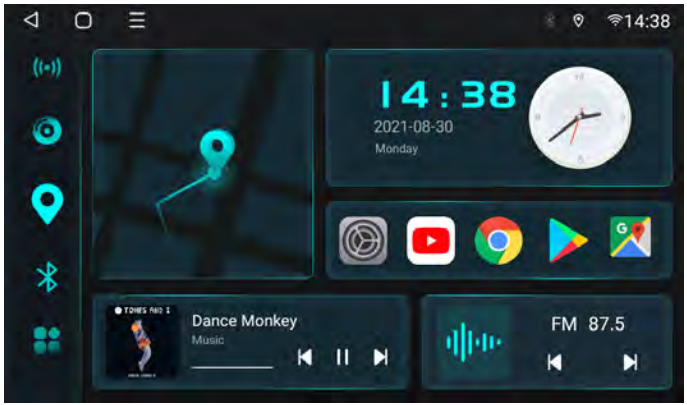
EONON



User Manual

Contents

Precautions 01

Product Overview 02-06

Front Side 02
Wiring Diagram 04
Accessories 05
Installation Steps 06

Product Features 07-35

Home Screen 07
Bluetooth 09
Radio 16
CarPlay 18
Android Auto 20
Split-screen Multitasking 22
GPS Navigation 23
Wi-Fi 25
Music 26
Video 27
Picture 28
Audio Settings 29
OBD-II 30
File Browser 32
APP Installation 33
LCD Screen Usage 34
GPS Antenna Installation 35

Settings 36-44

Specifications 45

FAQ 46-48

Precautions

- Please seek professional help. Installation or servicing of this product by persons without training and experience in electronic equipment and automotive accessories may be dangerous and could expose you to the risk of electric shock, injury or other hazards.
- This product is only suitable for vehicles with 12V DC Power system. Do not install it on vehicles whose power supply is not 12V DC, or it may damage the product or cause a fire due to overvoltage.
- Do not allow this product to come into contact with liquids. Otherwise it may result in electrical shock or product damage.
- Please turn off the car and disconnect the positive battery terminal before installation to prevent product damage or fires caused by short circuits.
- All wires should be insulated after installation to prevent product damage or fires caused by short circuits.
- Please do not use the car audio after the engine is turned off for a long time, or it will drain the battery power.
- If this product is exposed to water damage or foreign matter is discovered in the product while you're driving, please park your vehicle in a safe place, turn off the ignition switch(ACC OFF) immediately and consult your dealer or Eonon customer service. Do not use this product in this condition because doing so may result in a fire, electric shock, or other failure.
- If smoke, strange noises or unusual odors occur during normal use, or any other abnormal signs appear on the LCD screen, please turn off the power immediately and consult your dealer or Eonon customer service. Do not use this product in this condition because doing so may result in a fire, electric shock, or other failure.
- Do not disassemble or modify this product. For interior inspection, adjustment or maintenance, please consult your dealer or Eonon customer service.
- Please use this product in accordance with traffic laws.
- Keep this manual handy as a reference for operating procedures and safety information.
- We reserve the right of final explanation.

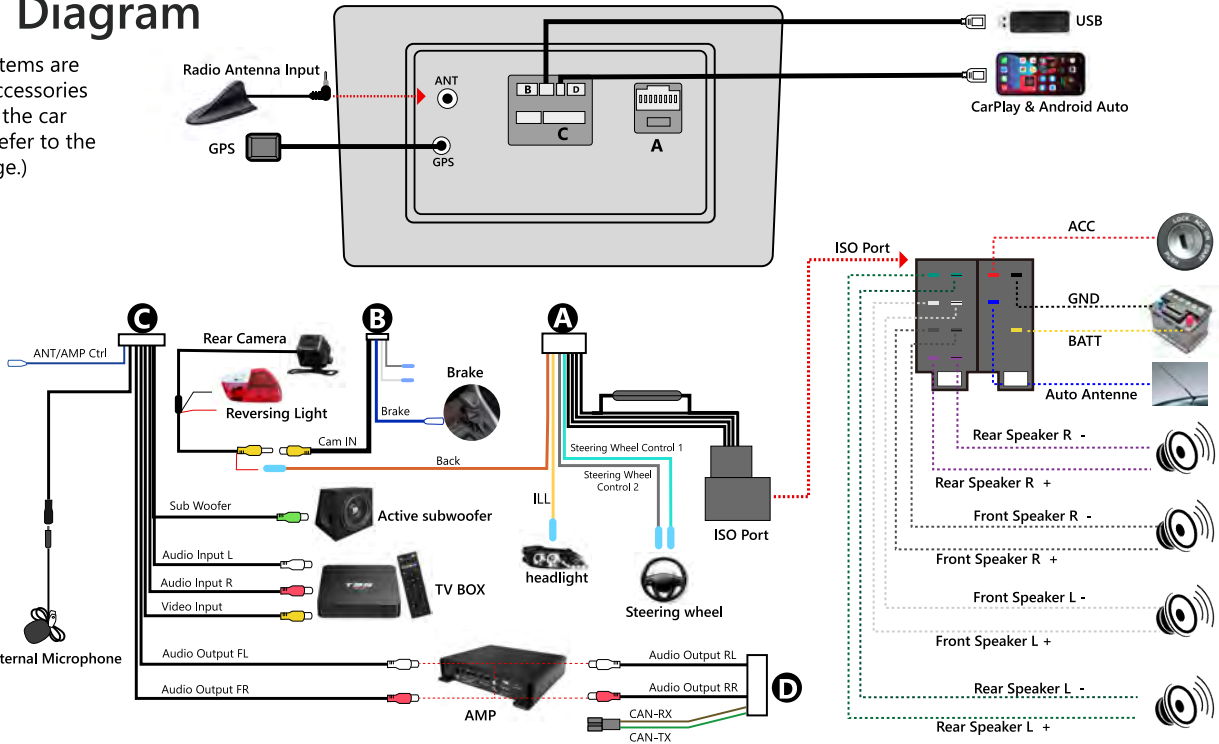
Front Side

1
2
3
4
5
6
7
8
9
10
11
MIC
RST
14:38
14:38
2021-08-30
Monday
Dance Monkey
Music
FM 87.5

1. Press to go back to the previous page
2. Press to go to Home Screen, press and hold to launch Google Assistant
3. Press to view recently used apps
4. Apps button
5. Built-in microphone
6. Reset button
7. Press to mute, press and hold to power on/off
8. Press to go to Home Screen
9. Return
10. Press to increase the volume by one, long-press to increase the volume incrementally
11. Press to decrease the volume by one, long-press to decrease the volume continuously

Wiring Diagram

(Not all below items are included. For accessories that come with the car stereo, please refer to the Accessories page.)



