

Introduction

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1.1 Introduction

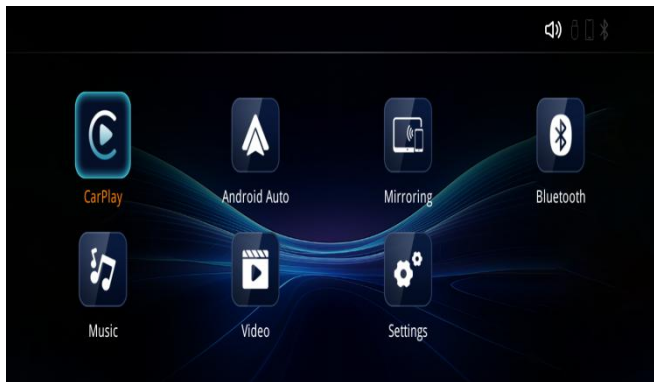
Thank you for choosing this intelligent vehicle information system. It is a comprehensive navigation and entertainment system that is convenient for users to use, also known as the car infotainment system. Car owners can use their cars to connect their phones for navigation and voice recognition; When parking, you can plug in a USB to listen to music or watch videos; Or when driving, directly connect to your phone and use the mobile app navigation; No longer need to make phone calls with your phone, safe and convenient. The images in this manual are for reference only and are intended as functional instructions. Please refer to the actual onboard system for details. If the manual content does not match the actual product due to functional upgrades or other reasons, no further notice will be given.








1.2 Safety precautions

Thank you for choosing this intelligent vehicle information system, which is a comprehensive navigation and entertainment system mounted on a car. Drivers are not allowed to operate the machine during driving to avoid affecting safe driving and violating traffic regulations. This machine is an electronic product, please follow the safety precautions of ordinary electronic machines. This machine is powered by a 12V-24V5A onboard power supply. Please do not install the machine on a power supply that does not meet the standards to avoid damaging the machine. Please do not disassemble or assemble without authorization. Professional maintenance personnel should be responsible for this. Please do not modify system software or upgrade without authorization. Do not use sharp or hard materials to come into contact with the surface of the host. Do not use in extreme environments, normal operating temperature is -40 to 70. Do not pour liquids or chemicals (such as water) onto this machine. Our company does not assume any responsibility for the loss or damage of personal information caused by user's incorrect operation, product maintenance, replacement, or other unexpected situations, nor is it responsible for any other indirect losses caused by this. Our company has the ownership and final interpretation rights of relevant materials such as functional manuals, warranty certificates, and warranty cards.

2 System Composition

The following is the main page displayed by the In car system
System main Interface Home page.



Ico	Function	Description
	CarPlay:	Supports wired and wireless connections
	Android Auto:	Supports wired and wireless connections
	Mirroring:	Supports wired and wireless connections for Apple and Android phones
	Bluetooth:	iPhone & Android phone Bluetooth connection
	Music:	Plays local USB music, supports FAT32 USB format
	Video:	Play local USB drive video, supporting FAT32 USB drive format
	Settings:	System entry points for various functions

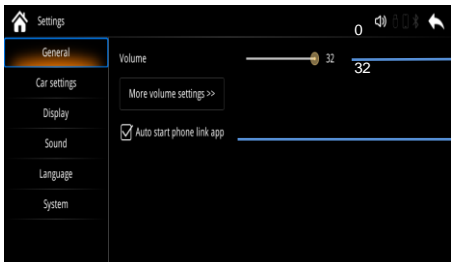
3.1 System Settings

Regarding system settings, display the main interface settings of the onboard system. The main interface has a **Settings** button, which can be directly clicked to enter the settings main interface. As shown in the following figure: various pages of the system



3.2 General Settings

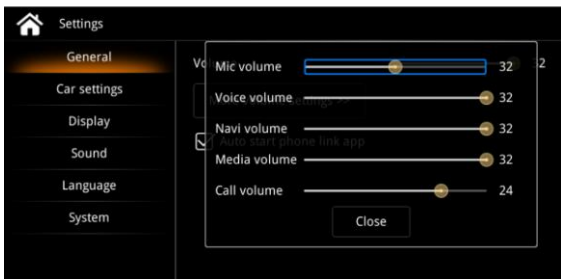
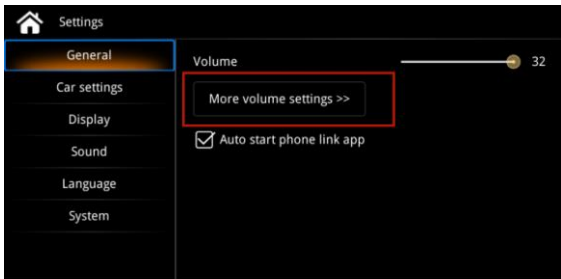
Adjusting volume



