

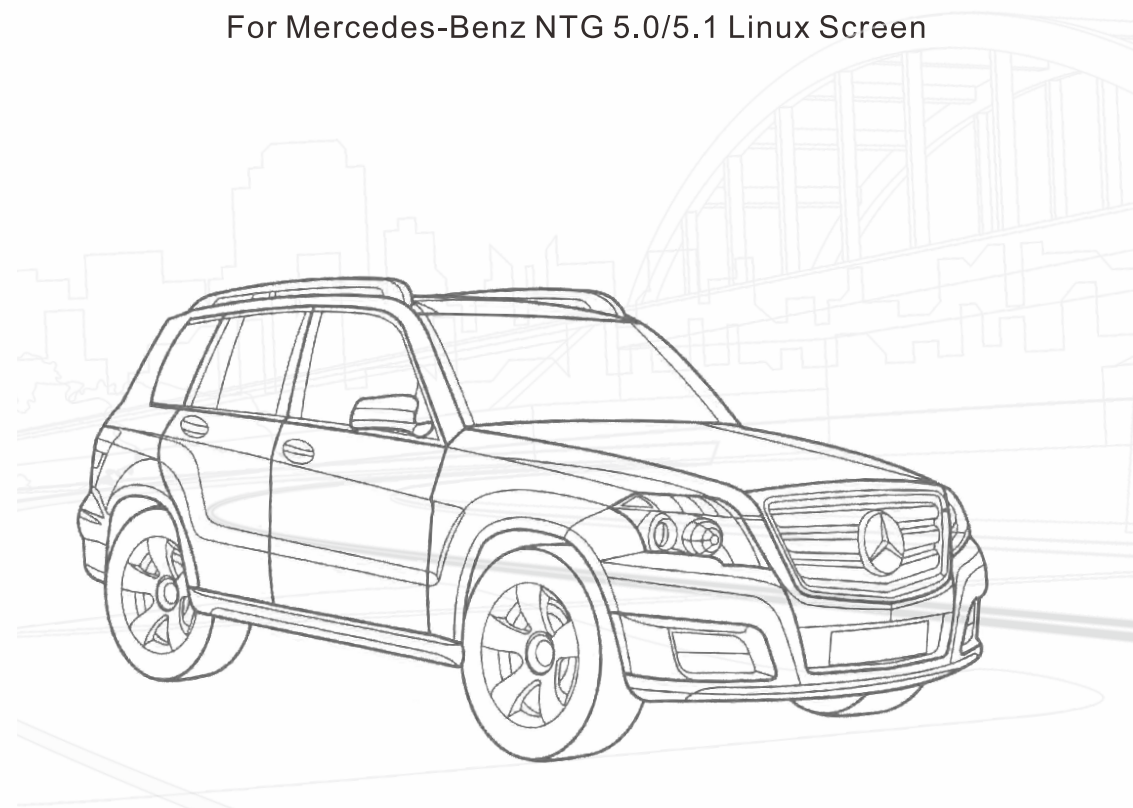
LINUX SCREEN

HL-8368XU

In-car wireless CarPlay/Android Auto touchscreen

User Manual

For Mercedes-Benz NTG 5.0/5.1 Linux Screen



Innovation changes life

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1. Cables Connection

1.1 Product List



Main Screen



Bracket (Varies depending on the model)