Accessories

GPS Antenna *1

Power Cable *1

Audio Video
Adapter Cable *1

Audio Adapter Cable *1

Backup Camera
Video Input Cable *1

USB Adapter Cable *1

CarPlay & Android Auto
USB Adapter Cable *1

External Microphone *1

Screw *8

Screw *6

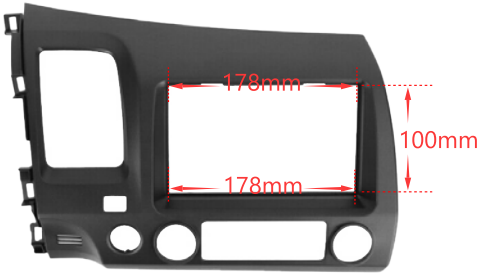
10A Fuse *1

User Manual *1

Installation Steps

1. Please purchase a 10.1-inch installation kit which fits your car. Please note that the kit must match the size of the car stereo as well. The picture below is for your reference:

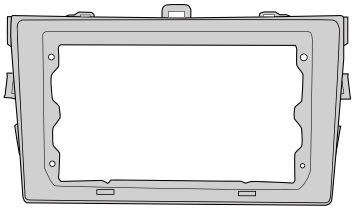
Suitable



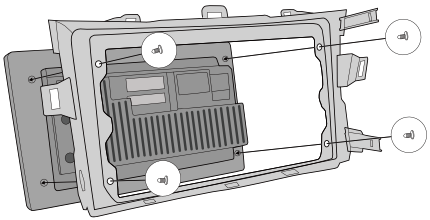
Not suitable

2. Place the car stereo into the dash kit and secure it with four screws at the back.

+



=

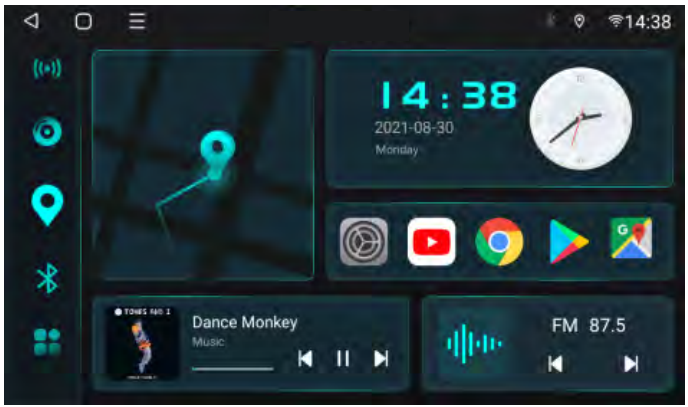


Home Screen

Home Screen and All Apps Menu

The home screen is the starting point to access all of the features on your phone. It displays application shortcuts, icons, widgets, and other features.

Click to select the style of your home screen.



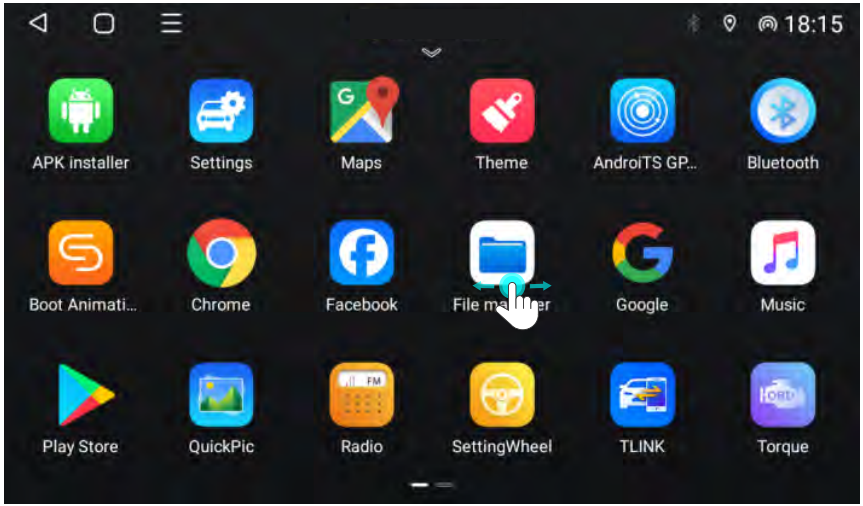
The All Apps Menu shows all applications, including icons for newly installed applications.

1. Swipe up from the bottom of the home screen, or tap to access the All Apps menu. To return to the home screen, swipe down on the All Apps menu, or tap the home button or return button . On the App Apps menu, swipe left to turn pages.

2. On the home screen, long-press any app to replace it with another app.

All Apps Menu

Long-press an app for two seconds and drag to change its position.



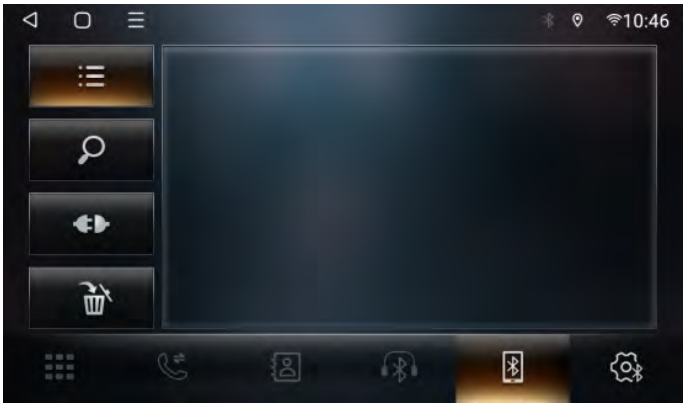
Bluetooth

Note: This product only supports calls via Bluetooth and Bluetooth music by connecting the Bluetooth on your phone. It supports Bluetooth OBD-II (EONON V0056). Other Bluetooth devices are not supported.

CAUTION: For your safety, please avoid talking on the phone as much as possible while driving.

Click or to display the Bluetooth menu.

1. Click to access the Bluetooth connection menu.



[ ] Bluetooth devices that have been successfully paired will be listed here

[ ] Find Bluetooth devices

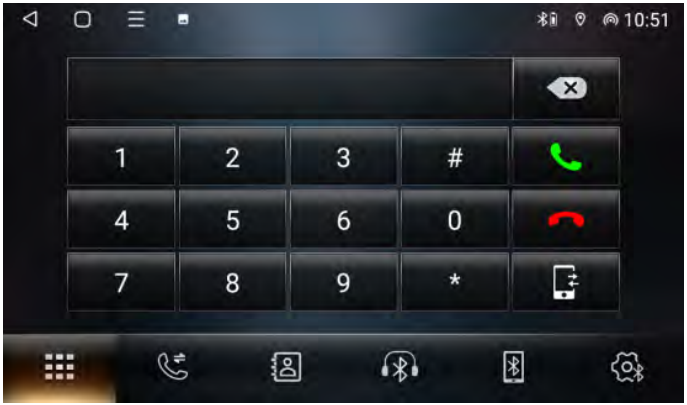
[ ] Disconnect Bluetooth connection

[ ] Click to delete the Bluetooth devices in the list

Note:

- The operation of different mobile phone types may differ. For detailed instructions, please refer to the user manual of your phone.
- It is not guaranteed that all mobile phones with Bluetooth wireless technology can be connected.
- The distance between this product and your phone must be less than 5 meters when using Bluetooth.

2. Click to access the dial pad.



[ ] Dial pad

[ ] Delete

[ ] Make a call

[ ] End a call

[ ] Answer calls via car stereo /mobile phone

Note:

- You may hear noises in the following situations:
  - When you press the button on the phone to answer a call.
  - When the person on the other end of the line hangs up the phone.
- If the person on the other end of the line cannot hear the conversation due to an echo, please turn down the volume for hands-free calling.

3. Click to access phonebook.

[ ] Contact list

[ ] Add a contact to the Favorites list

[ ] Contacts that you add to the Favorites list

[ ] Synchronize contacts

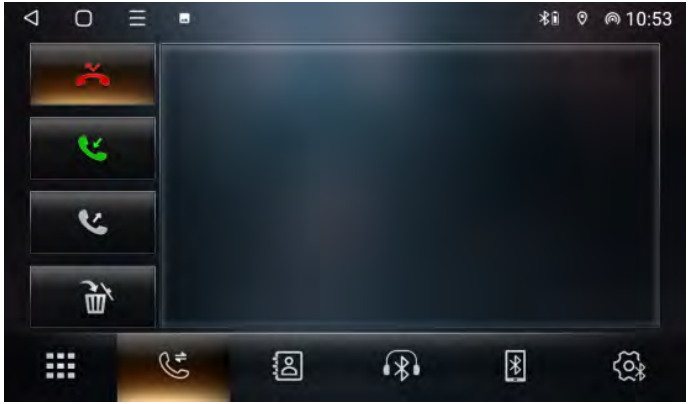
[ ] Delete all contacts

Enter a name or phone number in the search bar to search the corresponding contact.

