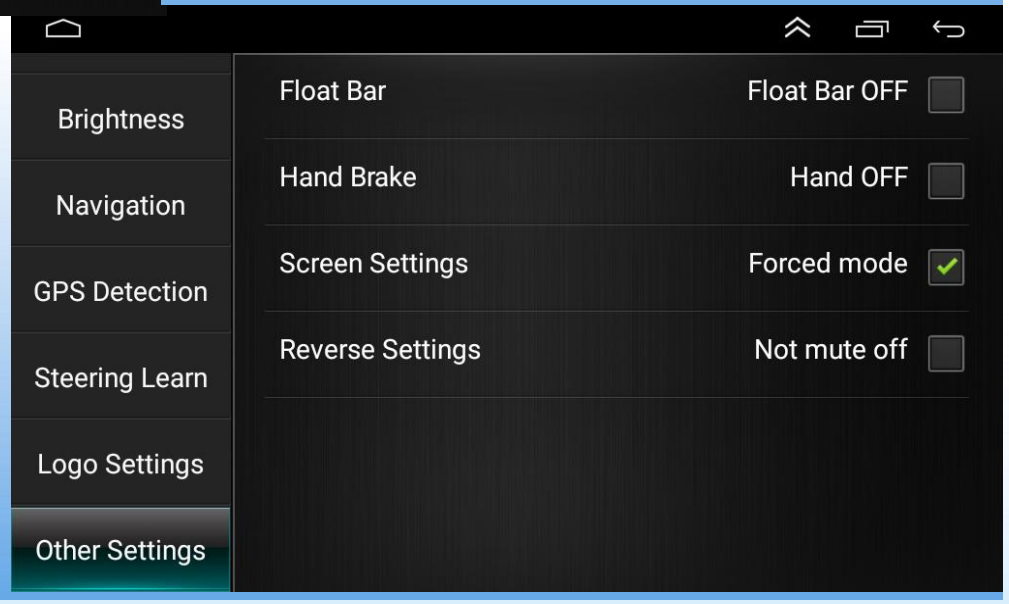
12) Other settings:

① Float Bar on/off

② Hand Brake on/off

③ Forced mode on/off

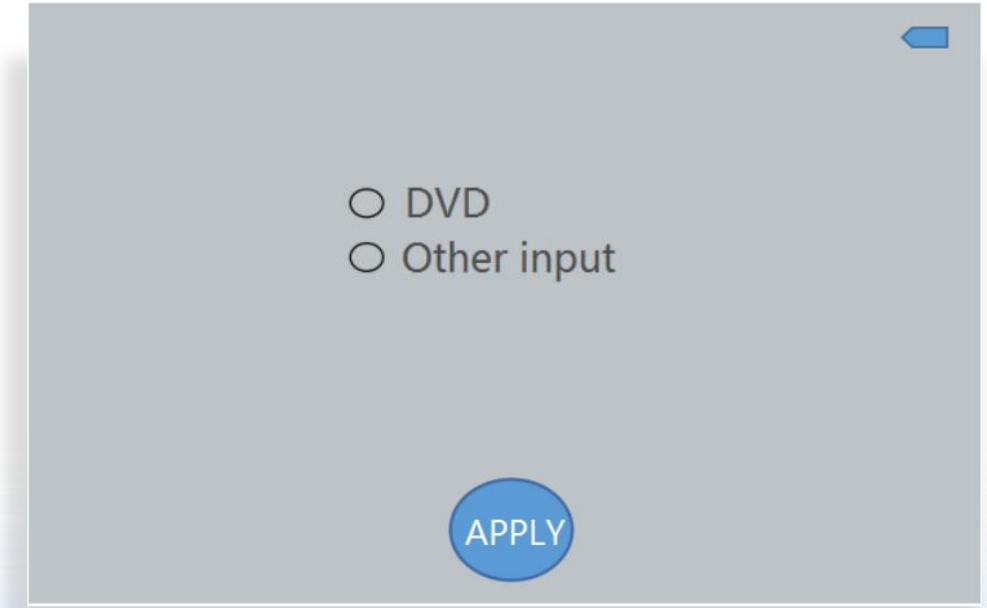
④ Reverse: Not mute on/off



X. AUX

Click "AUX" to enter the app

1. Page content:



2. App introduction:

1) Click in the lower right corner to enter

2) Click to return to the previous operation

3) After accessing the signal, the IVI System displays the video screen

XI. File Manager

Click "File Manager" to enter the app

1. Page content:

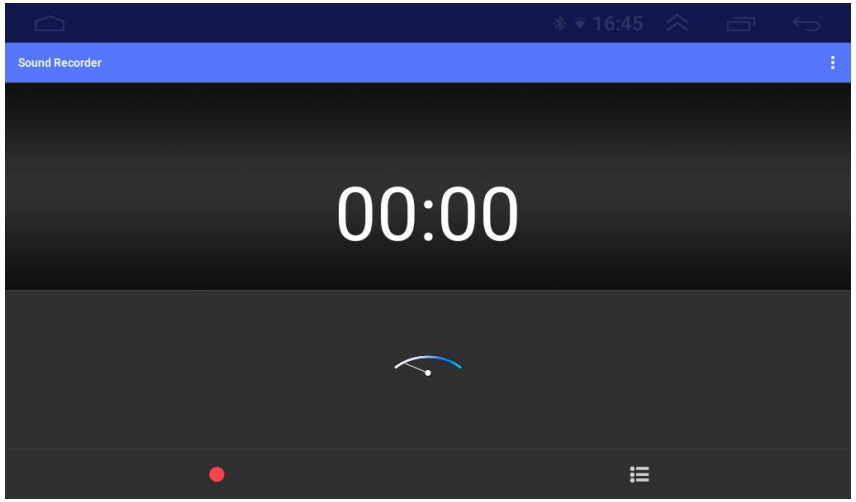
2. App introduction:

- A powerful and easy-to-operate resource management software.Categorize and manage music, videos, picture libraries, applications, documents, etc.
- Efficiently find target resources, install applications, copy, delete, create, view information, cut and other functions of files are readily available.
- Real-time memory reminder to avoid lowering user experience caused by system lag. At the same time, it also supports the operation of external devices such as U disk and SD card.

XII. Sound Recorder

Click "Sound Recorder" to enter the app

1. App introduction:



1) Click ⋮ to select the sound quality

2) Click ●/❚❚ to start/pause recording

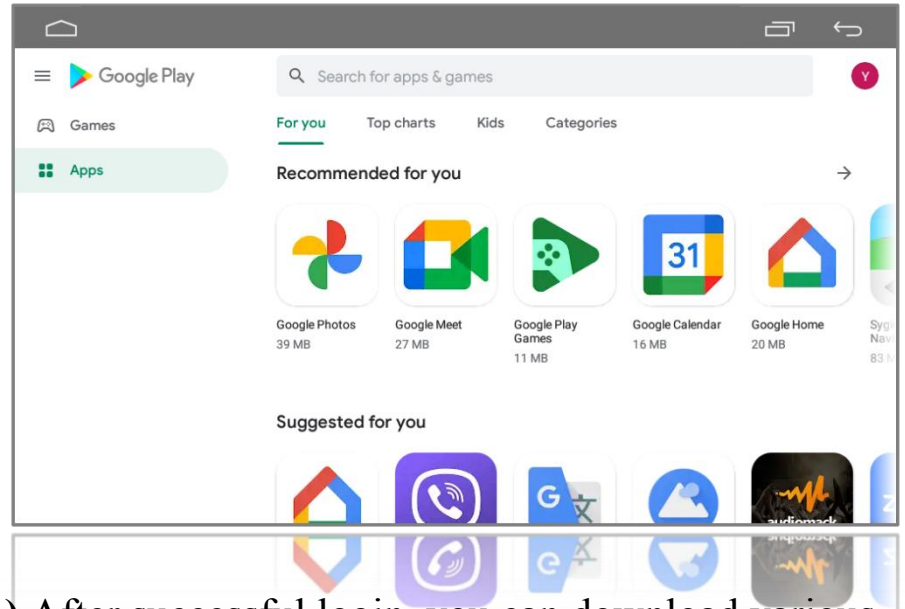
3) After recording, click ■ to choose to abandon/save