Control volume

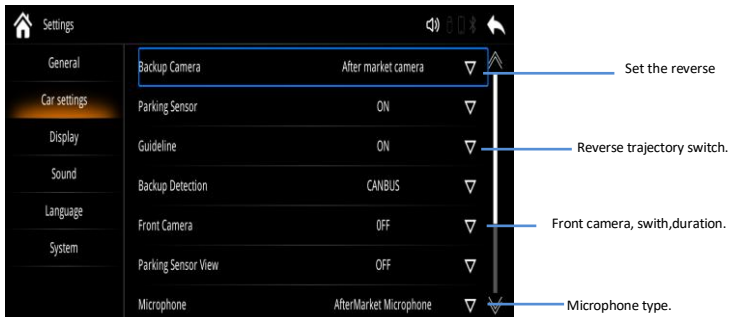
After checking, set to: Select whether to automatically enter mobile Internet mode after entering the system.

Click >More Volume Settings>> to adjust the volume of common audio.



3.3 Original car settings

Original vehicle settings - Set the reversing image type, reversing track switch, front view camera switch, duration, and microphone type.



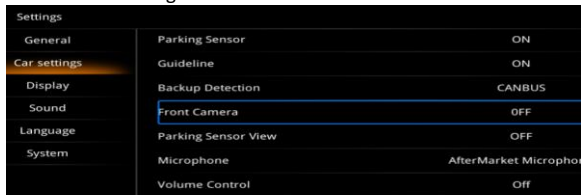
3.3.1 Set the reverse image type

Reversing image settings > Original car camera > Rear-mounted camera > Original car panoramic image.



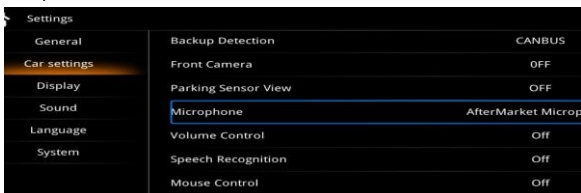
3.3.2 Set the front view switch and duration

Front Camera Settings > Duration can be set to 5 or 10 seconds.



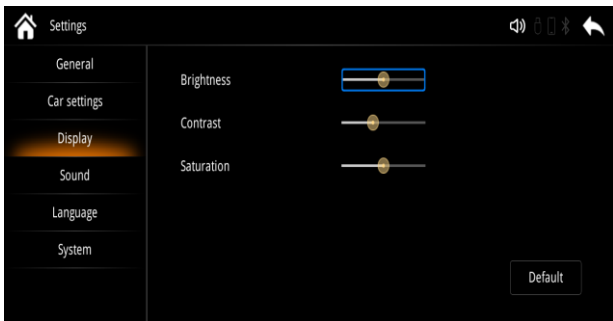
3.3.3 Set microphone type

The microphone can be set as a rear-mounted microphone or an original microphone.



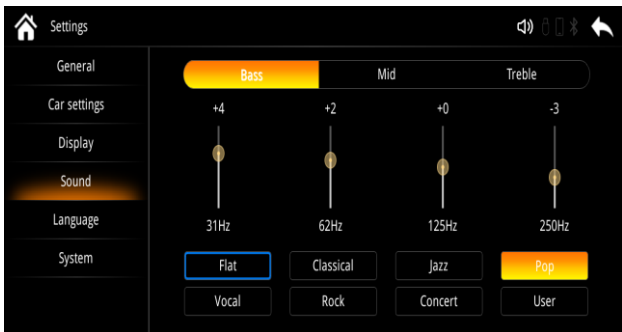
3.4 Display Settings

You can adjust the brightness, contrast, and saturation according to your preferences.



3.5 Sound effect setting

You can adjust the sound effects according to your preferences.