Note:

- Please ensure that sharing contacts via Bluetooth is enabled before synchronizing contacts.
- Pictures or special characters will not be displayed.

4. Click to access call history.



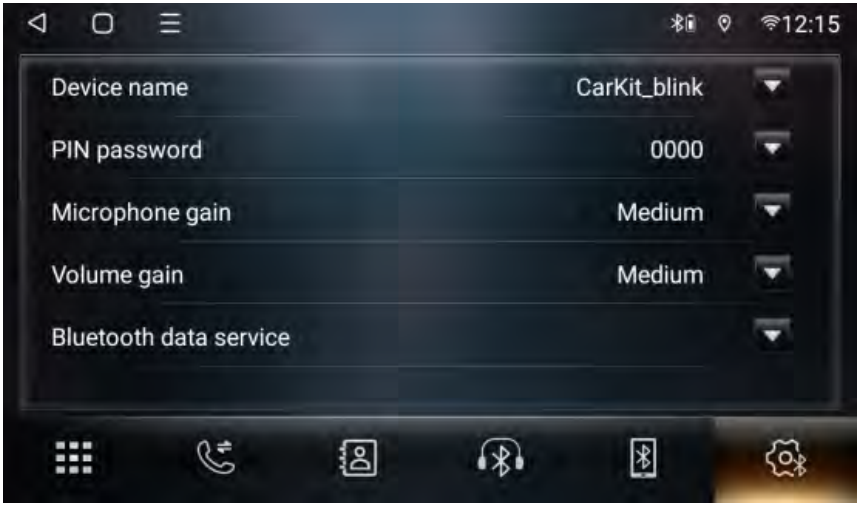
[ ] Missed calls

[ ] Received calls

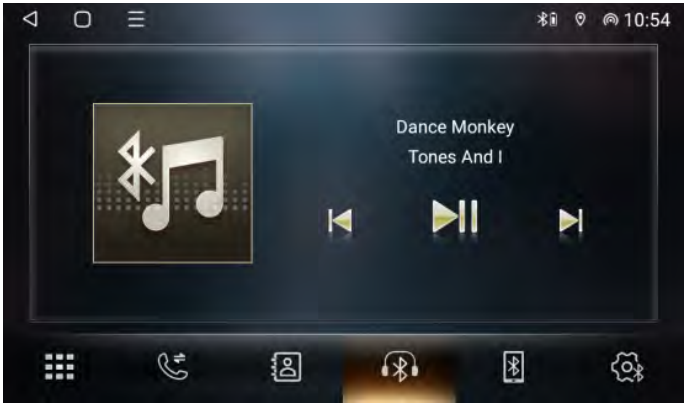
[ ] Dialed calls

[ ] Delete call history

5. Click to access Bluetooth settings. You can set up device name, pin number, microphone gain, volume gain and Bluetooth data service here.



6.Click to access Bluetooth music.



[ ] Previous

[ ] Play/Pause

[ ] Next

Note:

- Resume playback is not supported as the music Bluetooth device plays is not from the head unit.
- Please avoid using your phone as much as possible when you're playing music via Bluetooth. Or noises may occur when the music is playing.
- The music may stop playing during a Bluetooth call.

Radio

Please set the time zone for the radio after installing this product:
Setting —> Factory —> Password: 123456—> Select radio region —>Select your region

Click to turn on the radio.

[ ] Automatically search and save radio stations. Click to start searching for radio stations automatically from the lowest frequency to the highest frequency. Click again to stop searching.

[ ] LOC/DX switch. It's in LOC mode when the radio displays "LOC", meaning only radio signals within a short distance can be received.

[ ] Switch to the previous radio station.

[ ] Switch to the next radio station.

[ ] Press once to lower the frequency by one.

[ ] Press once to increase the frequency by one.

[REG] Turn on REG function to prevent the car stereo from switching to alternative frequencies that are transmitting different programme content.

[TA] Click to listen to traffic report.

[BAND] FM1/FM2/AM switch

[ ] Sound effects

[ ] Radio setting/Channel setting

[3 87.50 MHz] Prestored radio stations.
A total of 36(18 FM, 18AM) radio stations can be prestored. Press and hold the prestored radio button for 2 seconds to store the current radio station in the corresponding position.

[RDS] RDS settings

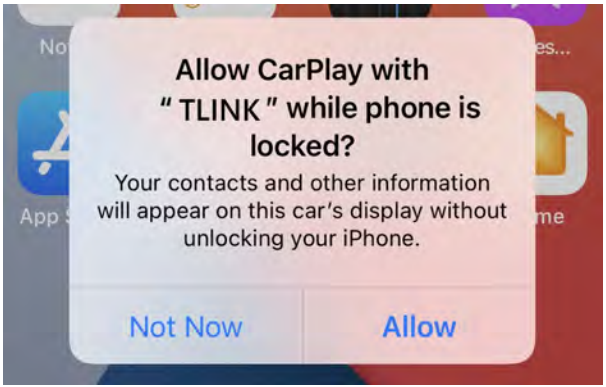
[AF] Alternative frequency. Click to automatically switch to another station with the same program from the current station to ensure the playback continuity when the signal is weak.

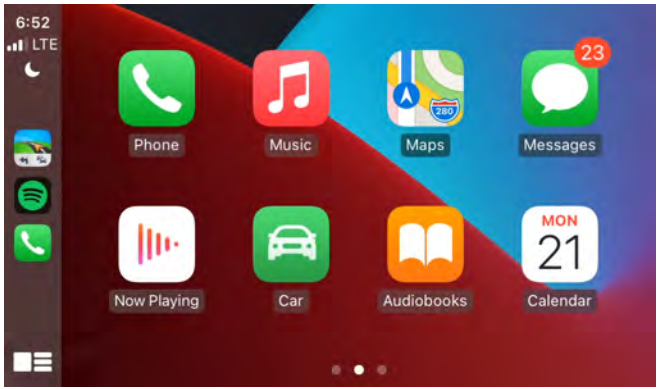
[PTY] Program type. Click to choose program type, such as news, music, politics and technology etc.

CarPlay

Wired CarPlay setup steps:

1. Click to turn on the TLINK APP on the head unit.
2. Connect the USB cable of your iPhone to the USB cable labeled “CarPlay/Android Auto” of the head unit.
3. Tap Allow on the prompt asking for CarPlay to access your phone while it is locked (as shown in picture 1).

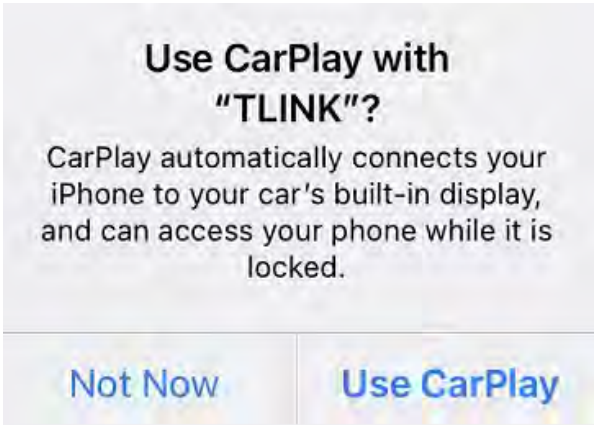




Note: Please be sure to use the USB cable labeled “CarPlay/Android Auto”, or Apple CarPlay will not be available.

