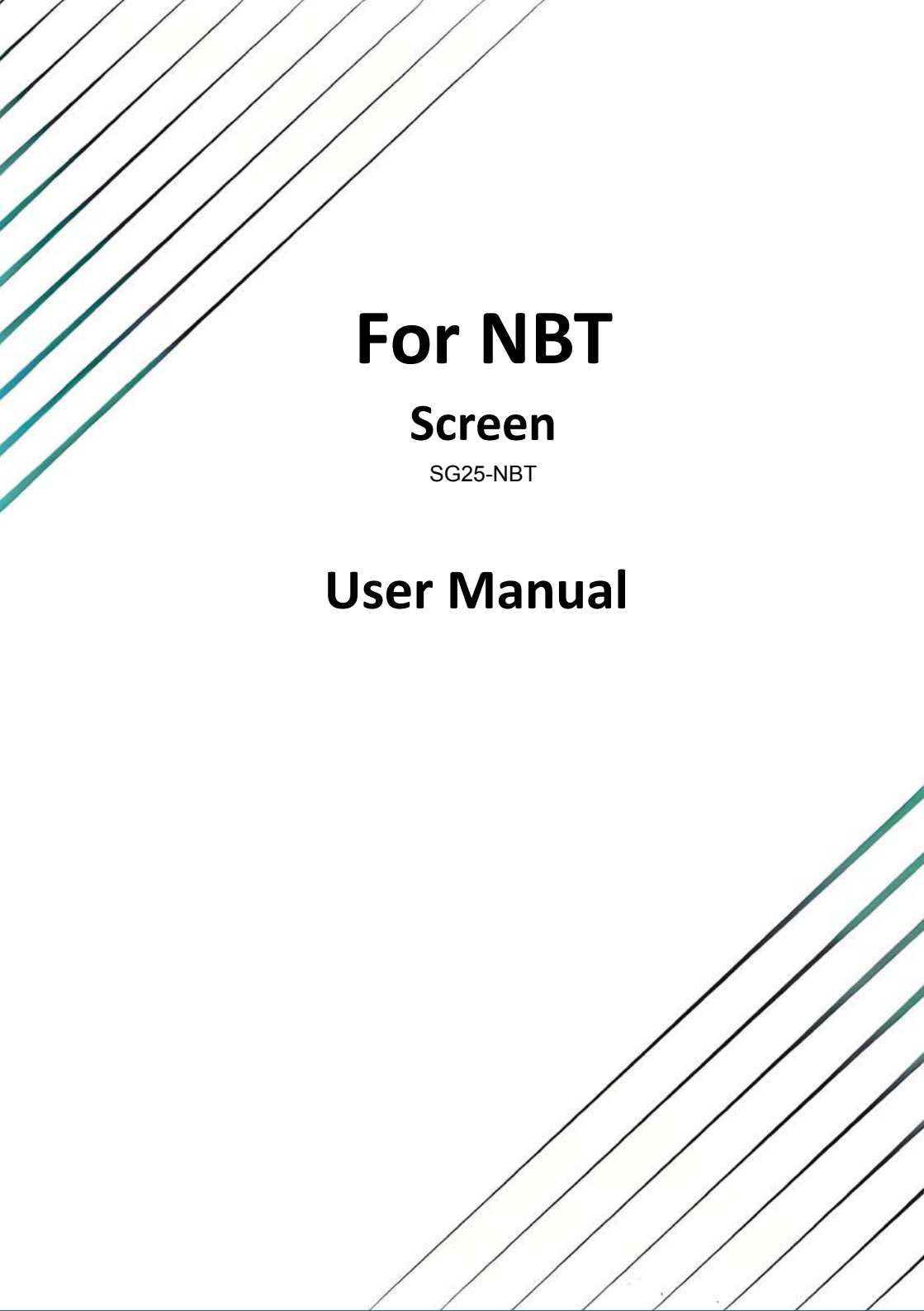


The cover features decorative diagonal lines in the top-left and bottom-right corners. These lines are composed of multiple parallel lines in varying shades of green and black, creating a modern, geometric aesthetic.

For NBT

Screen

SG25-NBT

User Manual

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1. Product photos and supported features

1.1 Product Photos

 10.25/12.3 inch screen		
 The rear covers of different car models are different		Other unconventional cables only have corresponding cables when corresponding accessories are ordered.

1.2 Supported Features

- a、 Supports wireless/wired Apple CarPlay functionality
- b、 Supports wireless/wired Android AUTO function
- c、 Support Airplay Apple wireless screen mirroring
- d、 Support Autolink Android wired screen mirroring
- e、 Support playing music and videos on USB flash drive
- f、 Supports HD video input display (720p) (**Optional function , Not a standard feature, only Screen with HD interface support this function**)
- g、 Support electronic rearview mirror function (**Optional purchase of corresponding accessories is required to support**)
- h、 Support video boxes (YouTube, Netflix, Spotify, TuneIn) (**Optional purchase of corresponding accessories is required to support**)
- i、 Support lossless EQ and loudness adjustment
- j、 Support original car reversing camera
- k、 Support installation of reverse camera (AHD 720p supported)
- l、 Support original car microphone&support installation of microphone
- m、 Support online software upgrade and USB flash drive software upgrade
- n、 Support Main interface background photo and Carplay return icon

2. Product installation video QR code

2.1 CarPlay Screen installation video, please scan the code to watch.



2.2 Please scan the code to watch the installation video of the electronic rearview mirror product.

(Optional purchase of corresponding accessories is required to support)



(installation video)



(Functional Operations)



(Features)

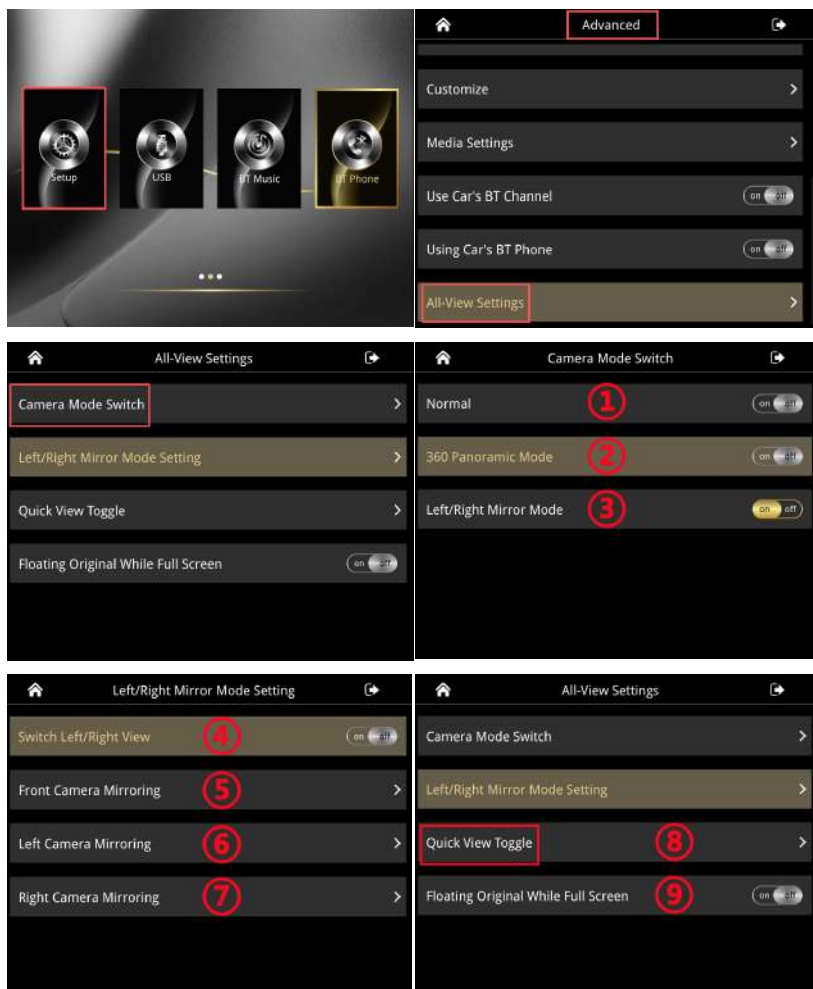
**Electronic rearview
mirror accessories
products**