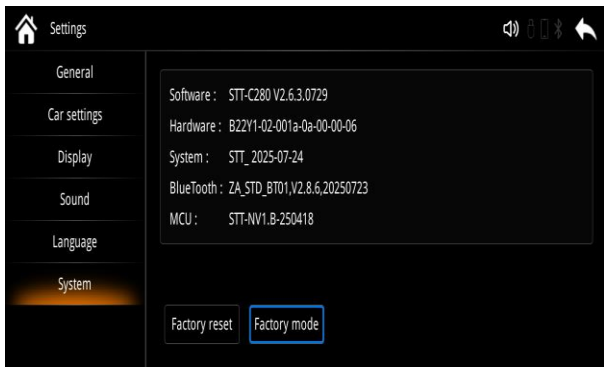
3.6 Language settings

Language-Set system language,supporting multiple language choices.



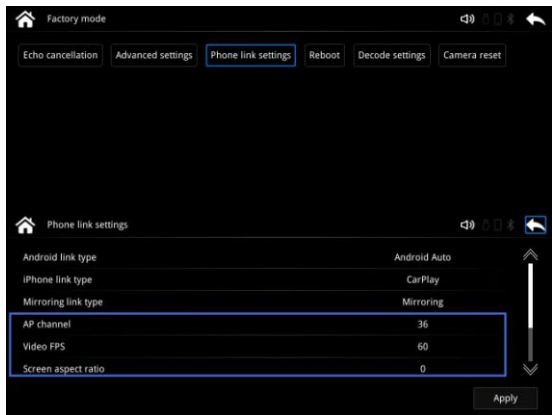
3.7 System settings

System-can view system version information and enter system factory mode on this page.

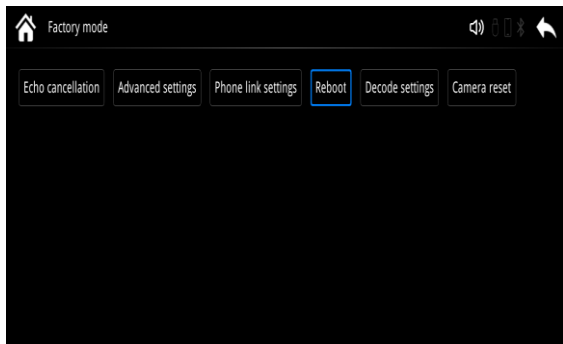


3.7.1 Phone link settings

You can adjust the hotspot frequency band > video frame rate > screen ratio.



After changing the settings, return to the Factory Mode> page and click "Reboot" to take effect.



4 Parameter

Supported voltage:9-16V,14.4V(rated)	Storage temperature:-30 to+85 degrees Celsius
Working temperature:-30 to+75 degrees Celsius	Environmental temperature:98%(245 degrees Celsius),65%(rated)
Pixel:1024*600 high-definition pixels	Wireless transmitter 5G
Power current:1A(rated),3A(Max)	Power outage current:300mA(Clock is on)
Static current:less than 3mA	
Charging voltage:less than 1.5A.When the USB charging current is greater than 3A,the host should activate the electrical protection mechanism to control the current within 1.5A and avoid burning the product	

5 Aux Connection

5.1 Connect the original vehicle AUX

If the original car has AUX, select AUX on the original car media interface.



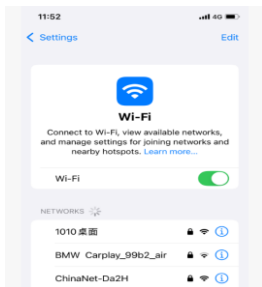
Select AUX Audio.

6 Carplay-Instructions for Use

Click the "Bluetooth" option on the system home page to enter the Bluetooth connection interface. Search for this device on the mobile phone Bluetooth page and connect.



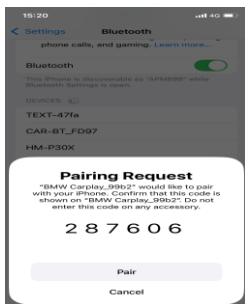
1. Turn on your phone's WiFi and keep it on.



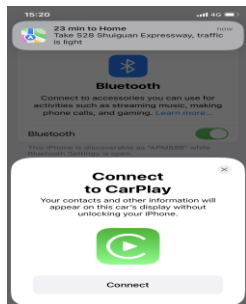
2. Open the Bluetooth page of your phone and search for the connected device via Bluetooth.