Wireless CarPlay setup steps:

1. Turn on WiFi and Bluetooth of your iPhone.
2. Find Bluetooth of the head unit (Bluetooth name: CarKit_blink; password: 0000) and connect to it.
3. Tap Use CarPlay on the prompt asking for CarPlay to access your phone while it is locked (as shown in picture 1).

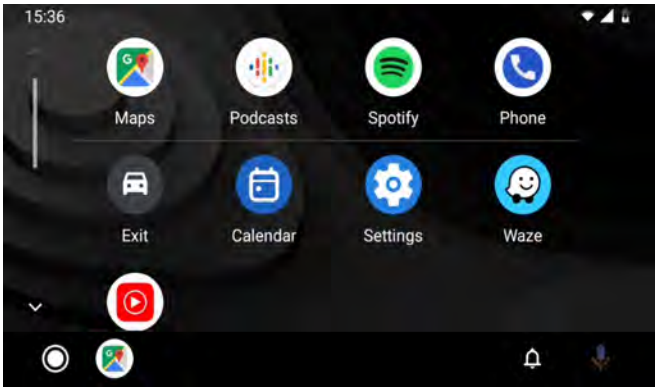


Note: Please do not connect to Bluetooth manually after accessing CarPlay. If you want to use Bluetooth, please click on the WiFi icon to disconnect CarPlay first (as shown in picture 2).

Android Auto

Wired Android Auto setup steps:

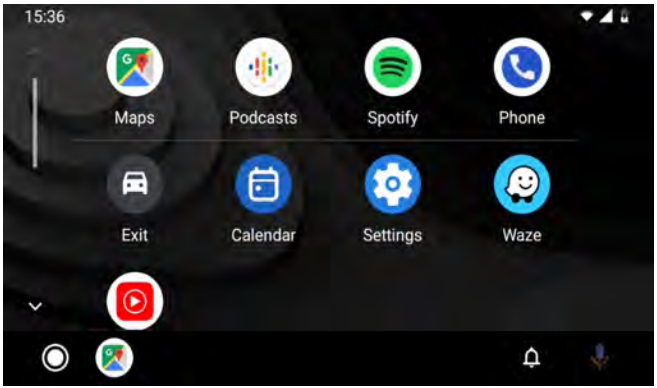
1. Go to the Play Store and download the Android Auto App on your phone (as shown in picture 1).
2. Click to turn on the TLINK APP on the head unit.
3. Connect the USB cable of your phone to the USB cable labeled “CarPlay/Android Auto” of the head unit.



Note: 1. Please make sure that your phone supports Google services and Android Auto.
2. Please be sure to use the USB cable labeled “CarPlay/Android Auto”, or Android Auto will not be available.

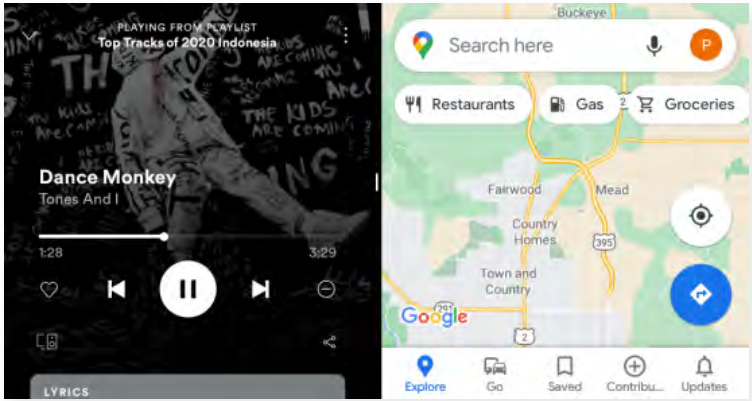
Wireless Android Auto setup steps:

1. Go to the Play Store and download the Android Auto App on your phone (as shown in picture 1).
2. Turn on WiFi and Bluetooth of your iPhone.
3. Find Bluetooth of the head unit (Bluetooth name: CarKit_blink; password: 0000) and connect to it.
4. It will turn on TLINK APP automatically and enter Android Auto after connecting the Bluetooth successfully.



Note: Please make sure that your phone supports Google services and wireless Android Auto.

Split-screen Multitasking



Note: Some apps don't support screen multitasking.

Enable split-screen mode:

1. Click ☰ on the status bar to view all running apps, and then select an app.
2. Press and hold the selected app until it shows "drag here to use split screen" on the left.
3. Drag the app to the left.
4. Split screen finished.

Exit split-screen mode:

Touch and hold the split-screen line in the middle, and drag it left or right to exit split-screen mode.

GPS Navigation

How to use GPS Navigation on Eonon Android car stereos?

1. Online map

Google Maps app is preinstalled on Eonon car stereo. You can use online map after connecting the head unit to the network.

2. Offline map

If you are in an area where downloading the data of Google offline map is supported, you can save the map data of that area to the car stereo in Google Map and use it offline. Or you can download other offline map apps in the Google Play such as Here WeGo.

3. Apple CarPlay/Android Auto

For iPhone, the map on the phone can be synchronized to the car stereo screen via Apple CarPlay.

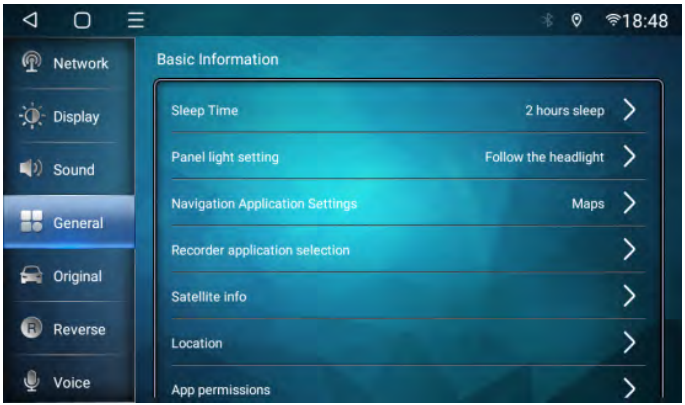
For Android phone, the map on the phone can be synchronized to the car stereo screen via Android Auto.

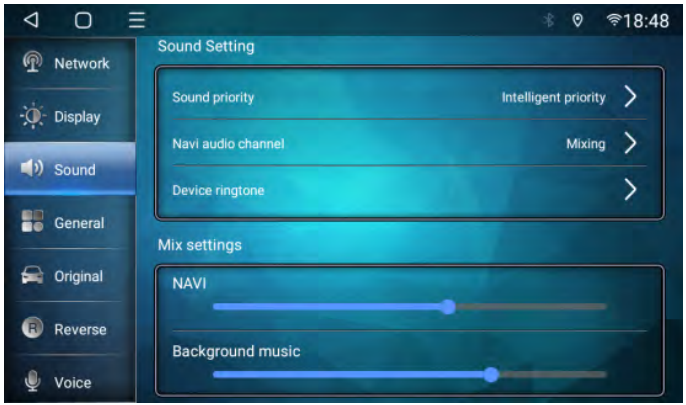
Tips:

- You can also enter Google Play to download other navigation apps like Waze, Sygic, etc.
- Some navigation apps will specify the storage path of map data. Storing map data to an external Micro SD card or a USB flash drive is not supported.