Not a standard product,
requires additional purchase

Instructions for electronic rearview mirror settings

Setup-->Advanced-->All-View Settings





- ①: Normal mode, does not support electronic rearview mirror function
- ②: If the original car comes with 360, when this option is turned on, turning on the turn signal will enter the 360 screen.
- ③: After this option is turned on, turning on the turn signal will enter the left and right view screen.
- ④: This option defaults to OFF, and when turned on, the left and right view screens are swapped.
- ⑤: The front camera flips horizontally and vertically.
- ⑥: Flip the left camera horizontally and vertically.
- ⑦: Flip the right camera horizontally and vertically.
- ⑧: Front, rear, left, and right camera icon switches
- ⑨: This option defaults to OFF. When the serial number ⑨ is ON, clicking on the original car icon in the image above can display the

original car interface when the Apple Carplay/Android AUTO is full screen.

2.3 Video Box Product Installation Video, And using videos, please scan the code to watch. (Optional purchase of corresponding accessories is required to support)

Video box
accessory
products



Not a standard product,
requires additional purchase



Video box installation video



1

The video box function uses videos



2

3. Wiring diagram

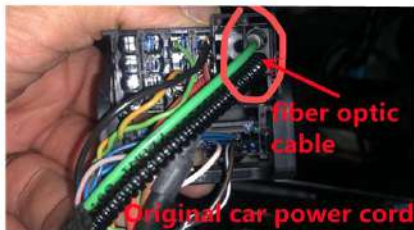
Wiring diagram, use the connection method (**Refer to the wiring diagram**).



Installation precautions;

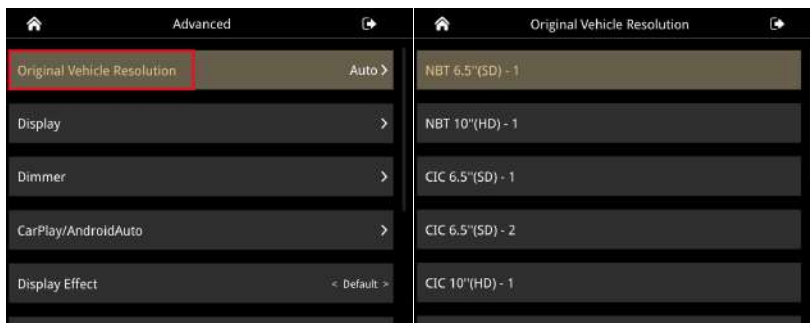
- (1) Please turn off the car first before connecting the wires;
Please do not connect live wires when starting the car!
- (2) Please read the wiring diagram carefully. If the paper manual is not clear enough, please scan the QR code to obtain the electronic manual.
- (3) WiFi antennas are not allowed to be close to metal and iron shells are not allowed to be attached.

3.1 Note that if the original vehicle has fiber optic cables, they must be switched



4. Set different options based on the original car screen size **(Very important!)**

If there is a white line problem at the bottom of the original car interface, please set "AUTO".



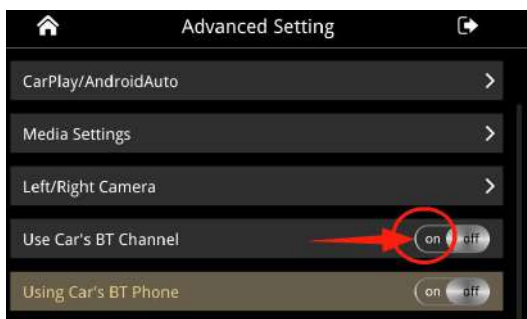
5. Carplay Screen sound settings

5.1 Method 1: Select AUX for the original vehicle



5.2 Method 2: Select Bluetooth audio for the original car

5.2.1 Go to Screen settings and open BT Channel



5.2.2 Select Bluetooth for the original car audio and connect the phone Bluetooth to the original car Bluetooth



6. Support screen touch operation and knob control.



Original car interface touch video.

6.1 Switch to the Screen system interface

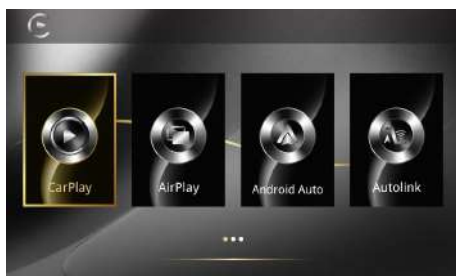
Long press the MENU key for 3 seconds to switch the system interface



Steering wheel button function

Carplay screen interface

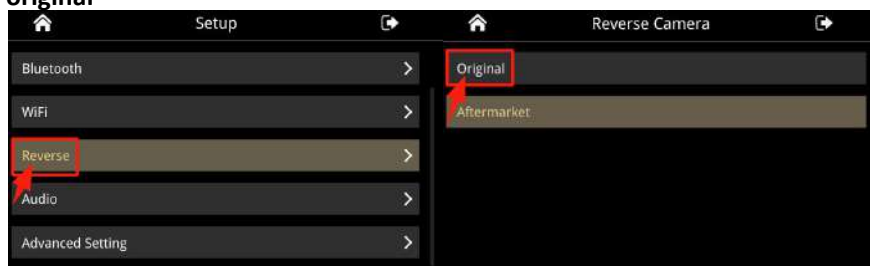
Non original factory reverse and front view



