

User Manual

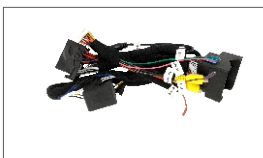
Tuning Solutions



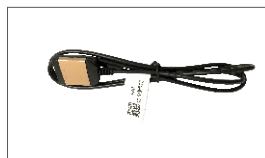
Features

- 1.Operating System:Android 14 Qualcomm 8-core 8+128GB.
- 2.Keep original car functions.
- 3.Support Wireless Carplay/Android auto.
- 4.Support voice input (like Siri or Google voice assistant).
- 5.Aftermarket Rear View AHD Camera and DAB+ (optional).
- 6.Built-in GPS Navigation system,Support iGo and waze etc.
- 7.Built in WiFi and support 4G LTE Card.
- 8.Support rear view,reverse radar,and rear track.
- 9.Built-in Bluetooth (Hands-Free Calling and Audio Streaming).
- 10.Built in microphone.
- 11.Language:support English/Russian/French/German/Spanish/Italian/Arabic/Portuguese/Turkish/Hebrew,etc.

Accessories



1* CAN Power cable



1*4G LTE cable



1* USB cable



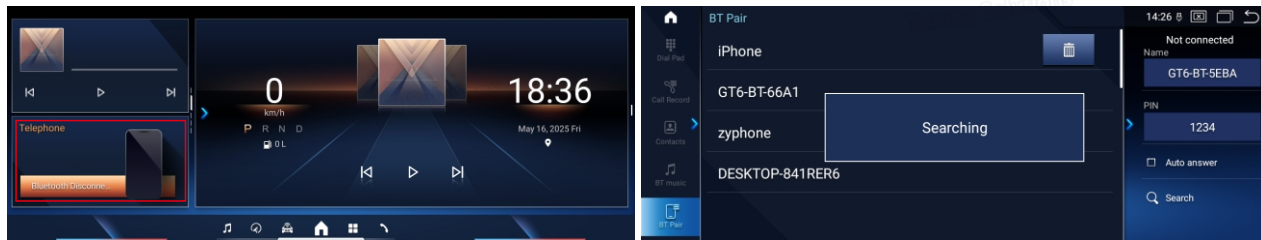
1* GPS antenna

Compatible models

Series	Manufacture year	Car model
1/2 series	2012-2016	F20/F22
3 series	2005-2012	E90/E91/E92/E93
	2013-2017	F30/F31/F34
4 series	2013-2017	F32/F33/F36
5 series	2004-2010	E60/E61
	2011-2016	F10/F11
6 series	2003-2010	E63/E64
X1	2009-2015	E84
X3	2004-2010	E83(No OEM screen)
	2011-2016	F25
X5	2008-2014	E70
X6	2008-2014	E71

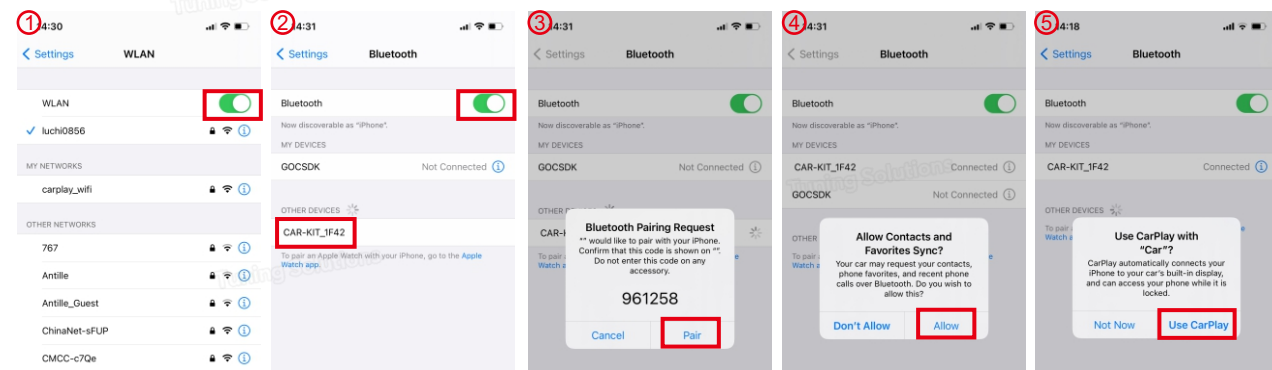
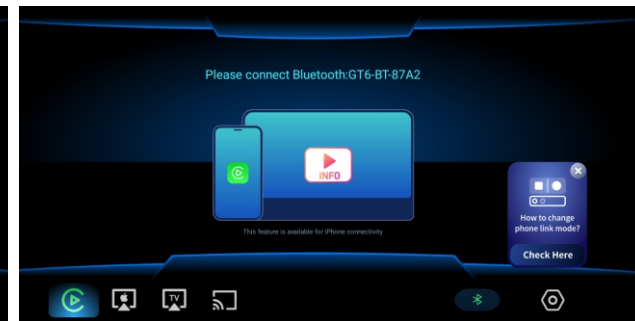
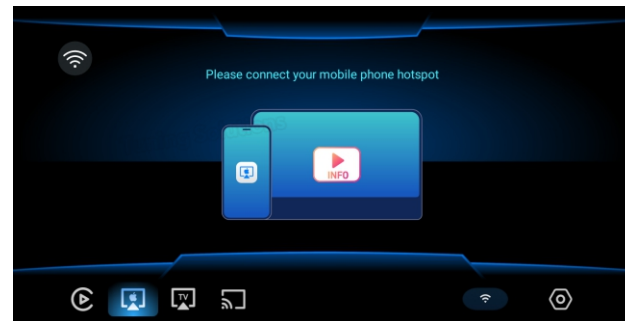
Bluetooth Connection