LVDs Cable & USB Cable



Power Cable



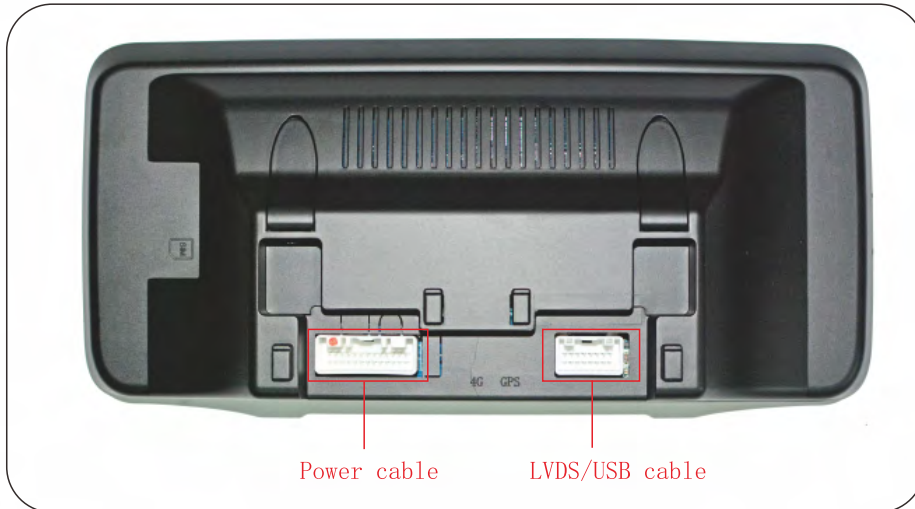
Pry Bar Set

1.2 Guidance Video

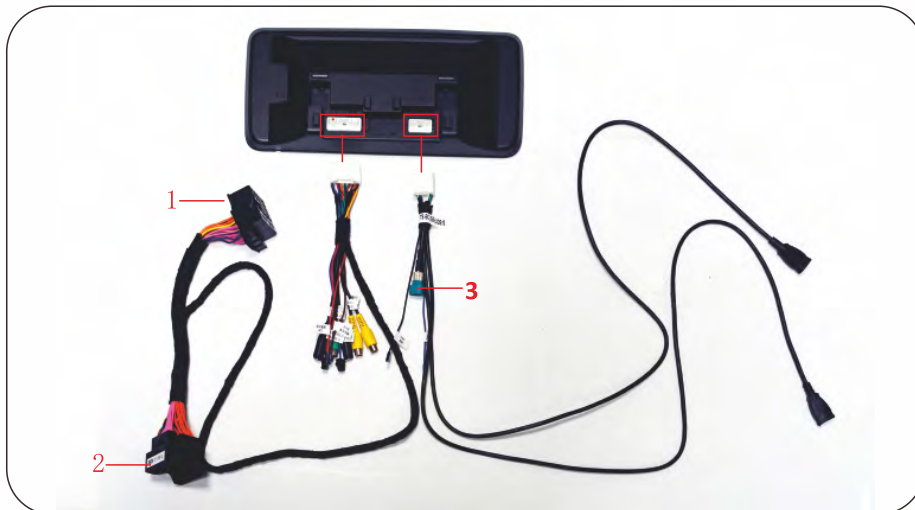
Reminder: The instrument panel removal method may vary for different models.
Please check the guidance video for reference. It is recommended to use this user manual together with the video so that you can complete the installation smoothly.

1.3 Ports Introduction

Reminder: Please make sure you have already switched off the engine before installing the cable.



1.4 Cables Connection Chart



Reminder: If your car doesn't have an original i-drive, you might need to install an external i-drive.

2. Installation Steps - Disassembly Steps

Reminder: Please make sure you have already switched off the engine before installing the cable.

Please note that the removal process for the original central control unit and screen varies significantly across different Mercedes-Benz models. Due to these differences, it is crucial to follow the specific instructions tailored to your vehicle's make and model.

The general steps for removing the original central control unit and screen are as follows:

Remove the vehicle's panels in the correct order and disconnect the connected cables.

Carefully detach the panels surrounding the central control unit, ensuring that all connected cables are properly disconnected. Take note of the panel removal sequence to facilitate reassembly later.



Remove the screen.

Gently detach the original screen from its housing, ensuring that all securing clips or screws are removed and any connected cables are disconnected.



Remove the CD host.

Once the screen is removed, proceed to take out the CD host unit.
Be cautious when handling this component to avoid damage.

Reminder: There is no need to disconnect the other cables on the CD host, but you can decide whether to disconnect and reconnect based on the difficulty of installing the vehicle model.



During the process, you may need to remove screws located in specific positions. Please exercise caution to ensure that screws do not fall into the interior of the vehicle, as this could lead to potential damage or operational issues. It is recommended to use a magnetic tool or a secure container to hold the screws as you work.

For model-specific detailed step-by-step guidance, we highly recommend referring to the installation video corresponding to your specific Mercedes-Benz model.

This video will provide you with the precise information needed to safely and effectively remove the original components without causing any damage to your vehicle.

3.Installation Steps - Wiring Connection

1) Wiring arrangement

Take the power cable from our product and route it inside the vehicle structure shown in the image below.

Reminder: If your car has an optical fiber cable, you have to take it from the original power cable, then plug it into the host and pass it through the new power cable. (You can see detailed images and text explanations from the **4.6 sound setup.**)



The USB port will extend from the storage drawer through the internal vehicle structure. Some compact models may require additional holes to be drilled inside the passenger drawer so that the USB cable can pass through.



2) Connections

For the screen, you have to assemble the bracket and screen first and then connect the cables shown in the image below.