7. Reverse and front view

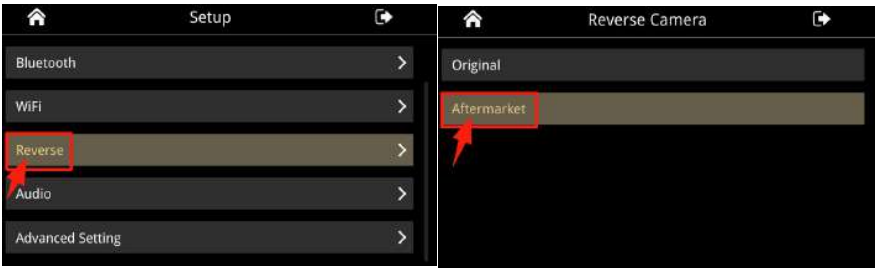
7.1 Original car reversing camera

Enter the settings, select the reverse camera option, and choose the original



7.2 Installing a reverse camera (for automatic transmission vehicles)

Enter the settings, select the reverse camera option, and choose Aftermarket



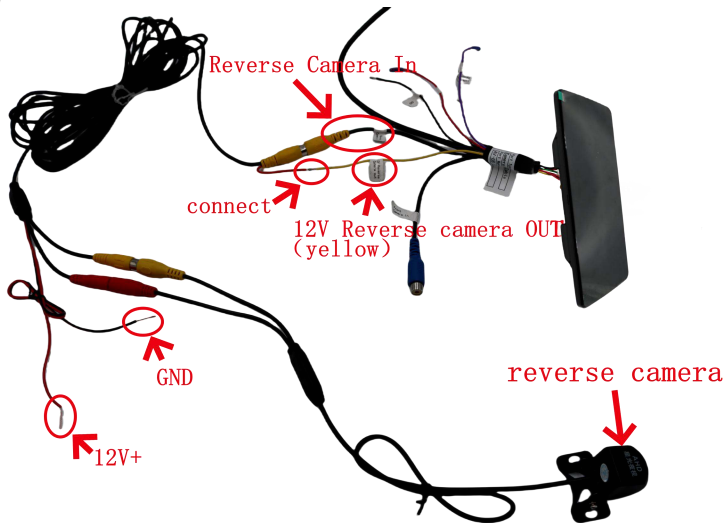
①



②



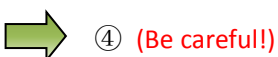
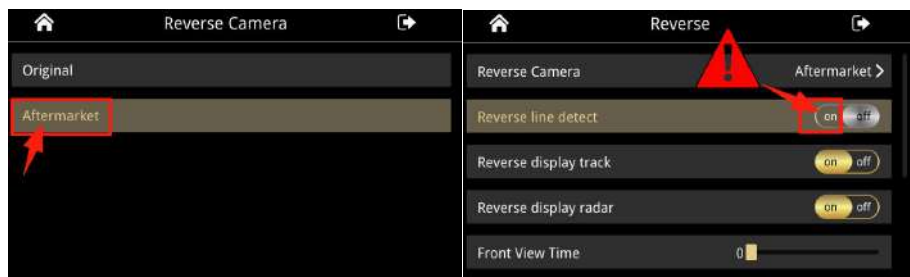
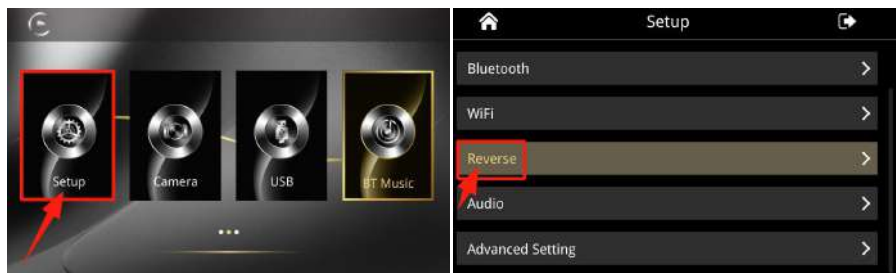
Wiring diagram for installing reverse camera (automatic transmission car)



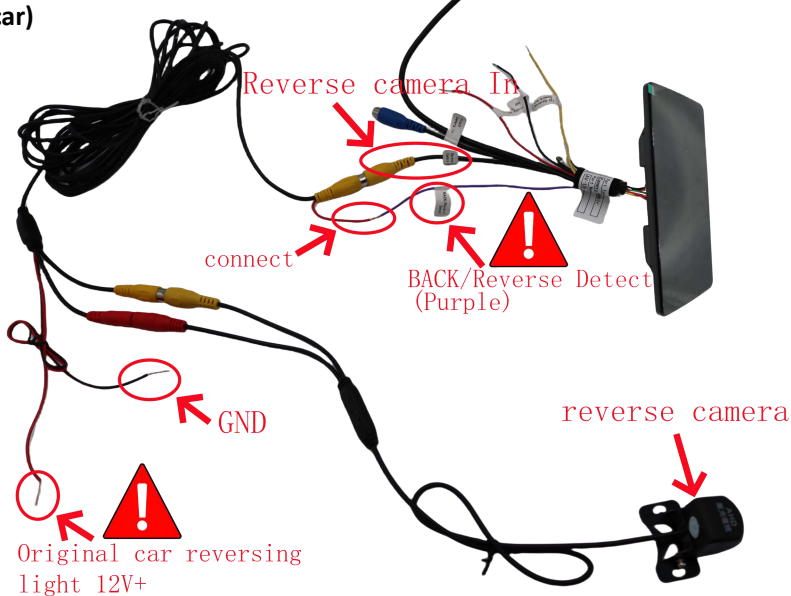
7.3 Installing a reverse camera (for manual transmission vehicles)

Enter the settings, select the reverse camera option, choose

Aftermarket, and at the same time, the Reverse line detect option must be turned on.



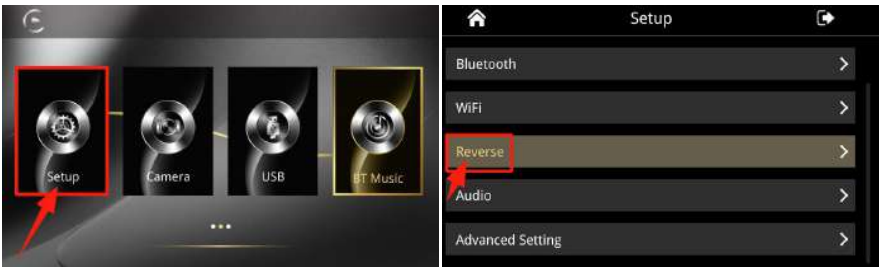
Wiring diagram for installing reverse camera (manual transmission car)



7.4 Installing a front facing camera

View the front facing camera

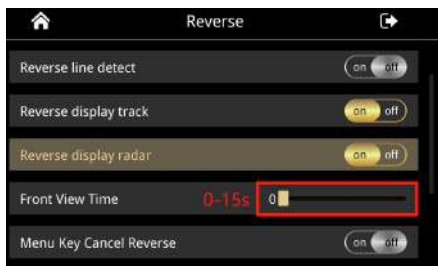
Method 1: Enter the settings, click the Reverse option, set the front view display time to 1-15 seconds. After canceling the R mode, the set front view screen display time will be displayed.