GPS settings

Enter Settings —> General —> Navigation application to select a navigation app as Navigation shortcut.





Enter Settings —> Sound —> Navi audio channel to set up navigation audio channel.

When set to Mixing, you can still listen to radio, music or hear other sounds when the navigation voice is speaking. You can change the volume of radio, music or other sounds by adjusting the value of Mix Settings.

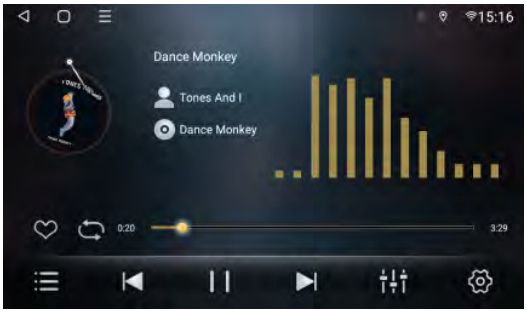
Wi-Fi

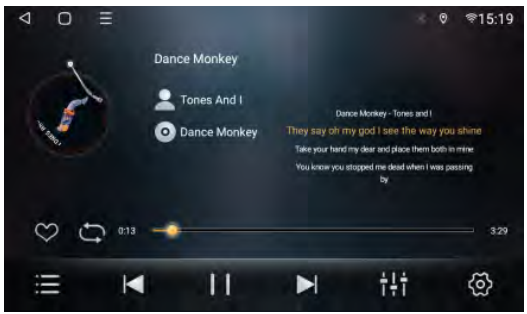
Support connecting to the network via Wi-Fi.

Click and select Network to set up network.

WiFi Settings

Music





You can copy audio files to a Micro SD card or USB flash drive before inserting them into the car stereo, and click to play music.

Song ID feature is available on this car stereo.
Support audio formats like MP3, WMA, WAV, AC3, OGG, FLAC, Web audio, etc.

[ ] Add a song to your Favorites

[ ] Change playback mode

[ ] View all audio files from the Micro SD card or USB flash

[ ] Previous

[ ] Pause/Play

[ ] Next

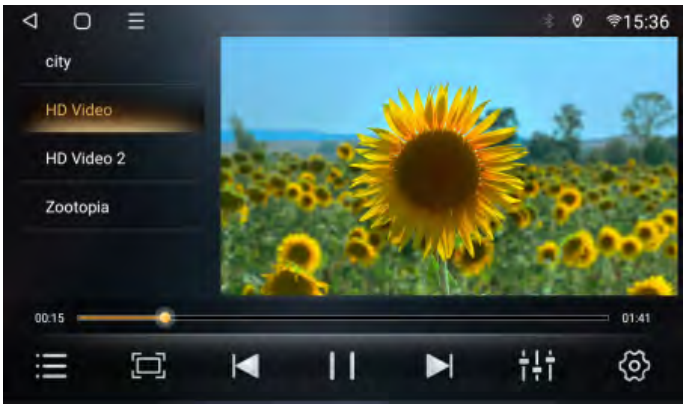
[ ] Sound effects

[ ] Show Lyrics on/off

Video

You can copy video files to a Micro SD card or USB flash drive before inserting them into the car stereo, and click to play videos.

Support video formats like AVI, MKV, MP4, WMV, RMVB, MPG, etc.



[ ] View all video files from the Micro SD card or USB flash

[ ] Full screen

[ ] Previous

[ ] Pause/Play

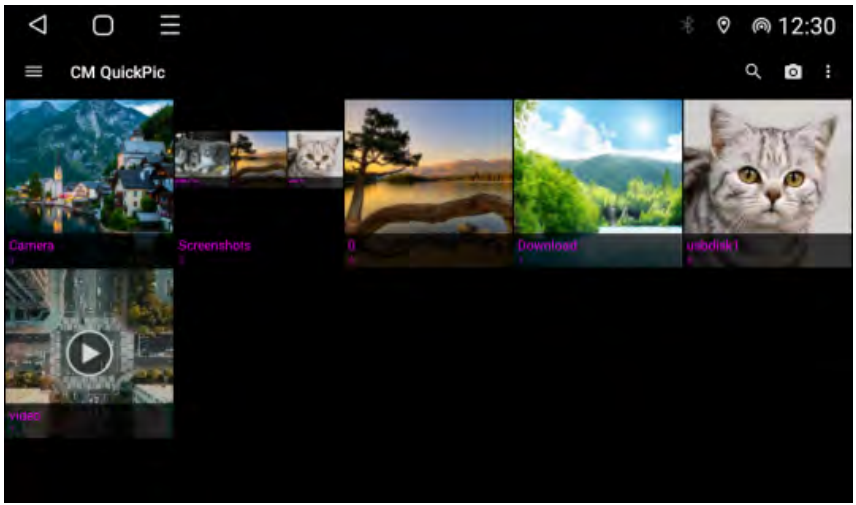
[ ] Next

[ ] Sound effects

[ ] Floating window on/off; Brake setting on/off

Picture

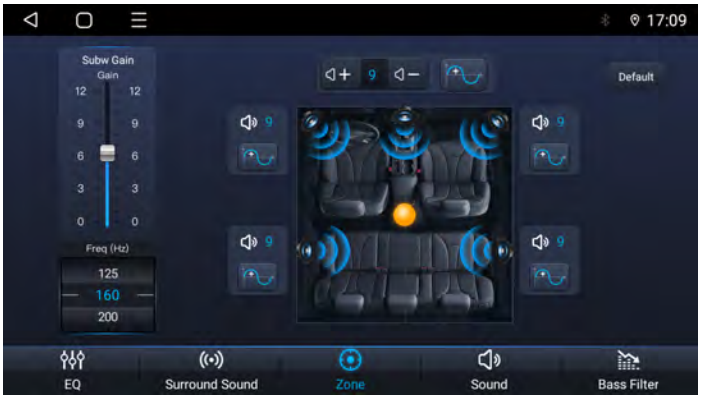
Click to view all the pictures from the internal storage, SD card or USB device.

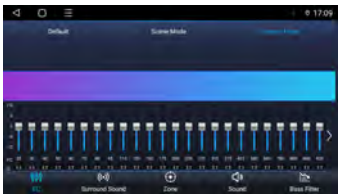


Audio Settings

Click

to access the Audio settings menu and set up settings like sound field effect, EQ modes, etc.





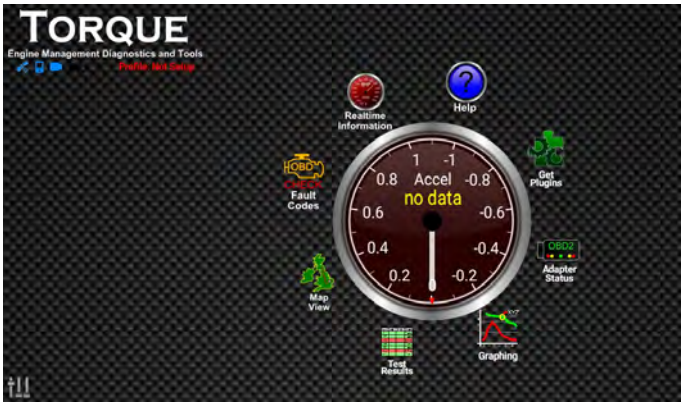
OBD-II

OBD-II(On-Board Diagnostics) is a computer-based self-diagnostic system built into your car which monitors emissions, mileage, speed and more.

Torque is a vehicle / car performance / diagnostics tool and scanner that uses an OBD II Bluetooth adapter to connect to your OBD2 engine management / ECU. You can see what your car is doing in realtime, get OBD fault codes, car performance, sensor data and more.