For the CD hosts, connect the new power cable with the CD host and the original power cable, as well as the fiber cable.



4.Functional Testing

Due to the particularity of the system, it is recommended to **only open one function** at a time, otherwise it may cause the system to run slower or other problems.

Reminder: Before all the functions of the equipment have been tested successfully, please don't reinstall the shell and panel of the car. So that you can find the questions of the equipment faster and more convenient. As well as minimize possible damage and accidents during disassembly and assembly.

4.1 Wireless CarPlay / Android Auto / Hicar

1) Set up > Smart Phone, Turn on "CarPlay / Android Auto / Hicar", and turn off the others.

2) Before setting the CarPlay function, please disconnect the Bluetooth connection between your phone and car first.

Step 1: Turn on your mobile Phone "Wi-Fi" switch.

Step 2: Turn on "Bluetooth" as well.

Step 3: Search for the Bluetooth of the product, the name of the Bluetooth is "CARKIT".

Step 4: Pair the Bluetooth;

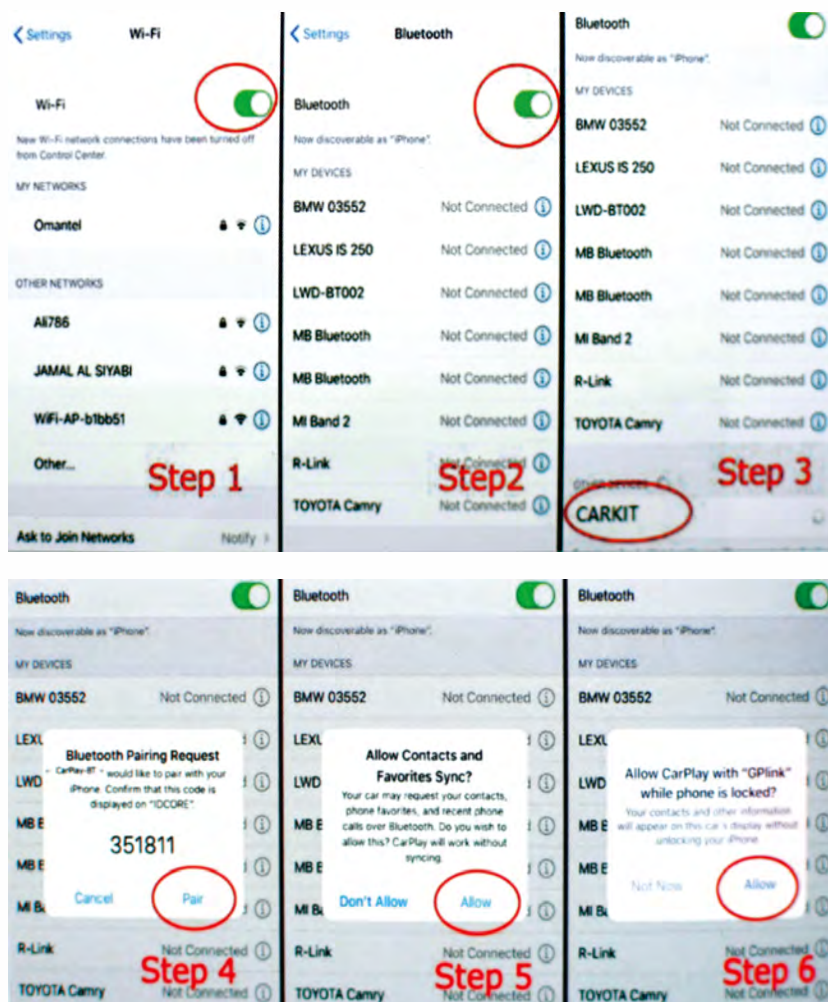
Step 5: Allow the sync;

Step 6: Click "Allow" to use the CarPlay function.

The connection solutions of wireless Android Auto are the same as CarPlay, so if you want to use Android Auto, follow the connection method and steps of CarPlay.

(See the next page for illustration)

(Pictures to follow the previous page)



4.2 Wired CarPlay / Android Auto / Hicar

- 1) Connect the product to your phone by USB cable.
- 2) Use wired CarPlay / Android Auto / Hicar.

4.3 Air-play

- 1) Set up > Smart Phone, Turn on “Air-play”, and turn off the others.
- 2) Turn on the WiFi switch of the screen and connect to your iPhone personal hotspot.
- 3) Open the shortcut menu bar of your iPhone, select “screen mirroring” and turn it on, and then you can use the Airplay function.