4) Click ☰ to select the recording file

XIII. Play Store

Click "Play Store" to enter the app

1. App introduction:



1) After successful login, you can download various popular car infotainment system applications

2) Click ☰ to view more information

XIV. Maps

Click "Maps" to enter the app

1. App preparation:

• Help you get to your destination efficiently, find important businesses, download offline maps, etc.

1) App installation:

• Online installation:

Click **[App Store]** --- Search for navigation name --- Click to download

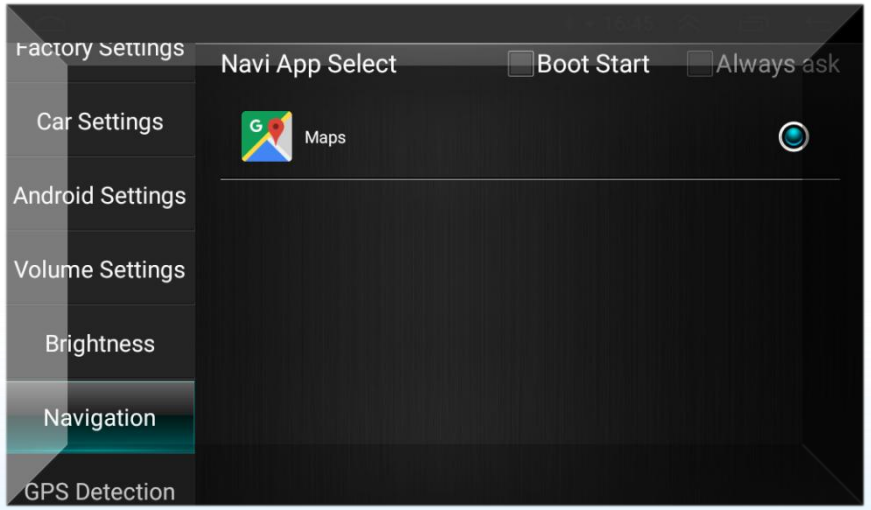
• Offline installation:

Connect the U disk, SD card, etc. with navigation files to the USB port of the IVI System --- Open **[File Manager]** --- Find the corresponding software and click install

2) Navigation settings:

Open **[Car Settings]** --- **[Navigation]** --- Select the navigation you want to use

(Choose to start when booting/always ask)



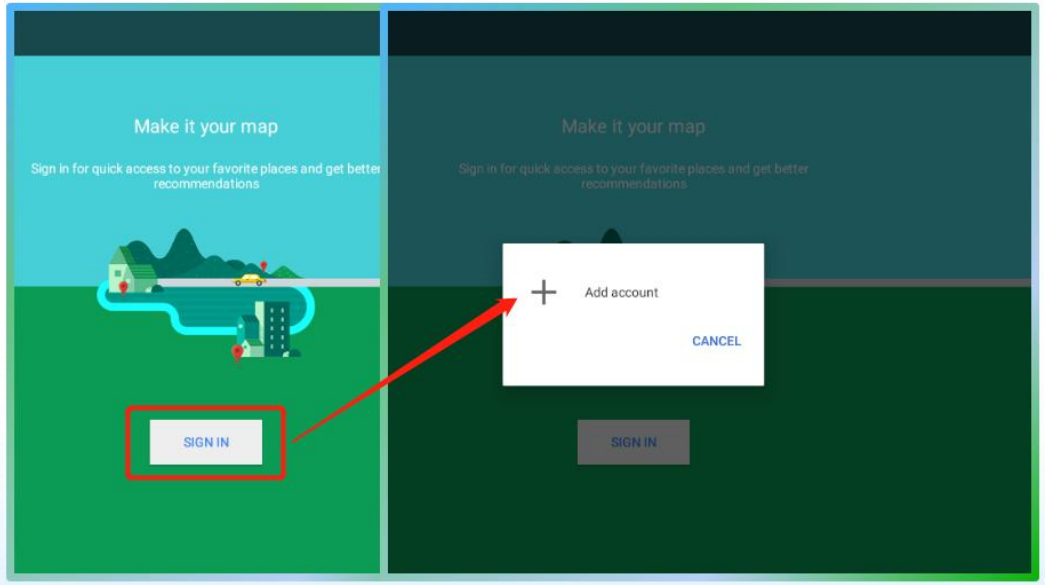
2. App introduction:

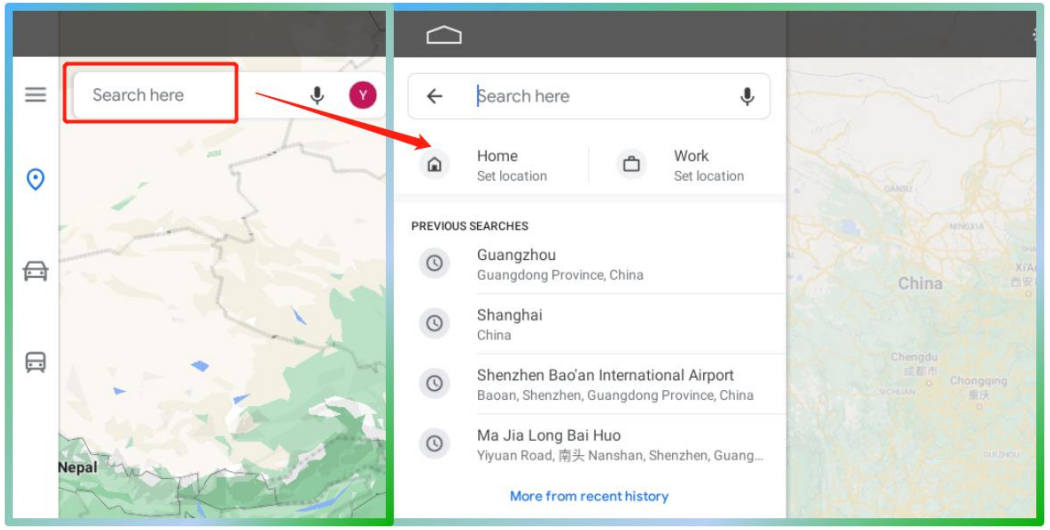
1) You need to add an account when you log in for the first time

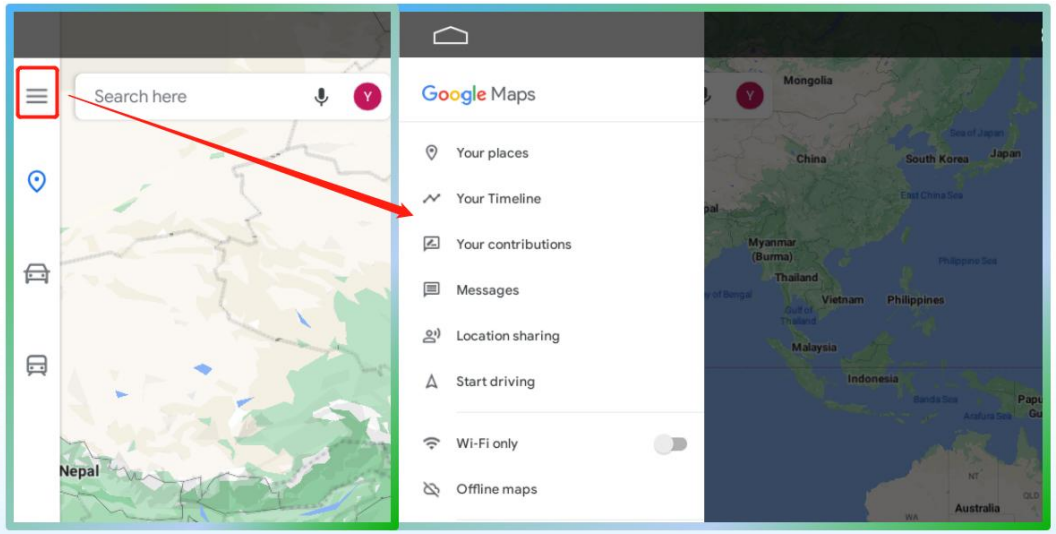
- Click **[SIGN IN]** --- enter account information