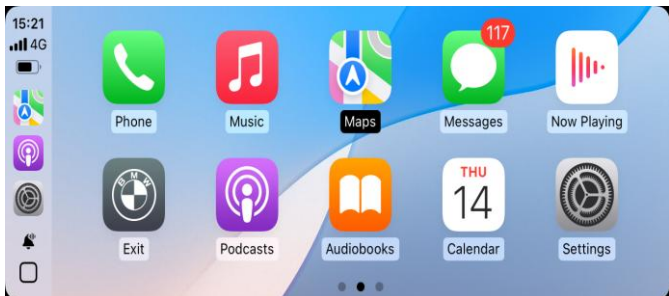
3. Allow devices to pair.



4. Enable CarPlay and click Connect.



5 After a successful CarPlay connection, you can enjoy wireless CarPlay and the system also supports wired connection. Simply connect the USB ports of your phone and device with a data cable, without the need for the above operation.

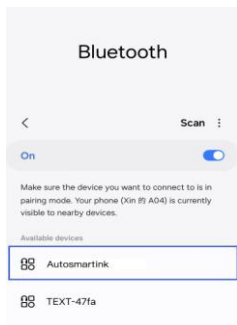


7.Android Auto Connection Method

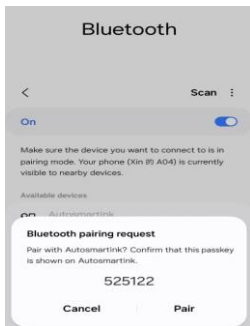
Click the "Bluetooth" option on the system home page to enter the Bluetooth connection interface. Search for this device on the mobile phone Bluetooth page and connect.



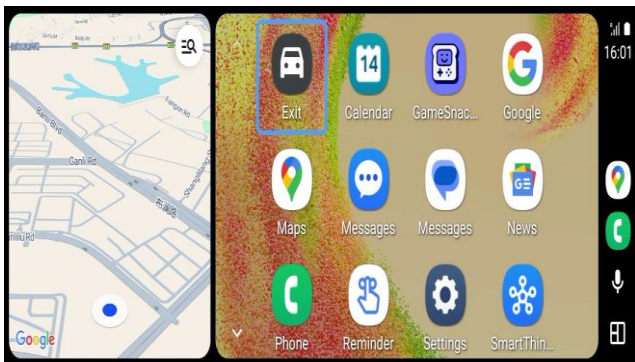
1. Open the Bluetooth interface of your phone and search for connected devices via Bluetooth.



2. Click Confirm Pairing.

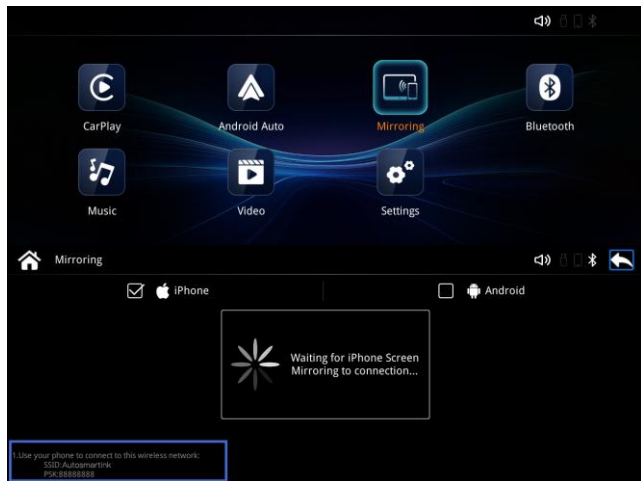


3. After a successful Bluetooth connection, it will automatically connect to Android Auto, and wired connection is plug and play, without the need for the above operation



8.Mirroring-Instructions for use

Click the Mirroring icon on the main system interface to enter the Mirroring connection interface.



1. Enter the mobile phone WIFI page, search for the device and enter the password to connect.

2. Open the shortcut menu on your phone and turn on screen mirroring.



Connection successful! The image on your phone can be synchronized to the car screen in real time.

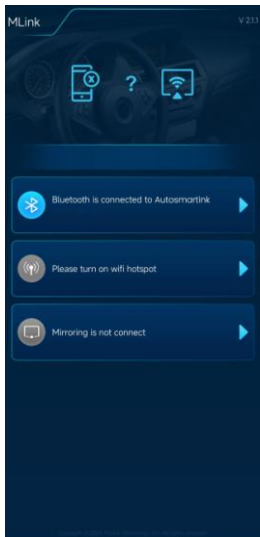


8.2 Android phone connection method

Click the "Mirroring" icon on the main system interface to enter the Mirroring connection interface.