①



②

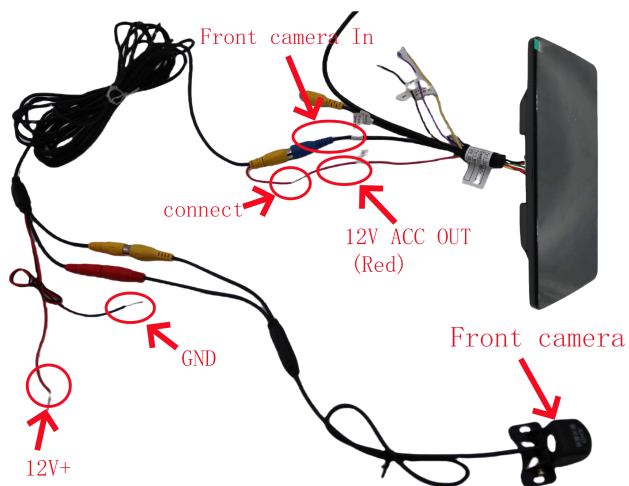


③

Method 2: Click on the front facing camera icon



Wiring diagram for installing a front facing camera



8、Apple CarPlay and Android AUTO connection steps

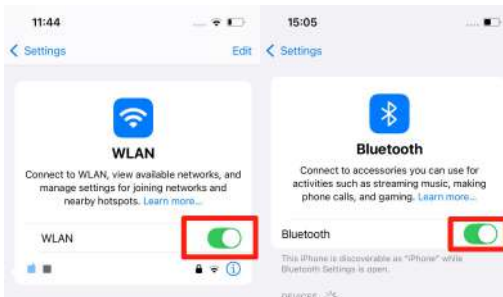
8.1 Please scan the code to watch the wireless Carplay/wireless Android AUTO connection video tutorial



(Wireless Carplay) (Wired Carplay) (Wireless Android AUTO) (Wired Android AUTO)

Wireless Carplay Connection Steps

1. Turn on WiFi on your mobile device
2. Turn on Bluetooth on the mobile phone
3. Click on the "Carplay" icon on the car console, and a dialog box will pop up
4. Enter the Carplay connection interface (display Screen Bluetooth name)
5. The mobile phone automatically searches for the screen Bluetooth device (ylcx_mmiXXXX) and performs a "pairing" connection
6. Select "Allow" on the mobile phone
7. Select "Use Carplay Car" on the mobile app



①

②



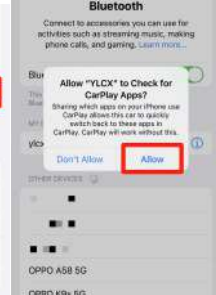
③



④



⑤



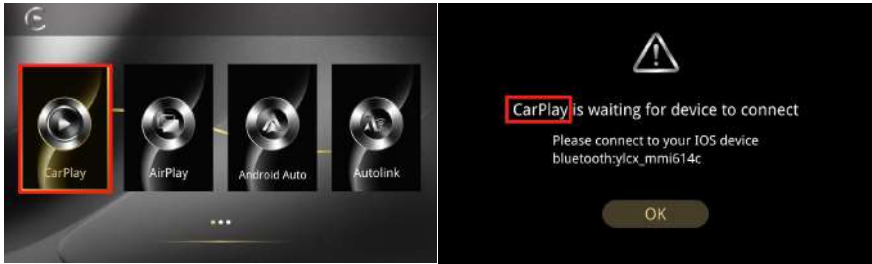
⑥

If wireless CarPlay cannot connect:

1. Click on CarPlay Bluetooth or WiFi on your mobile device to reconnect
2. Clear the Bluetooth devices on both the mobile and car devices, and then pair and connect again (as shown in Figure ①)
3. Restore the mobile network on the phone
4. Check if CarPlay on the mobile app is turned on (Settings - Screen Usage Time - Content and Privacy Access Permissions - Permitted Apps)
5. Have all Siri permissions been turned on
6. If necessary, check whether the two antennas are installed correctly (the antennas should not be close to the metal)

Wired Carplay Connection Steps

1. Check that the top left corner is the Carplay mode icon
2. Select the Carplay icon to enter the Carplay connection interface
3. Insert one end of the Apple data cable into the USB cable on the screen and the other end into the phone charging port
4. Pop up on the mobile phone to allow the use of CarPlay in car, select "Allow", and in the next step, select "Only use USB"



Carplay operation method:

1. To move between Carplay icons, you need to use left and right rotation (knob: left or right rotation; Touch the screen: left or right sliding).
2. The up and down songs on the steering wheel can control the up and down song function in the music app of Carplay
3. Short press the voice button on the steering wheel to wake up Siri voice on Carplay (or long press the confirm button for 5 seconds on any Carplay interface to wake up Siri voice)
4. Short press the phone button on the steering wheel to connect incoming calls

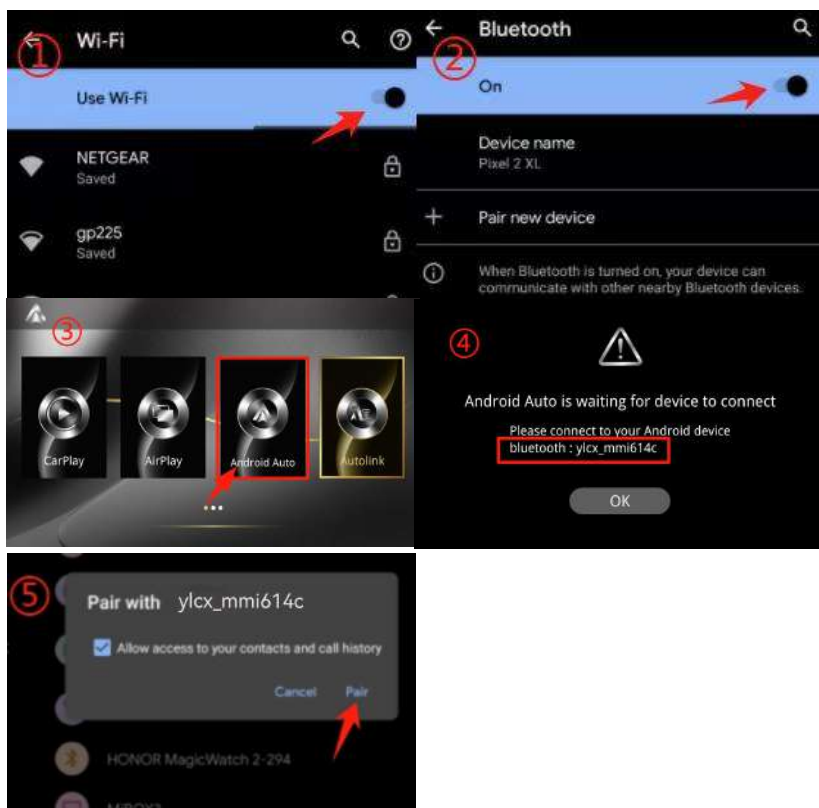
Wireless Android AUTO connection steps

Android Auto is an Android function specially designed for cars launched by Google; before using it, please go to the Google play store, download the Android Auto APP, and install it; after successfully installing the Android Auto APP, open this APP, and you will be prompted to download Install Google play music, Google map, Google search, Google text-to-speech, etc. Currently only Google phones and Samsung's new phones support the wireless Android Auto function

Wireless Android Auto connection steps:

1. Turn on WiFi on the phone
2. Turn on Bluetooth on the mobile phone
3. Click the "Carplay" icon at the car terminal
4. Enter the Carplay connection interface (display the Bluetooth name of the box)

5. Use the Android phone to connect to the box's Bluetooth (ylcx_mmiXXXX)



Wired Android Auto connection steps:

1. Select the Android Auto APP on the car terminal
2. Enter the Android Auto connection interface
3. The decoder and the mobile phone are connected via a USB cable