(If you don't have an account, you need to register one)

2) Click on the content in the red box to enter the corresponding interface







XV. Chrome

Click "Chrome" to enter the app

1. App introduction:

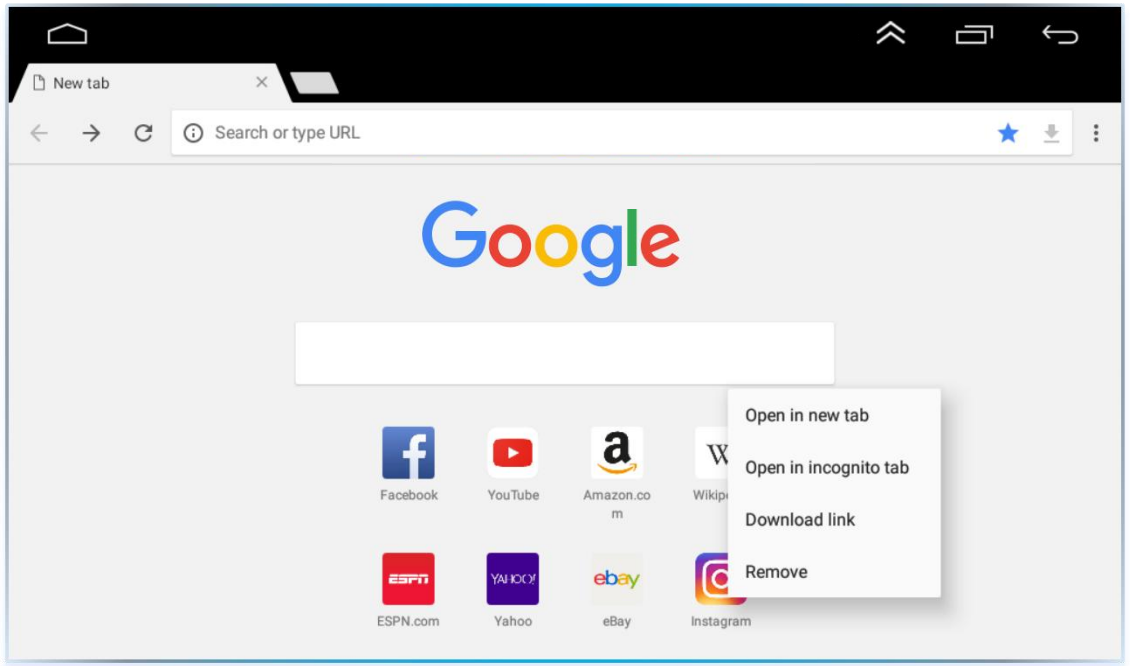
1) Click to return to the main page, click to step back

2) Click **[Search or type URL]**, after entering the web address, click **[ ]** to enter the webpage

3) Click to add a new tab

4) Click ☆ to bookmark the page

5) Click ⋮ to view more information



6) Long press the webpage on the page to select the opening method

FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

RF 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 20cm between the radiator and your body.