1. Click 'Bluetooth', enter Bluetooth connection interface
2. Click 'Search' to find the BT signal of your phone
3. Click the BT name of your phone, then a prompt to enter the Bluetooth password will be displayed on the phone. Input password, click 'OK'
4. Bluetooth connection is successful.



Wireless Apple Carplay and Android Auto

1. Turn on Bluetooth and WiFi in the phone settings.
2. Search for the Bluetooth name of the Android system in the Bluetooth interface.
3. Pair with Carplay or Android auto directly.



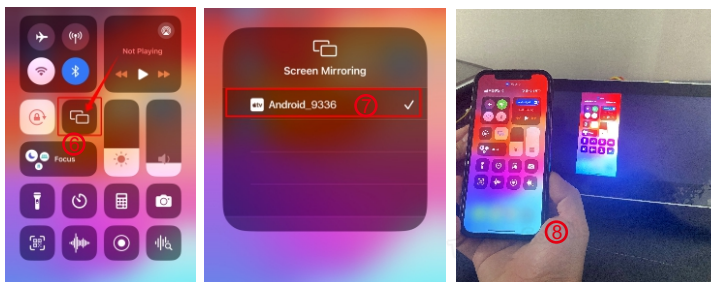
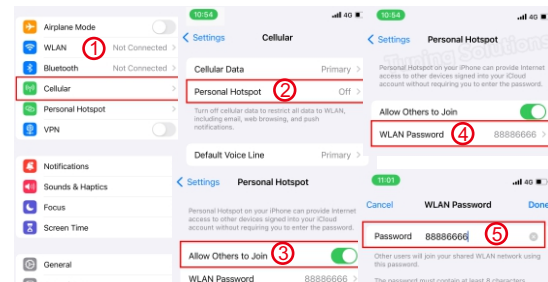
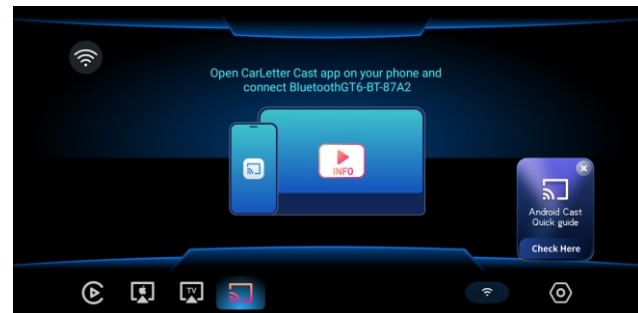
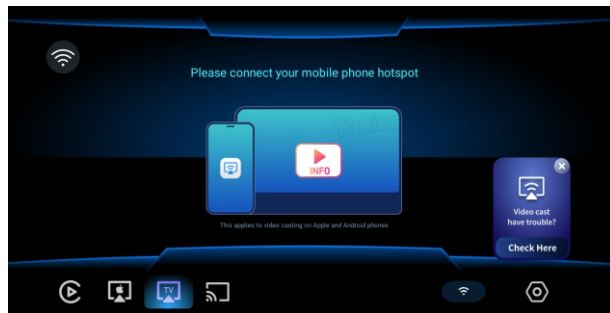
Mirrorlink connection