Introduction to Wireless AirPlay/Wired Autolink Features



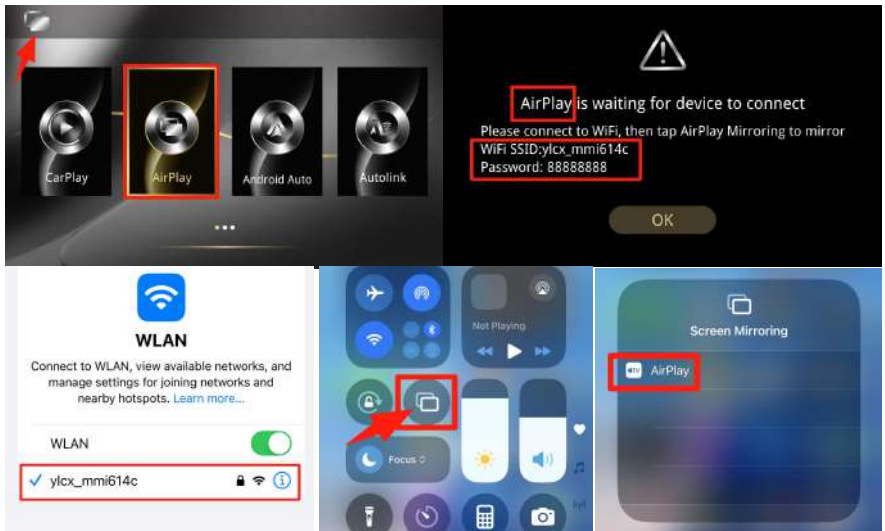
(Airplay)



(Autolink)

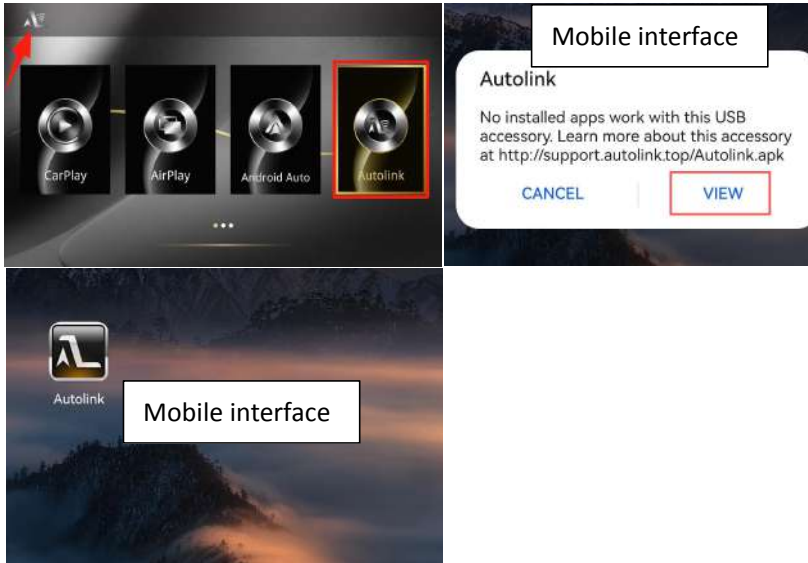
Wireless Airplay Connection Steps:

1. Click on the "Airplay" icon on the car's infotainment system and select "OK"
2. Enter the airplay connection interface on the car terminal, search for and connect to the device's wifi on the mobile terminal
3. Find the screen image icon in the dropdown taskbar on the mobile phone
4. After searching for the screen mirroring device "airplay" on the mobile phone, connect the device name



Wired Autolink connection steps:

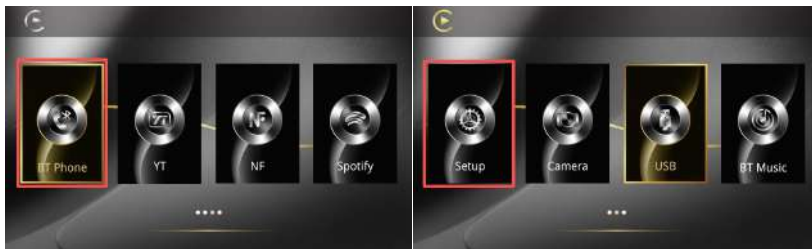
1. Click on the "Autolink" icon on the car's infotainment system and select "Confirm"
2. Android phones connect the decoder USB port through a data cable, and the phone prompts and enters the browser to download and install the Autolink APP
3. Reopen the Autolink app on your mobile phone and unplug the data cable



Introduction to Bluetooth Music and Bluetooth Phone Features

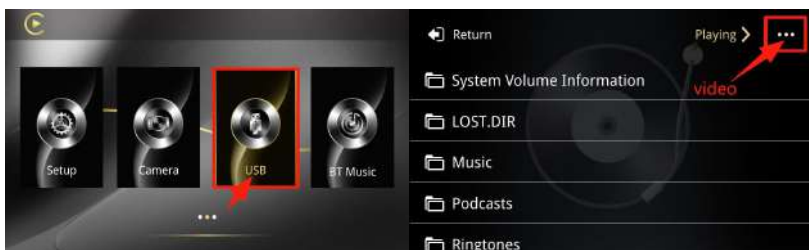
1. Ensure that the wireless Carplay/Hicar/Android Auto connection is disconnected from the phone
2. Then connect the phone to the Screen Bluetooth
3. Then click on the Bluetooth music or Bluetooth phone icon to use these two functions.





Introduction to USB high-definition playback function

1. First, insert a USB flash drive with videos and music, and click on the "USB flash drive" icon
2. Audio and video switching, click on the three dots in the upper right corner to select audio and video functions



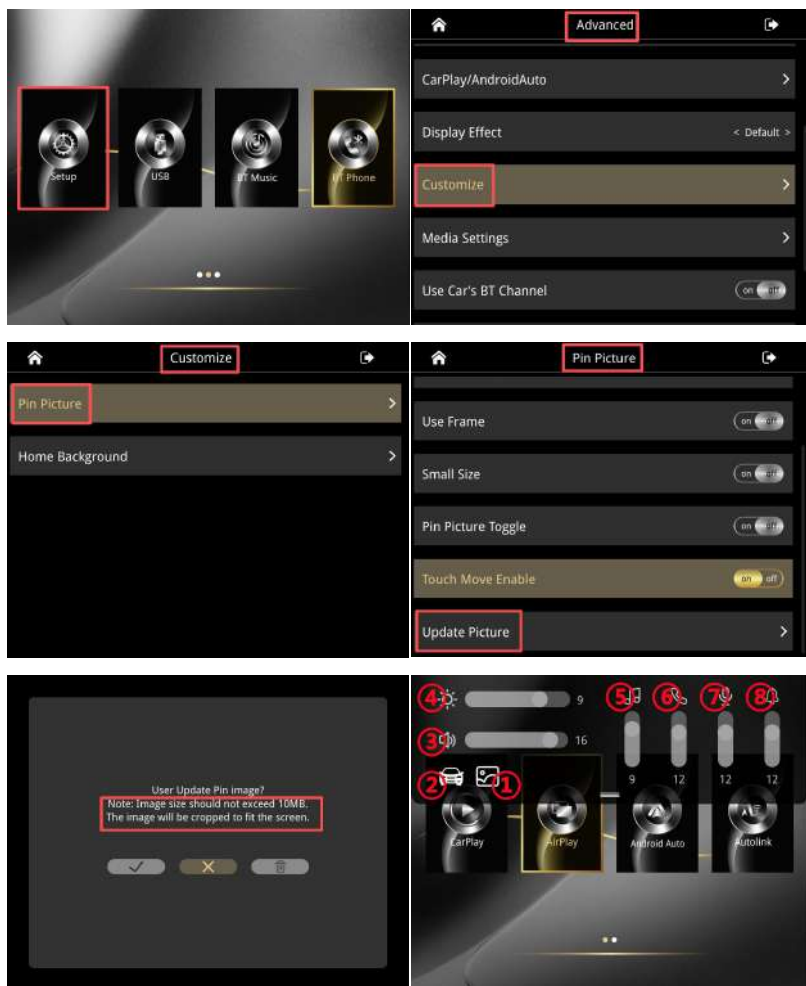
Video support formats: 3GP, MP4, M4V, AVI, MOV, MKV, DIVX, DAT, RM, RMVB