4.4 Android Mirror-link

- 1) Download and install the “Auto-link Pro” App on your Android phone.
- 2) Set up-Smart Phone, Turn on “Autolink”, and turn off the others.
- 3) Open the “Auto-link Pro” App on your phone.
- 4) Connect “CAR-XXXXX”.
- 5) Allow “Auto-link Pro” to use the mirror link function.

4.5 OEM Car

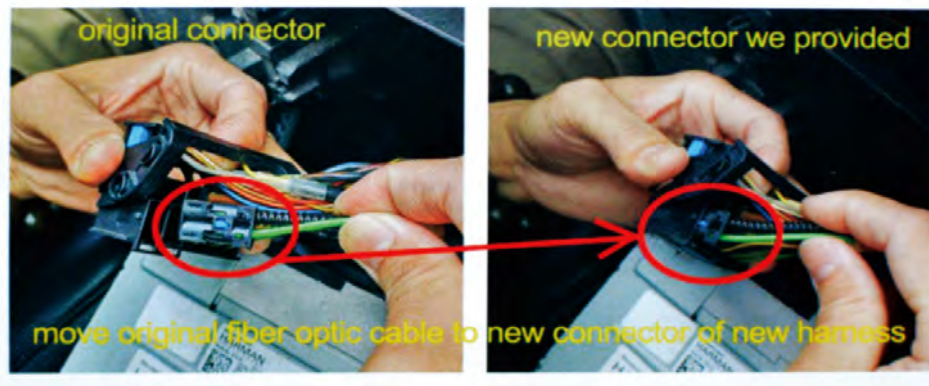
- 1) Home > OEM Car
- 2) Now you can use i-drive to use your OEM car system.

Reminder: The OEM screen doesn't have a touch screen function, so after entering the OEM car system, clicking anywhere on the screen will exit OEM mode. You can only use i-drive to control the OEM screen.

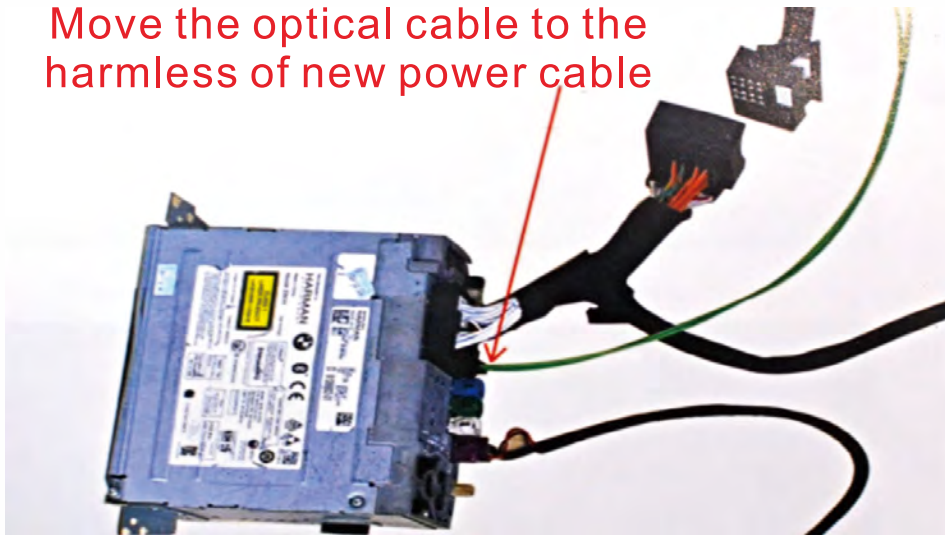
4.6 Sound Setup

1) Optical Fiber Cable Installation

When you connect the new power cable to the head unit, you have to take the optical fiber cable from the original power cable and plug it into the host pass through the new power cable.



Move the optical cable to the harmless of new power cable



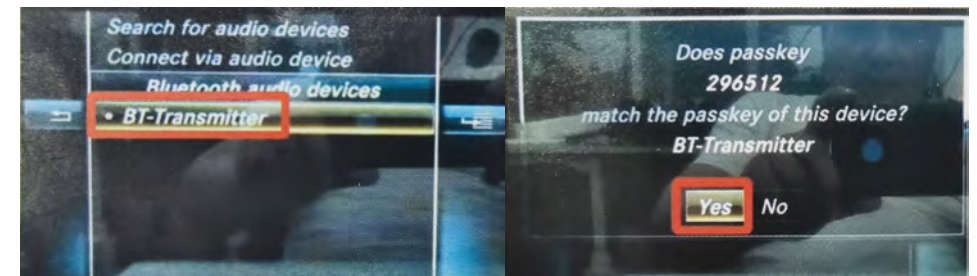
2) Sound Transmission Methods

Car Bluetooth Transmission

Step 1: Open the Bluetooth audio of the original car host and select "Connect via BT audio device",



Step 2: Click the Bluetooth named as "BT-Transmitter" and confirm it.