IOS:

Connect the screen to the phone hotspot and use AirPlay

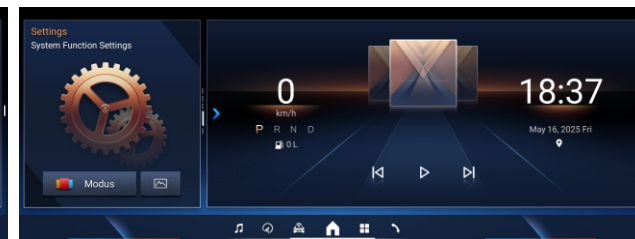
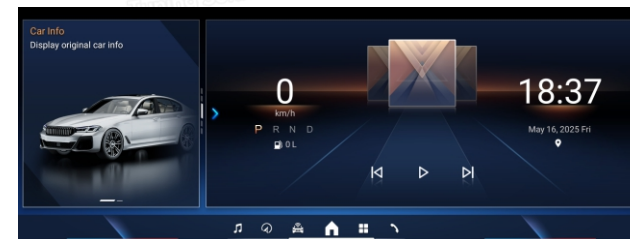
Android:

1. Scan the QR code to install the screen mirroring app
2. Connect to the phone bluetooth with hotspot to start mirroring

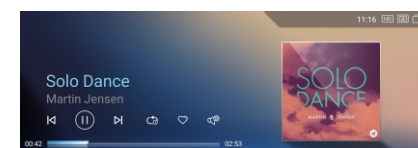
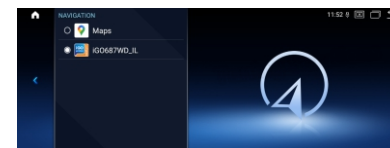
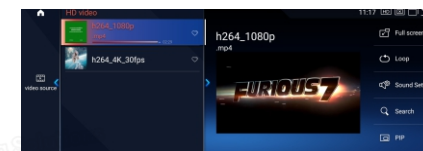
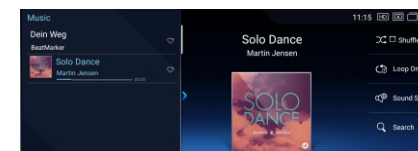


Android system main interface

- 1.Support installation of third-party map software:Nextit, Google Maps, Bing Maps, MapQuest, Here WeGo, Waze, IGO, etc.
- 2.Support playback of HD videos:Supported video formats: wmv, asf, asx,rm, rmvb, mp4,3gp.mov, m4v, avi, dat, mkv, flv, vob,AVI, WMV, etc.
- 3.Support music formats:WAV, FLAC, APE, ALAC, WavPack (WV), MP3, AAC, Ogg Vorbis, Opus, etc.



(UI Display:Main menu)



(UI Display:Map)

(UI Display:Music)

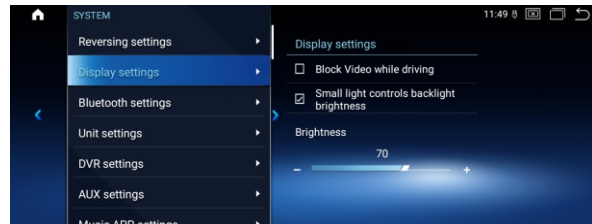
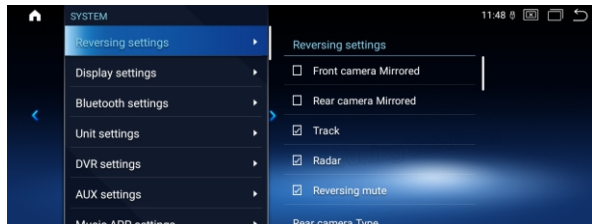
(UI Display:HD Video)

Setup Instructions

Reverse Camera Mirrored: Turn off this option if reversing image display mirror.

Disable video when driving: ON means that the video cannot be played while driving.

Reverse track: Turn on/off reversing tracking line.