Audio support formats: MP3, WMA, WAVE, Ogg, FLAC



8.2 Instructions for using the Screen's dynamic island function

- 1、Go to Setup - Advanced - Customize-Pin Picture - Update Picture
- 2、The image is smaller than 10M



Notes: Touch the screen and slide down from the top of the screen

- ① The photo shows the switch;
- ② Quick icon to enter the original car interface.
- ③ This is the shortcut icon for total volume.
- ④ Screen backlight brightness adjustment icon.
- ⑤ Music volume icon.
- ⑥ Phone volume icon.



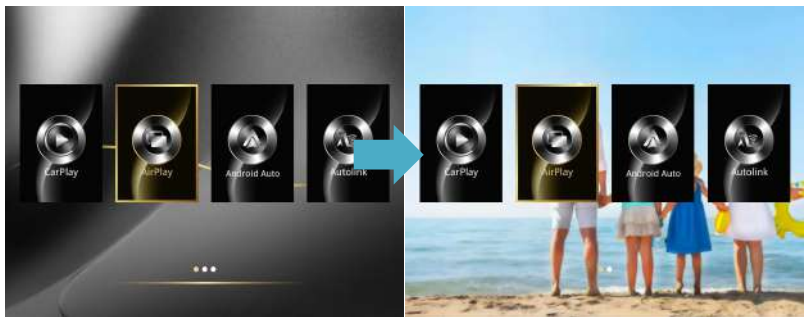
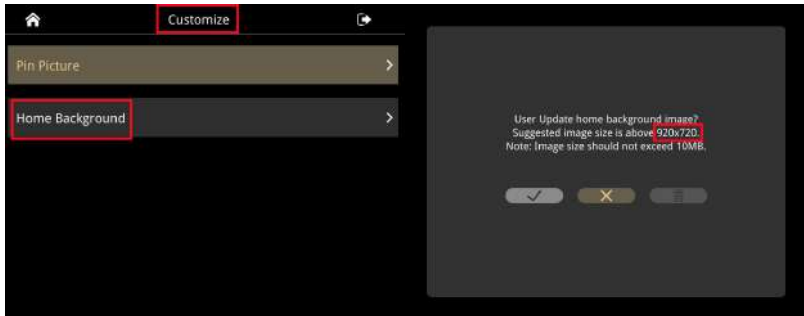
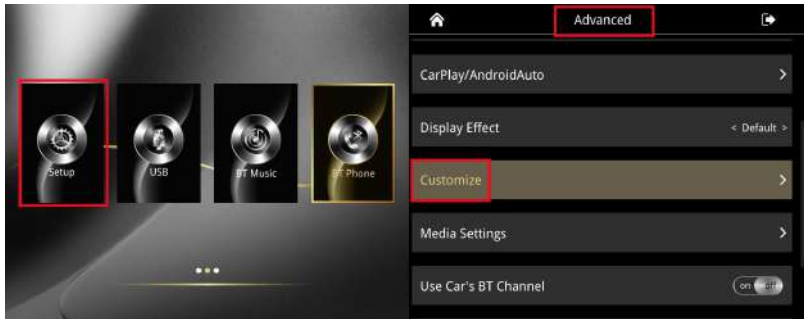
⑦Voice volume icon.

⑧Ringing volume icon.

8.3 Home Background image upgrade

1、Go to Settings - Advanced Settings - Custodize-Home Background

2、Select the image corresponding to the screen resolution, and the **image name must be set to: home_bg** (_ That's right, - That's wrong)



9. Firmware upgrade



(Online upgrade)



(System upgrade)



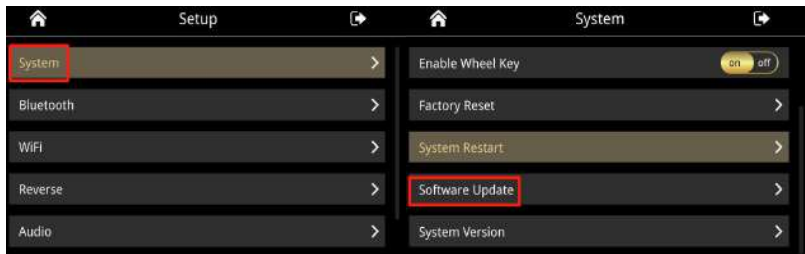
(Factory upgrade)

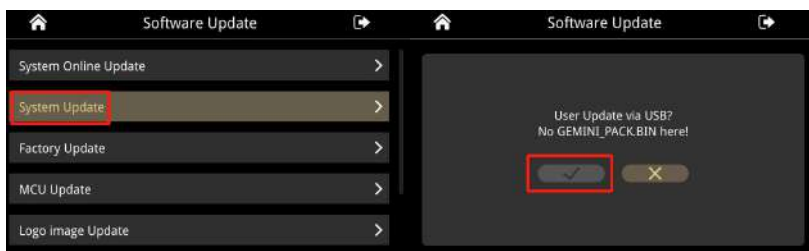
1. Online upgrade

Enter Settings, select User Upgrade, click on the System Online Upgrade option, **Enter password:2008**, open the hotspot network on your phone, search for your phone's hotspot wifi on the car screen, enter your password, connect to the network, download the installation package, and update the system.