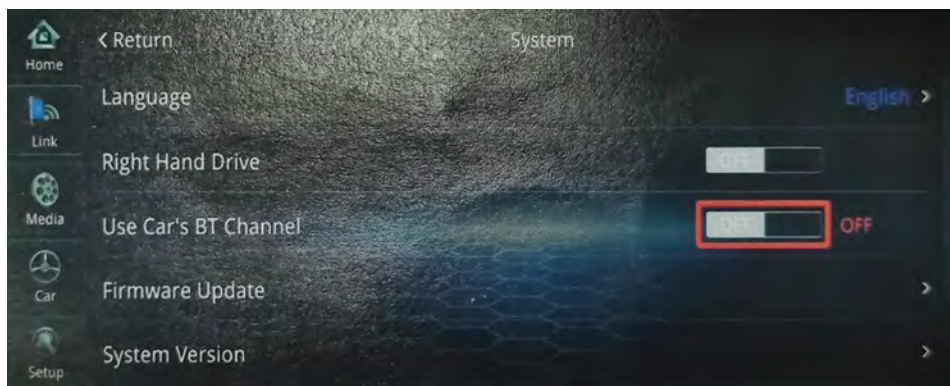
Step 3: Select Bluetooth as sound transmission channel on the original system interface.



Phone Bluetooth Transmission

Reminder: For this Bluetooth transmission mode, there will be no sound/video when you play the music or video by USB flash.

Step 1: Set up > System > Use Car's BT Channel, the "Use Car's BT Channel" as "OFF" status.



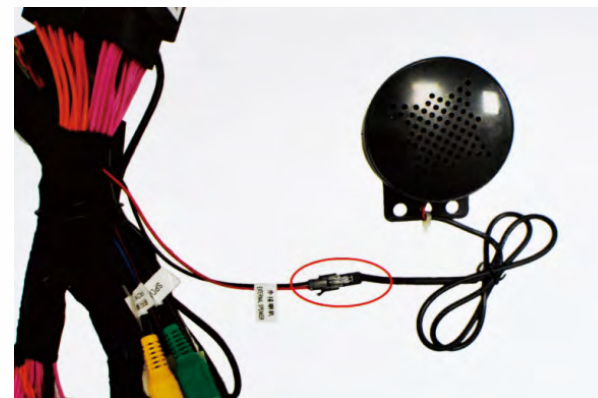
Step 2: Turn on the phone Bluetooth, and connect it with the car Bluetooth.

Step 3: On the original car interface, select the Bluetooth as sound transmission method.



Reminder: For the car with optical fiber, but there is no sound when you make the calling or use the navigation function, please follow below snapshot to connect an external speaker.

The external speaker belongs to optimal accessory.



4.7 Camera and DVR

1) Camera Setup

OEM camera: Setup > Car Settings > Reversing Settings > Camera Type > Original camera

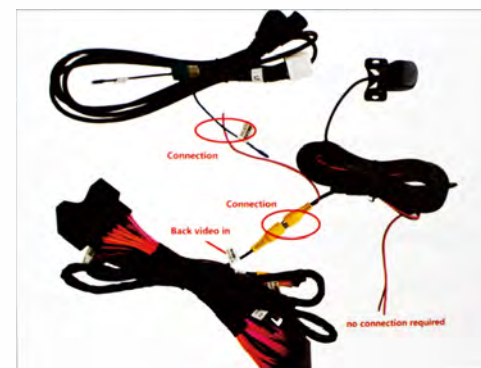
Aftermarket Camera: Setup > Car Settings > Reversing Settings > Camera Type > Aftermarket camera

2) Camera Cables Connection

Reminder: For the original camera, there is no need to connect any cable for the camera, but for the aftermarket camera, you have to follow the below samples to connect the cable.