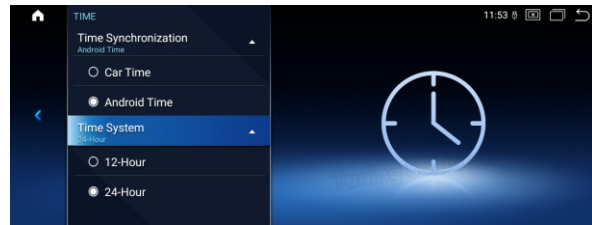
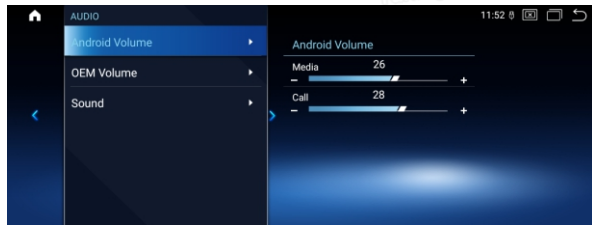
Camera selection: for reverse camera selection,

connect pink cable, select 'Afermarket camera'

connect brown cable, select '360 camera'

use original camera, select 'Original camera'

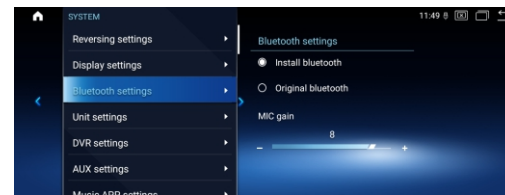
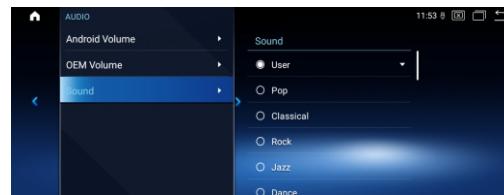
Brightness: Adjust the brightness of the screen.



Volume: Adjust the volume in Android system.

Time synchronization: Default to Android time. The time will be updated synchronously according to GPS.

Time system: Set the time to display in 12-hour or 24-hour format.



Automatic Brightness:

Width Lamp control: the display automatically dims after turning on the headlights.

Close: turn off auto dimming.

Unit selection: set the speed unit of the dashboard.

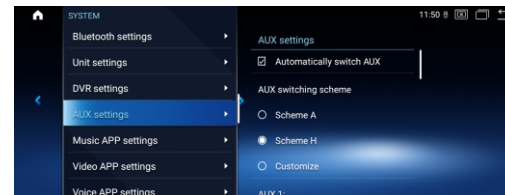
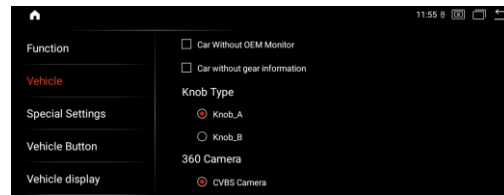
Car without OEM monitor: if the car without OEM screen, turn on this option, a clock will be displayed when switching to OEM system.

AUX switching modes:

Automatic: the sound can be switched automatically when switching two systems.

Manual: when switching to another system, the sound will turn off.

AUX auto switching: Head unit selection. Default to Harman, no need to change.

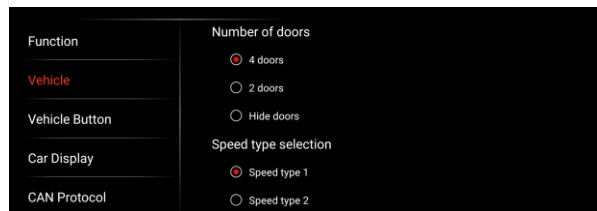
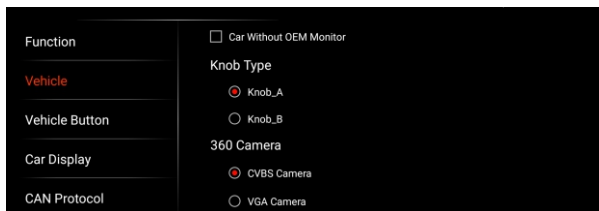


Knob Type:If the iDrive can't work properly on Android, please switch iDrive A/B and then restart.

Door settings/Number of doors:Match the original car information.

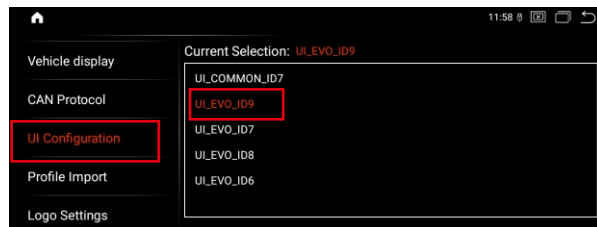
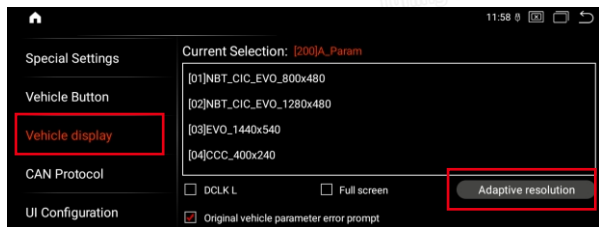
Speedometer selection:Set maximum speed display.