2. Carplay system upgrade steps:

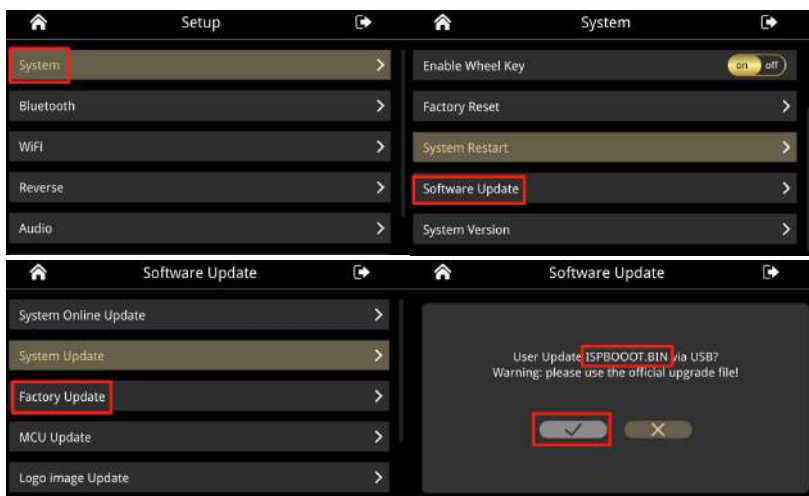
1. Copy the upgrade file "GEMINI-PACK.BIN" to the root directory of the USB drive **(select 8GB/16GB/32GB, FAT32 format)**, insert the USB drive into the decoder's USB port, and click the "Settings" icon
2. Find and enter "User Upgrade"
3. Select and enter "System Upgrade"
4. After the upgrade dialog box pops up, select " ✓ " to enter the upgrade mode.
5. The entire upgrade process takes about two minutes to wait (please refer to the legend)





3. Factory upgrade:

1. Copy the upgrade file "ISPBOOOT. BIN" to the root directory of the USB drive, insert the USB drive into the decoder's USB port, and click the "Settings" icon
2. Find and enter "User Upgrade"
3. Choose to enter "Factory Upgrade"
4. After the upgrade dialog box pops up, select " ✓ " to enter the upgrade mode
5. The entire upgrade process takes about two minutes to wait (please refer to the legend)



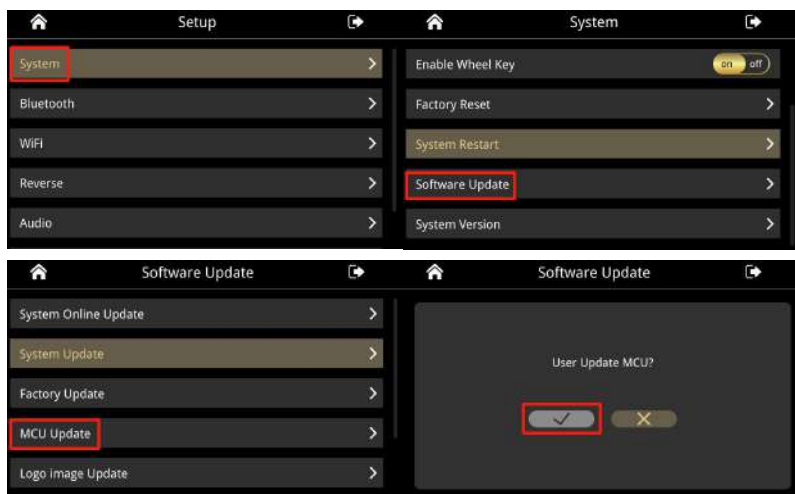
MCU upgrade steps:

1. Copy the MCU upgrade file to the root directory of the USB drive, insert the USB drive into the decoder's USB port, and click the "Settings" icon

2. Find and enter "User Upgrade"
3. Select to enter "MCU Upgrade"
4. After the upgrade dialog box pops up, select "✓" to enter the upgrade mode

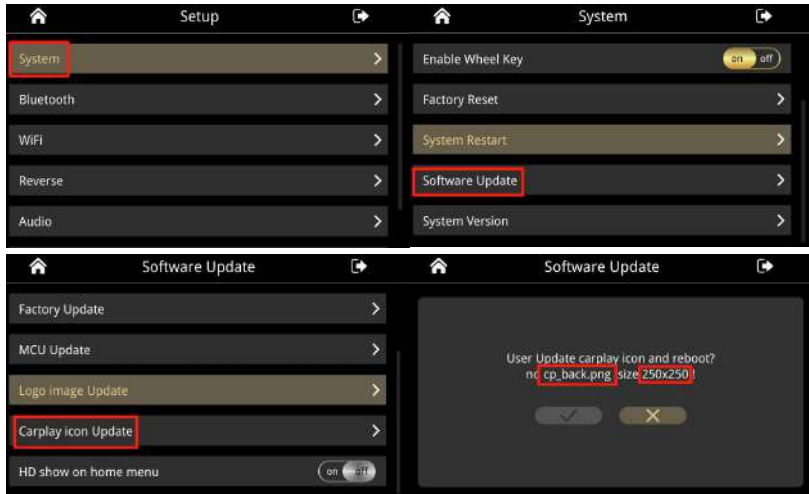
The entire upgrade process takes about 2 minutes to wait

Attention: Long press the MENU button to switch to the CarPlay installation interface. Wait until you see the installation main interface before unplugging the USB drive.



Carplay icon upgrade steps:

1. Copy the upgrade image file of the **250x250 "cp_back. png"** to the root directory of the USB drive, insert the USB drive into the decoder's USB port, and click the "Settings" icon
2. Find and enter "User Upgrade"
3. Select to enter "Carplay icon upgrade"
4. After the upgrade dialog box pops up, select "✓" and you will see the decoder restart

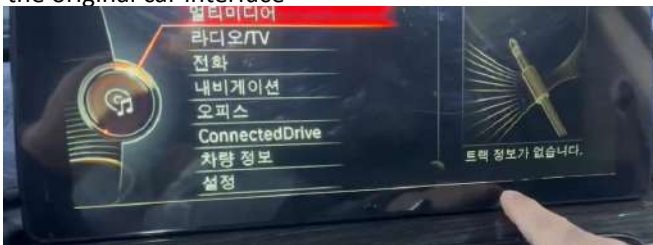


HD switch options(This is an optional feature, provided that the SKU comes with HD function)--> (Scan to watch)



10. Frequently Asked Questions

1. After replacing the screen, a white line is displayed at the bottom of the original car interface

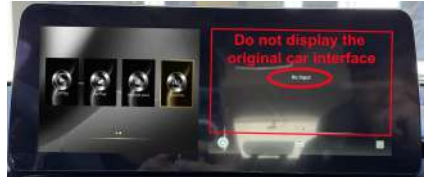


Solution: Please set "AUTO" in Setup Advanced Settings - "Original Vehicle Resolution". This can solve the problem.

2、 How to solve the problem of the original 6.5-inch screen not displaying the original car interface on the right side after installing a new screen replacement machine?



Before installation



after installation

(1) Please ensure that the correct original car screen resolution is set in Settings - Advanced Settings. You can set different options for the same size to check if it can solve the problem;

(2) Please confirm if the LVDS cable behind the screen is securely plugged in. The LVDS cable behind the screen needs to be securely plugged in;

(3) If the problem still exists after checking the first two items, please turn off the car and lock it for 20 minutes, keep the car key away from the car, and then start the car again to see if the problem has been solved.

3、 Why can't I hear any sound from Carplay?

(1) Please check if the sound channel in point 5 of the directory is selected correctly. If it is selected correctly, please check item 3.1 of the directory to ensure that the fiber optic cable is properly connected to the Carplay power cord.

(2) If there are no issues with the first step of the inspection, and if the original car audio selects AUX and CarPlay has no sound, please insert the 3.5mm cable reserved on the CarPlay power cord into the original car AUX hole. (By default, carplay The 3.5mm AUX male and female plugs on the power cord are plugged in by default)



4. What should I do if I use Apple CarPlay or Android AUTO to make a phone call to the other person and they can hear the echo of what I am saying?