1.Click

to enter Torque app.



2. Find your vehicle’s diagnostic plug and plug the OBD-II adapter into it. The diagnostic plug is usually under the dashboard on the driver's side, or near the steering wheel or behind the flaps under the steering wheel.

3. Now you need to pair the adapter with the car stereo. Click to turn on Bluetooth of the car stereo and click to access Bluetooth settings, enter Bluetooth data service —>Go —>Pair new device. When the Bluetooth device "OBD II" is displayed in the list, select the device. Enter the pairing code "1234" to complete the pairing.

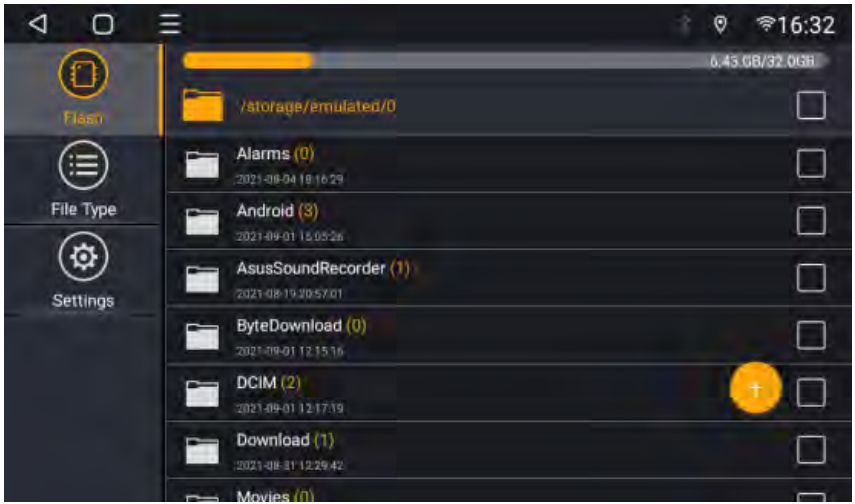
4. Turn on the Torque app, click and set up the Torque as follows: Settings- OBD-II Adapter Settings —>Choose Bluetooth Device —> Select the corresponding OBD-II device.

Note: Some data may not be displayed because the data that different car OBD-II ports support is different.

File Browser

You can view, copy, paste, or delete files in the memory/SD card/USB flash drive through the File Browser.

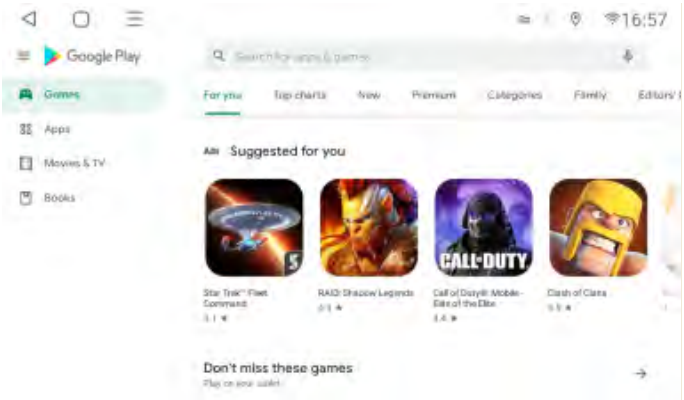
Click to access File Browser.



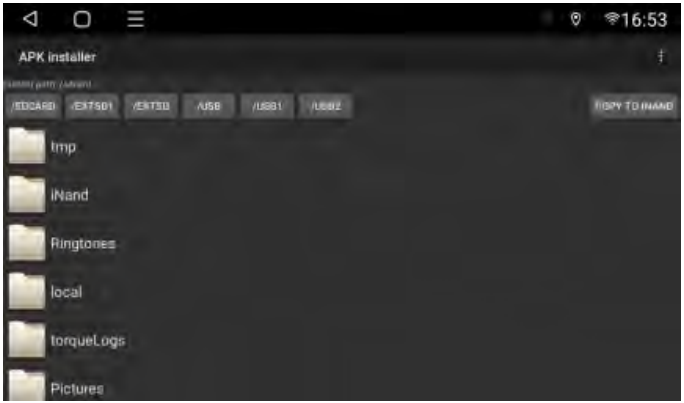
APP Installation

This product supports the installation of various applications, but there is no guarantee that all applications will be compatible.

You can install an app via the following methods:



Download it from the Google Play Store.



Download the apk file for an app to the car stereo's memory storage/SD card/USB flash drive and install it on the car stereo via Apk Installer.

LCD Screen Usage

Screen cleaning:

1. Please turn off the power and wipe the screen gently with a soft cloth. When you wipe the screen, please avoid scratching the screen with your fingernails.

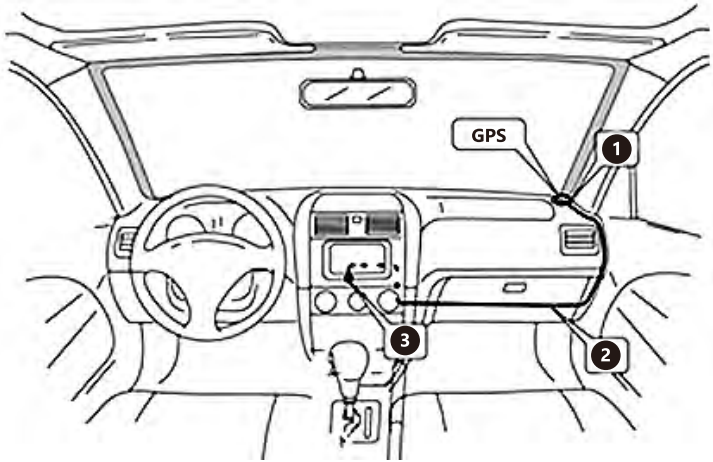
2. Do not use wet cloth, volatile oil or diluter to clean the screen.

Note:

- Sometimes there are small black dots or flashing dots(bright spots) on the LCD screen. This is typical LCD phenomenon and not a symptom of any defect or failure.
- When used in a cold place, the screen may be dark after powering on. After a while, normal brightness will be restored.
- Screen reflection may occur when the sun shines directly on the screen. Anti-glare cover or film can be purchased to reduce reflections from direct sunlight on the screen.
- Please avoid direct sunlight on the LCD screen when not driving. Prolonged exposure to direct sunlight or high temperatures may cause LCD screen malfunction.
- Do not press hard on the screen to avoid product failure.
- Operating temp range: -20 ℃ to +60 ℃
- Storage temp range: -30 ℃ to +70 ℃

GPS Antenna Installation

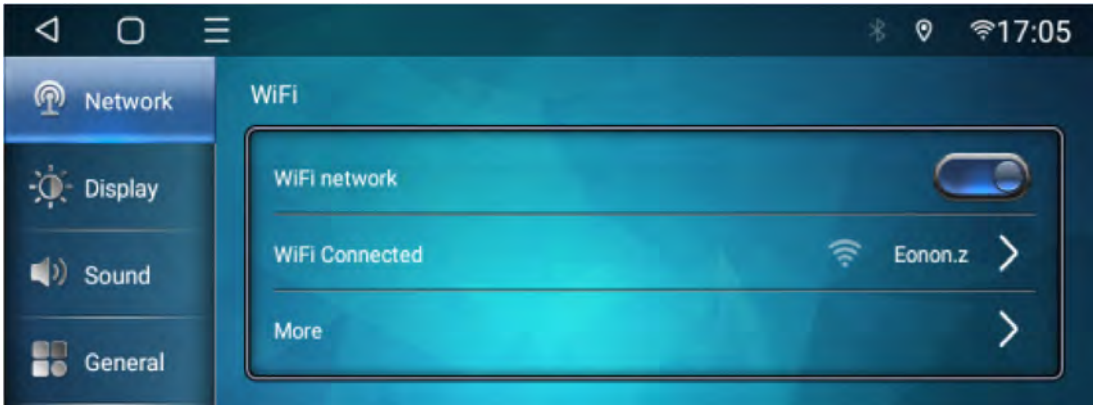
The GPS antenna can be mounted inside or outside the vehicle, such as the dashboard or the roof of vehicle.