Gear selection:car with auto gear,select 'Automatic';car with manual gear,select 'Manual'.



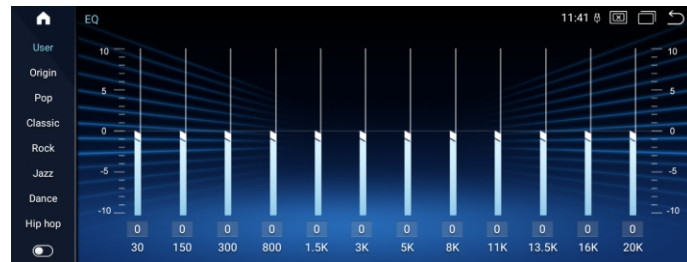
Original car display options:

Navigate to "Main Interface Settings → Factory Settings (password: 1314) → Left Column Options → Original Car Display". Here, you can view the corresponding occlusion resolution options for your installed vehicle model, or use the button function to automatically adapt the resolution—the main interface will adjust accordingly. For some older vehicle models that are not compatible with this function, manually select the corresponding original car screen resolution from the option box. Refer to the example below for illustration.



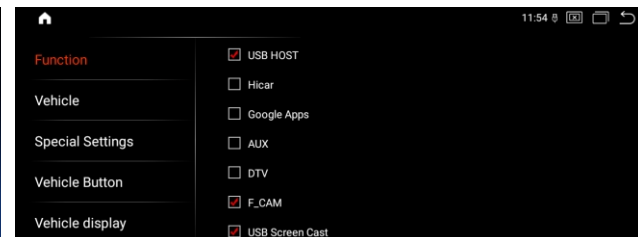
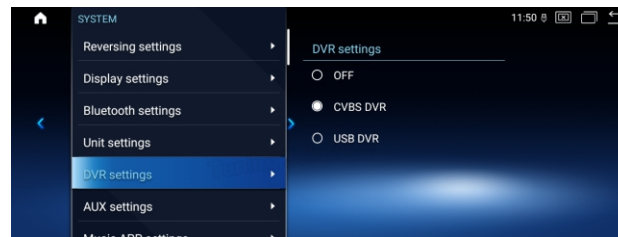
Built-in DSP tuning software

You can customize the music style.



Supports installation of front-view cameras

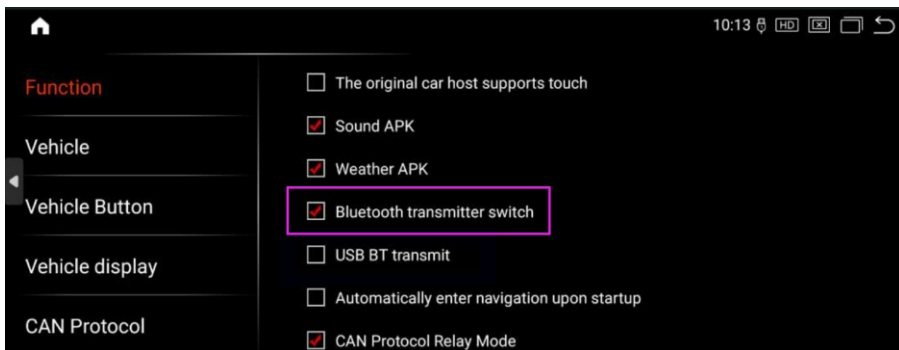
Factory settings: Select F_CAM (password 1314). DVR settings: Select CVBS DVR.



Built-in Dual Bluetooth modules. Connection method.