Please scan the code to view the operation steps.



The detailed operation steps are as follows:

(1) In a quiet environment, go to the decoder settings - Audio settings - select the automatic AEC configuration option, check the box, and perform automatic echo configuration. The process takes about 2 minutes, and the configuration will be accompanied by a buzzing sound.

(2) After the configuration is completed, check the configuration result. If the configuration result is below 80%, please follow the prompts to set the corresponding OP value, and then reconfigure until the configuration result reaches 80% or above or 100%.

(3) If the above operation cannot solve the echo problem, it is recommended that you output the carplay sound through the original car Bluetooth. Please refer to section 5.2 of the catalog for operation.

5. If the original car AUX volume cannot be adjusted after installation and remains at 0, then check if the original car fiber optic cable is connected to the Carplay power cord. Please refer to point 3.1 of the catalog, as the fiber optic cable needs to be connected to the Carplay power cord.

6. Carplay product wiring harness is plugged in from the original vehicle, and normal installation will not have any impact or problem on the original vehicle. If there is an error in the original car instrument panel after installation, please turn off the car and cut off the power, restore all the wires of the original car, check if the fault has been eliminated. If the fault has been eliminated, please recheck all the wiring of the Carplay, check if the box dip switch is correct, and check if there are any unplugged wires in the original car. Check if the fiber optic cables have been switched and if they need to be plugged in. Then restart the car and check if the problem has been solved;

If all the wires of the original car have been restored and all the wires of Carplay have been removed, but the fault still exists, then it is necessary to check whether all the wires of the original car have been correctly restored, or to check if there is any problem with the fuses of the original car, which requires further inspection by professionals.

7、What should I do if the other party cannot hear my voice while making a phone call to Carplay in the car?

(1) Please check if the original car has a microphone

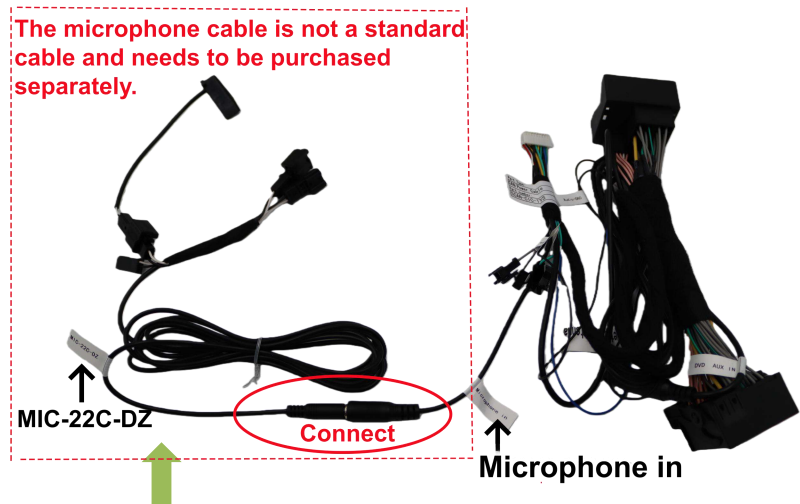
If the original car has a microphone, it may be necessary to use a microphone extension cable to connect to the original car microphone. This microphone extension cable is not standard and needs to be purchased separately.

Alternatively, you can check if the original car has a Bluetooth phone. If the original car has a Bluetooth phone, you can refer to the operation method in catalog 5.2.

The phone sound is transmitted through the original car's Bluetooth.

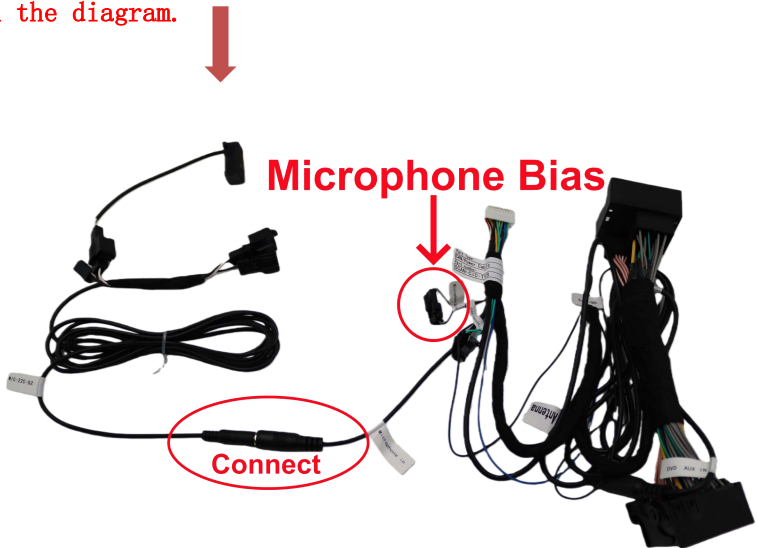
(2) If the original car does not have a microphone, you need to contact customer service to purchase an additional set of microphones and microphone extension cables. Then install a microphone cable on the CarPlay power cord. The

installation method is shown in the following figure.



Default connection method

If the method of installing a microphone cable as shown in the diagram does not work, please use the wiring method shown in the diagram.



8.If a video box is optionally installed and the YT, NF, Spotify, TuneIn icons do not display after selecting the APP in the settings, Please check if the video box cable is securely plugged in and if the screen HDMI cable is securely plugged in.

If they are all plugged in tightly, you can enter the settings to restart the system.

8. Why doesn't the reverse screen exit when shifting from R gear to D/P gear, but remains in the reverse screen?



You can manually press the P key to turn off the radar.

If your car does not have a radar P key, please turn on this

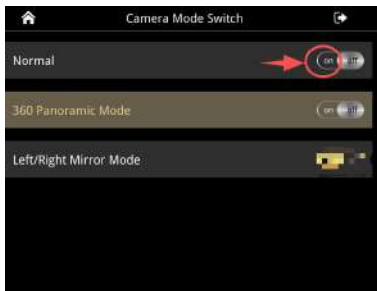
switch.->**"Menu key Cancel Reverse:ON"**

Or,You can directly open another option.URL:You can go to YLCX Screen system

Setup -- Reverse -- **"Disable Park Key: ON"**.

10、 Turn on the turn signal, and the screen will automatically jump from the CarPlay interface to the original car interface?

Please click Setup--Advanced -All-View Setting--**Normal: ON**



11、 Dear user, if you encounter any problems while using the product, you can contact our customer service personnel.

Thank you.

11、Contact Us



If you encounter any unresolved product usage issues and need our assistance, please contact us through the shopping platform or WhatsApp for help.

If you contact us, please provide us with the following information:

1. Your order number for purchasing the product;
2. Your car model year, screen photo, all Carplay wiring photos or videos;
3. The model label photo of the Screen,
4. Problem videos or problem photos;
5. Under what circumstances can the operation cause this problem, how can it be restored, or is it impossible to restore;
6. Take a photo of the Carplay Screen system version number and go to the screen system settings - version to obtain it.-> (URL:Setup--System--System Version)

FCC Caution:

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..

Any 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.