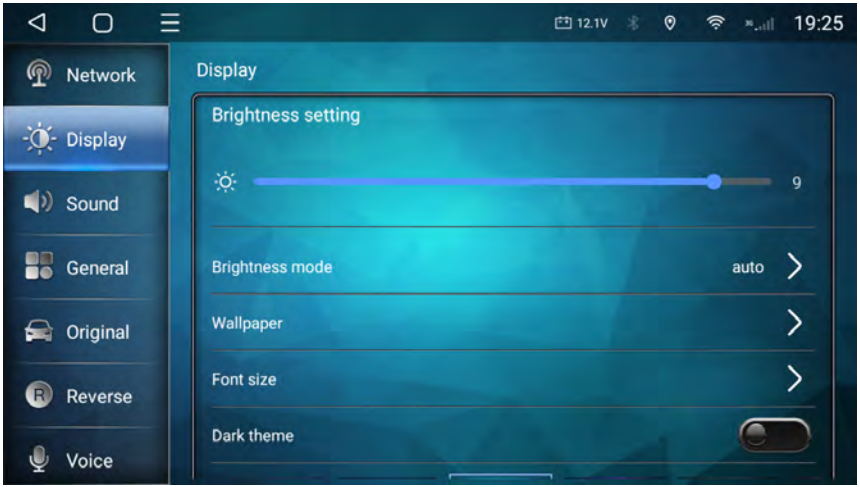
Note:
The GPS antenna must be mounted in an open place. If the windshield is equipped with an explosion-proof membrane or a thermal insulation film, the satellite signal of GPS antenna may be weakened. In this case, it is recommended to install the GPS antenna outside the vehicle.

Settings

Click to access settings.



Display: Display settings



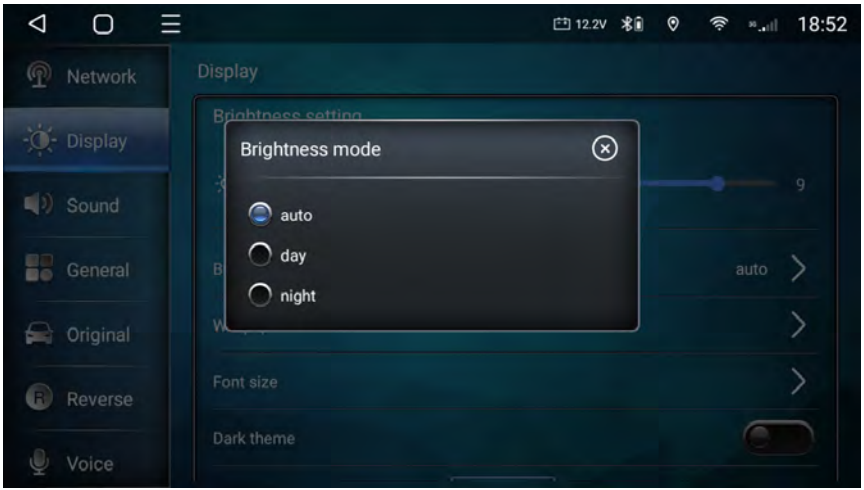
Brightness setting: Adjust screen brightness.

Brightness mode

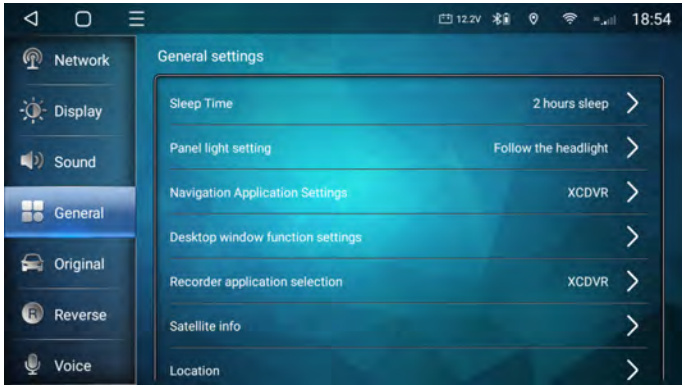
Select [auto], the car stereo will switch between night and day mode depending on whether the car light is turned on or not.

Select [day], the screen brightness stays in day mode.

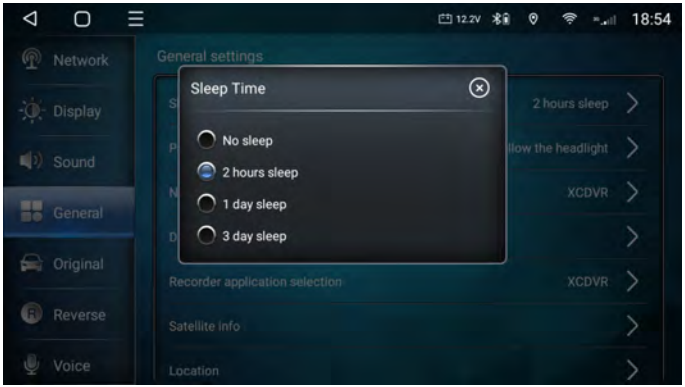
Select [night], the screen brightness stays in night mode.



General: General settings



Sleep Time: Set up the sleep time. You can turn on the car stereo quickly once connected to power supply during the sleep time, without restarting the car stereo.

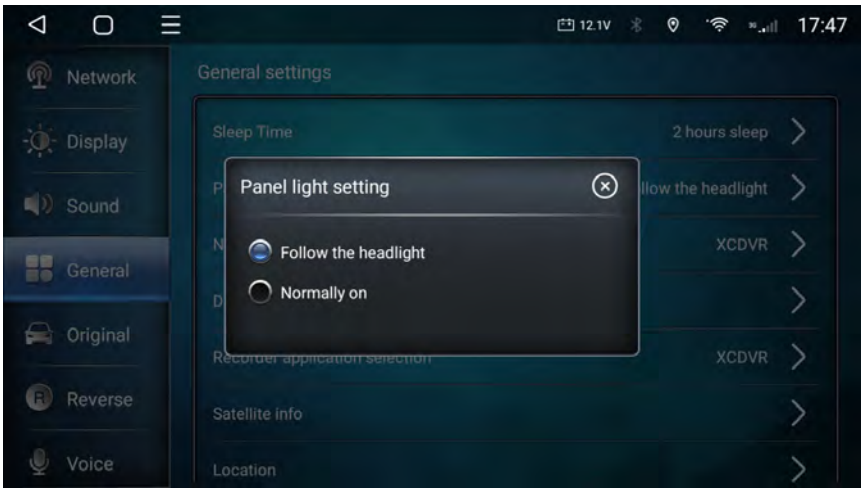


2 Hours sleep: Select [2 hours sleep], the car stereo will enter a sleep state. You can turn on the car stereo quickly if it is connected to power supply within 2 hours. The head unit will start with a cold start after 2 hours. And the same applies to [1 day sleep] and [3 day sleep].