Note: To use the Android wireless screen projection function, you need to download the "MLink" software and contact JoyeAuto after-sales technical staff to obtain the "Android Wireless APK Software".



1. Turn on your phone's Bluetooth, search and connect to your device's Bluetooth, and confirm pairing.
2. Enter the phone settings function, find "Personal Hotspot", set the name and password of "Personal Hotspot" to be the same as the name and password prompted on the "Mirroring" interface.
3. Return to the main interface of the phone and open 'MLink' to use wireless screen projection. Wired connection is plug and play, no above operations are required.

9.Common problem solving

1、 Whyis CarPlay silent?

1:CarPlay uses the original AUX audio,so you need to select AUX on the original car's media interface to have it available Sound.Some car models,such as Mercedes Benz NTG4.0 NTG4.5 system models,have two types of AUX:AUDIO AUXand Video AUX.It is necessary to ensure that the AUDIO AUX remains open in the original engineering mode to make any sound.

2:Mobile phones cannot connect to vehicle Bluetooth or other external devices,otherwise it will occupy Carplay audio and cause No sound

3:Some vehicles have fiber optic multimedia hosts,which are all audio sources for the vehicle.Main Line of Original Car Media The fiber optic cable above needs to be unplugged and inserted into our 48PIN power cord fiber optic port,and then into the multimedia host.

2、 Why does the original factory rearview camera go black when shifting to reverse gear after Installing the Carplay module

Because the car module has a rear view interface function,the black screen enters the car reverse screen.The original factory rearview camera needs to enter the in car system settings interface,find camera settings,rearview camera settings,and select the original camera;If it is a rear view camera and connected to a module,please select the rear camera in the rear camera settings.Please also checkif the camera circuit is powered on If itis a manual transmission car,a 12Vline needs to beconnected to the module back line at the rear reverse light.

3、 After Installation,switch the Carplay Interface to black screen,Incomplete display,and flashing screen

This is because the side dial of the module is incorrect, and different screen sizes have different dial switches. Please adjust the corresponding screen dial according to the dial table on the front of the module.

4、 Why cannot I listen to the original car radio when using Carplay/Android Auto

Because the sound of Carplay uses the original car AUX audio and is not the same audio as the radio, it cannot be used simultaneously. For example, you cannot listen to the radio while playing Bluetooth music. If you want to listen to the radio while using the Carplay function, we suggest downloading the Radio app on your phone and then using it on the Carplay/Android auto interface.

5、 Why can't my phone connect and keep scrolling through the connection interface?

1: Apple phone: requires the phone to automatically recognize the Carplay wireless network. If the phone turns off WIFI on the shortcut interface, it will prompt "Unable to automatically recognize the wireless network before tomorrow", resulting in inability to connect. So please do not turn off WIFI in the mobile shortcut interface unless it is necessary. To turn off, please turn off WIFI in the phone settings.

If there is a connection issue, please keep your phone's WIFI and Bluetooth on and restart your phone once. Alternatively, you can restore the network settings on your phone.

10.About Network Usage

The network and traffic used by the car system come from the mobile phone. When connecting the car system to wireless CarPlay, the first time it is necessary to manually connect the car Bluetooth to the phone Bluetooth and keep the phone Bluetooth on. After a successful CarPlay connection, the Bluetooth connection between the phone and the system will automatically disconnect, and then enter the WIFI authentication channel. The in car system will actively identify dedicated hotspots and transmit pop-up windows to the in car display screen. To install an iPhone wired connection, simply plug in your phone's data cable to complete the connection.

11.About driving

Drivers should not operate the machine during driving to avoid affecting safe driving and causing traffic accidents. Safety first, smart entertainment second, please strictly abide by national traffic regulations!

12.Postscript

At this point, you have gained a comprehensive and easy-to-use understanding of in car system software. You can now operate the car infotainment system and experience the convenience it brings to your driving life, enjoying the infinite fun brought by high-tech! Wishing you a smooth and safe journey! Due to continuous software upgrades, screenshots of this manual may differ from the version you are actually using, without prior notice