Step 1:

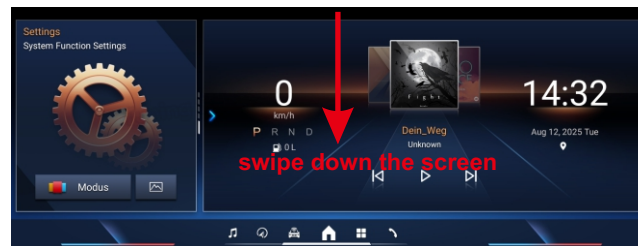
In Factory Settings, ensure that the Bluetooth Transmitter option is checked and turned on. (The default setting is ON). See the illustration below:



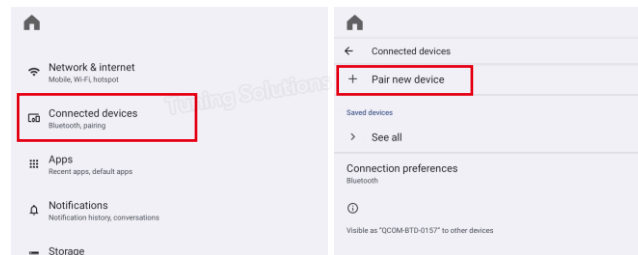
Step 2:

Return to the home screen and Press and hold the top center of the screen, then pull down to display the Status Bar. After confirming the Bluetooth Transmit Switch is on, press and hold "Bluetooth Audio Transmission" to enter the native Bluetooth pairing interface. Tap "Pair New Device". Check the Bluetooth name (QCOM-BTD), then connect to the original car head unit Bluetooth that you need to pair with.

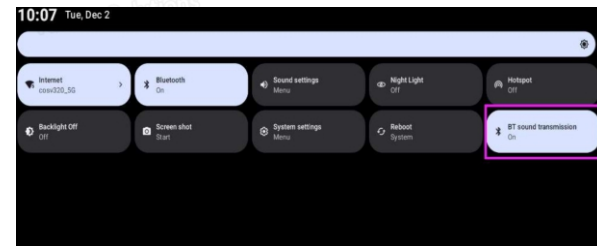
The steps are as follows:



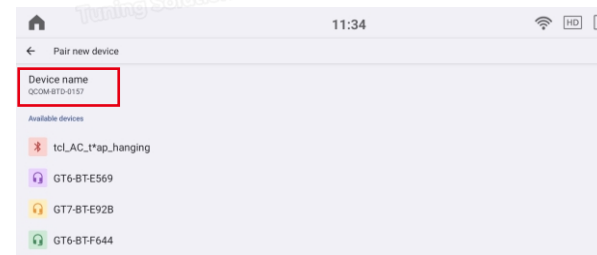
Step 1



Step 3



Step 2



Step 4

There are two pairing methods:

Method 1

Turn on Bluetooth > From the available device list, locate the original car head unit name > Tap the name to connect.

Note: Some Thead units require confirming the pairing code inside the car's original system. Go to the original car Bluetooth interface. Confirm the pairing code and connect

Method 2

Turn on Bluetooth > tap "Pair New Device" > locate the Bluetooth name shown under Device Name (QCOM-BD) > Go to the original car system > In the car's Bluetooth menu, search for QCOM-BTD > Connect directly.

Note: This method applies to head units that do not require a pairing code. For head units that do require one, confirm the pairing code on the original car system first. Then return to the Android interface, where the pairing code will appear in the center of the screen. Tap "Pair" or "Confirm" to complete the connection.

Step 3:

Turn on Bluetooth in the original car system, search for the Android Bluetooth transmitter name (QCOM-BTD), and connect. Some head units require a pairing code. If so, operate on the original car interface: tap the Bluetooth icon in the upper-right corner to open the Bluetooth pairing interface, then search and connect. After a successful connection, the Bluetooth icon will automatically hide.



Click the circled option and find the Bluetooth name of the Android Bluetooth transmitter (QCOM-BTD-0157), and pair it.

Dual and Single Bluetooth Module Identification

Confirm that the device's Bluetooth Transmitter is compatible with this function. Refer to the version number shown in the image below for identification. Dual-Bluetooth Version: BLINK_2161 Single-Bluetooth Version: BLINK_5.0/5. 1