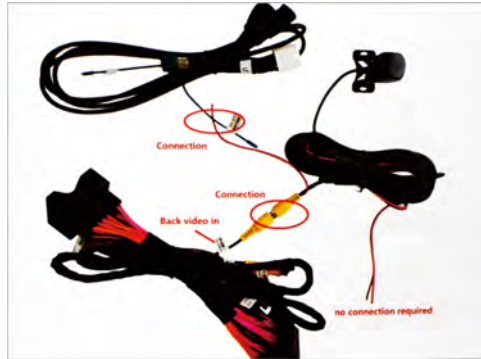
Rear camera cables connection

Rear-Camera Cable connection ports: "BACK VIDEO IN" + "CCD 12V"



Front camera cables connection

Cable connection ports: "FRONT IN" + "CCD 12V"



3) Front-view Time Setup

After front camera cable connection done, please set the "Front-view Time" as 0-20 seconds.

Setting steps: Setup > Car Settings > Reversing Settings > Front-view Time

Activation solution: move the gear to the reverse side first, and then change to driving side.



4.8 USB Player

Download videos and music to USB and connect to the screen via USB cable.

You can play music and videos in the car through the screen.

Reminder: It is recommended to unplug the USB when not using it to play music or video, as this may cause audio playback confusion.

5. Installation Steps - Assembly Steps

Since the removal process differs by model, the corresponding installation steps will also vary accordingly. For precise instructions tailored to your specific vehicle, please refer to the installation video for your Mercedes-Benz model.

The general steps for installation are as follows:

Connect the corresponding cables and fix the screws of the screen tightly.

Carefully position the new screen in place and make sure it is securely fixed. Connect all necessary cables to the upgraded screen, ensuring proper alignment and secure connections.



Route and organize the internal wiring, then reinstall the CD host.

After connecting the screen, route the cables neatly and securely within the car structure to avoid interference with other components. Once the wiring is organized, reinstall the CD host unit into its original position.



Reminder: Please ensure that no wires will be stuck/crushed when reinstalling, which may significantly shorten the product life or cause certain functions to be disconnected.

Reconnect the central control panel cables and reinstall the panels.

Reconnect all cables to the central control panel as they were originally configured. Carefully reattach the panels in the reverse order of removal, ensuring they are securely fastened and aligned.

During the installation process, pay close attention to the placement of screws and ensure they are properly tightened. Avoid over-tightening, as this may damage the components. If you encounter any difficulties or are unsure about any step, consult the installation video for your specific model or seek assistance from us.

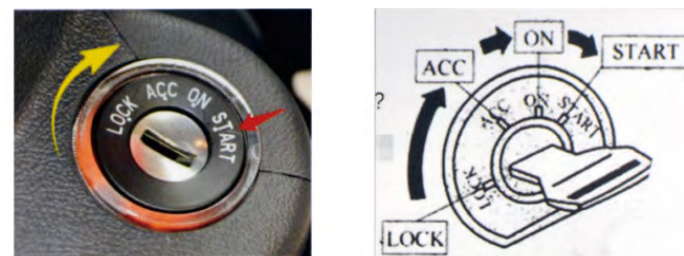
By following these steps and referring to the model-specific installation video, you can ensure a smooth and successful upgrade process.

6. FAQ

6.1 Resolution

Before you set the resolution, please make sure the status of the car engine and the host are on, otherwise the original radio interface will show “No Signal”.

Turn the key to “Start”, as shown below:

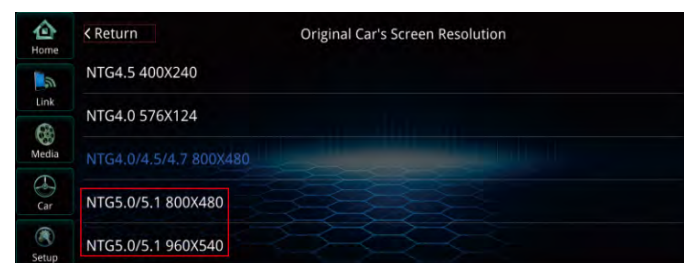


Make sure you already turned on the radio (host):



Resolution setup

For the blurred screen issue, please follow below steps to set the resolution:
Setup > Car Settings > Original Car's Screen Resolution
Select the correct resolution as per your car original screen resolution.



Reminder: Please make sure to restart the car after changing the resolution.

6.2 Audio

Common audio problems that may occur include the following:

- Wiring error
- Bluetooth Transmission is not set

If you have any further questions or need more help, please:

7. Contact Us

If you need any help, please contact us through the purchasing platform.

When you contact us, please send us the following information:

1. Order number
2. Car model and year
3. Tell us the detailed problem you encountered. Video or pictures of the problem will be greatly appreciated. This will go a long way in helping us find a solution.

FCC Information

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.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

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

This equipment complies with FCC exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.