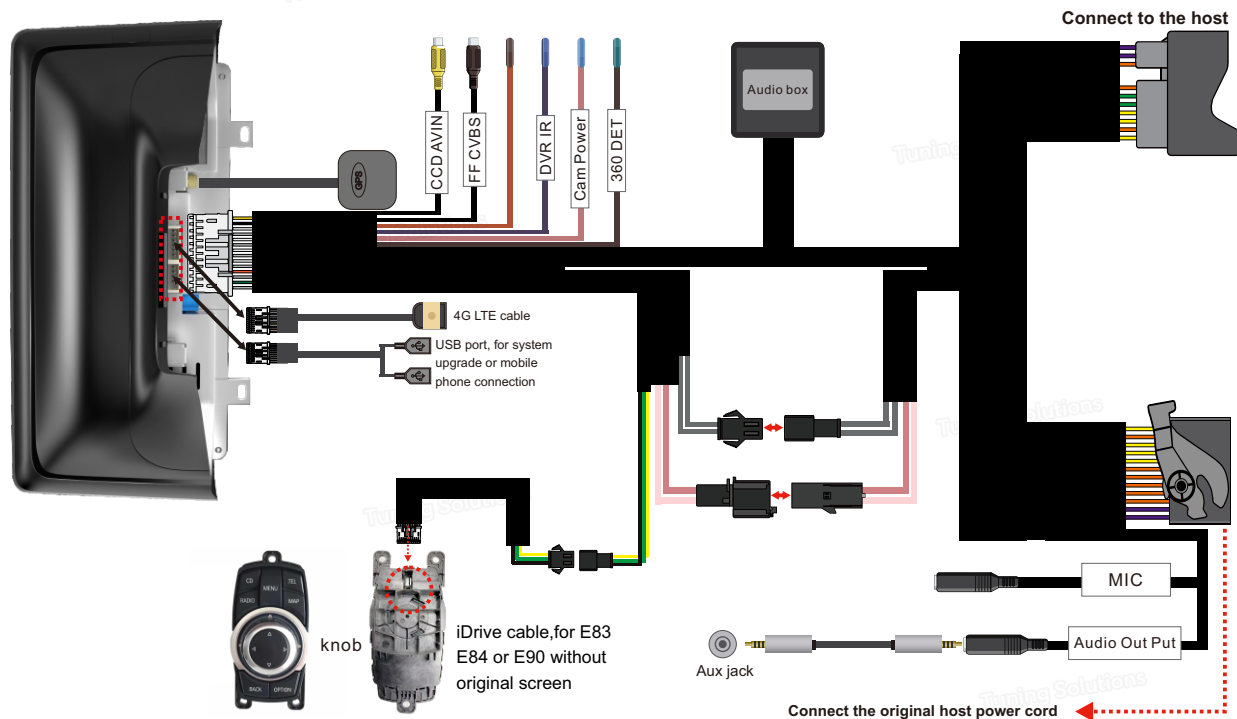
Dual-Bluetooth Version: BLINK_2161

Single-Bluetooth Version: BLINK_5.0/5. 1



Important Note: The dual-Bluetooth module firmware cannot be upgraded with the single-Bluetooth module firmware, and vice versa. Doing so may cause the Bluetooth function to fail or result in other malfunctions.

Wiring connection diagram:



Specification

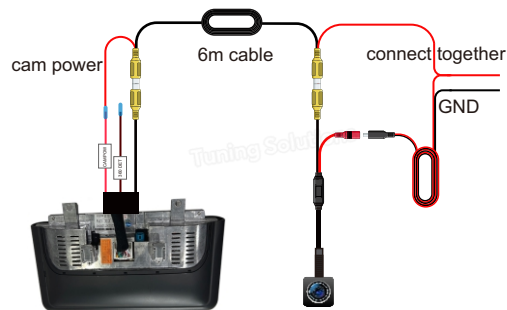
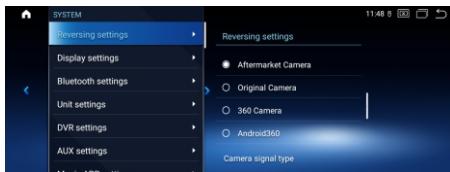
Technical	
CPU	Snapdragon 680 (Sm6225)
CPU cores	8 core Kryo 260 ,11nm LPP process
Main frequency	2GHz +1.8GHz
Android	14
Resolution	1920*720 (can support 1920*720)
RAM/ROM	8GB+128GB
Audio output	1 channel analog stereo audio output;2 channel I2S
Video input	1 channel MIPI-DSI, 4 Lanes (Max. 2520*1080@60fps)
Mechanical	
Operating temperature	-30°C~+75°C
Storage temperature	-40°C~+85°C
Operating humidity	45%~80%RH
Storage humidity	30%~90%RH

FAQ 1.Q: How can I connect reverse camera?

A: Refer to the following steps to connect.

Automatic transmission

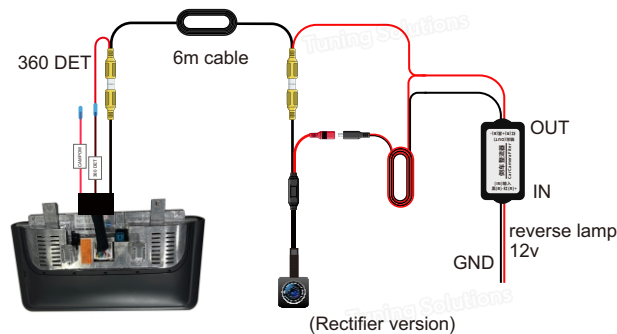
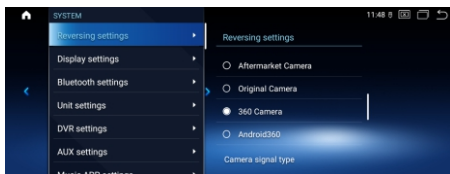
- 1 Select the rear camera in the camera setting
- 2 Connect the pink wire (cam power) to the camera
- 3 Connect the trunk camera power wire together (connect these two red cables together)



Manual transmission

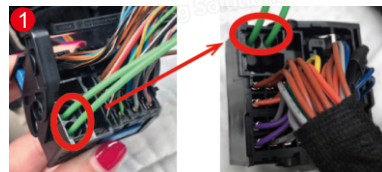
- 1 Select the 360 camera in the camera setting
- 2 Connect the brown wire (360 DET)
- 3 Connect the trunk camera power wire to the reverse lamp 12V (some cars need to connect a rectifier)

The original car that does not display the reverse image should also be connected like this.



2.Q: No sound on Android system, how can I get sound?

- A: 1) Transfer fiber cable.
2) Set AUX on OEM system.
3) If there is still no sound after step1/2, you need to connect an extra AUX cable to get sound.

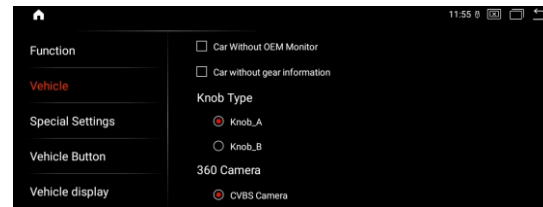
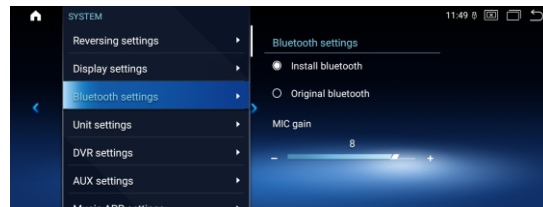


3.Q: I can't connect bluetooth now, but it is OK before.

- A: 1) clear the connection record on your phone and device, then reconnect.
2) change another phone to try.
3) change the setting to 'Adding bluetooth' in factory setting, then reconnect

4.Q: My OEM iDrive can't work on carplay system, what can I do?

A: Select 'iDrive A/B' in factory setting, the password is 1314. After setting, restart. Then it can work normally..



5.Q: All cables are connected well, but 'No signal' or the original system does not display normally.

A: 1) please check if the LVDS is connected well.

2) select the corresponding screen size in factory setting. If your car is CCC with 8.8 inch, select.

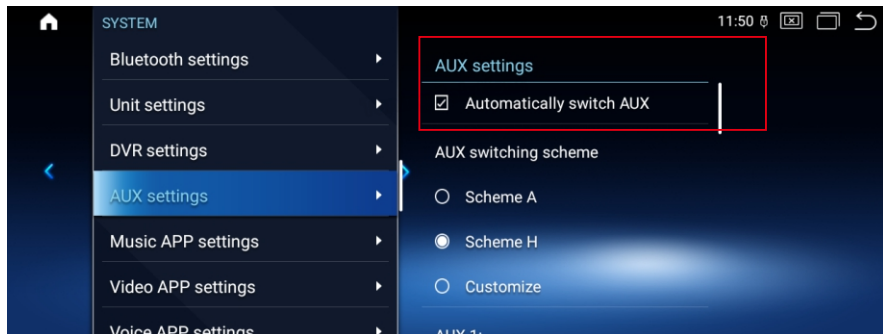
3) then restart, nothing to do with the car model.



6.Q: The sound will switch to my original FM radio automatically when I play music on Android, is there a solution?

A: Set AUX mode to 'Manual switching' in factory setting(the password is 1314).

Do not choose "automatically switch aux", restart the screen to take effect



7.Q: What if there's noise during the call?

A: You can select Whether to use the left front horn in the factory settings. Password: 1314.