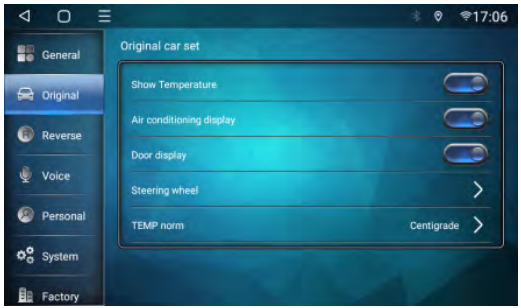
Panel light setting: Set up the panel light.

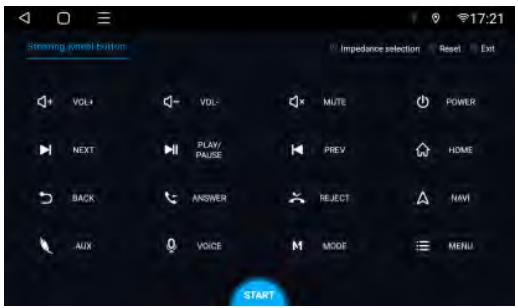
Follow the headlight: The panel light will only light up after the headlight is turned on.

Normally on: The panel light will stay on after turning on the head unit.



Steering wheel settings





Steps:

1. Connect Steering Wheel Control 1\Steering Wheel Control 2\GND wires of the car stereo to your car SWC wires.

2. Click “RESET” and then click “START”

3. Select the button you want to set up.

4. Press and hold the corresponding button that needs to be set on the steering wheel. It’s set up successfully when a blue tick appears.

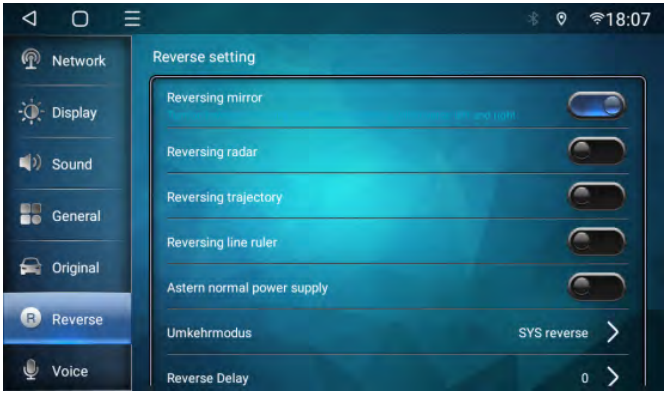
5. Repeat 3-4 times to complete the settings of all buttons.

6. Click “END”.

Note:

The steering wheel control function of Eonon universal 2 din car stereo is controlled by analog signal. If your car is controlled by the digital signal, you need to purchase a steering wheel control adapter cable to transfer the digital signal to analog signal.

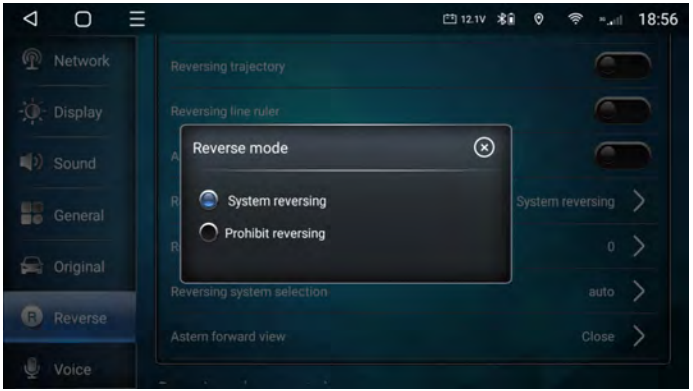
Reverse settings



Reversing mirror: Select [on], images on the screen are displayed as mirror-reversed while reversing.

Reversing line ruler: Select [on], it will display the parking assist guidelines while reversing.

Reverse Delay: Set up the delay time for entering the reverse mode. For example, when set to [1 second], the car stereo will not enter the reverse mode until the car has reversed for 1 second.



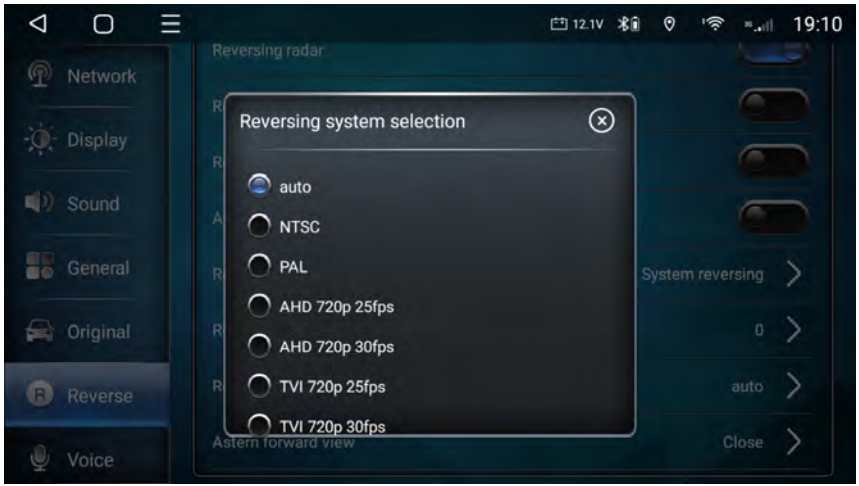
Reverse mode

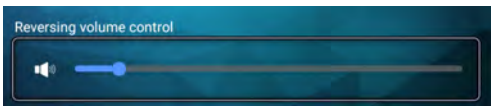
Select [System reversing], the car stereo will enter reverse mode when reversing.

Select [Prohibit reversing], the car stereo will not enter reverse mode when reversing.

Reversing system selection

Select [auto], it will automatically recognize the format of the backup camera. If it can't recognize the format of the backup camera, please set up the format manually. For example, if you use a 720P\25fps AHD camera, please select [AHD 720p 25fps].

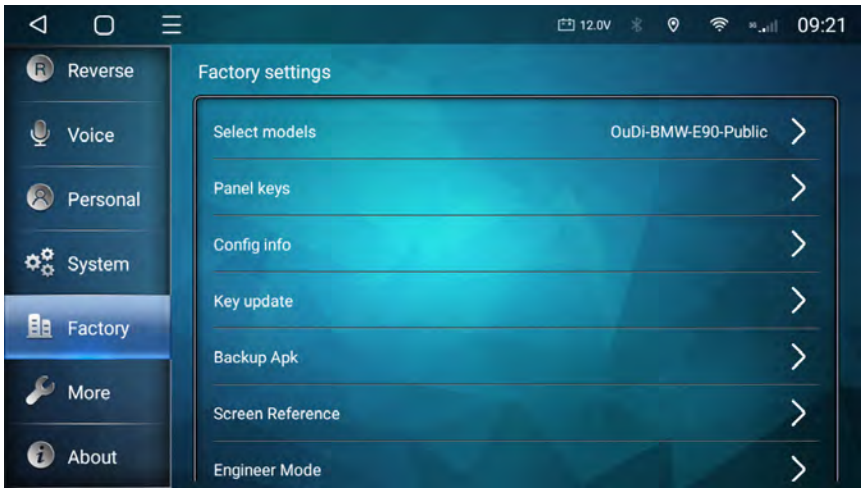




Reversing volume control: Set up the volume of radio, music or other sounds when reversing.

Factory settings

The password of factory setting is [123456]. Factory settings are for configuration during the manufacturing process. Please do not change them arbitrarily, or the car stereo may not work properly.



Specifications

Operating Voltage	DC12V
Maximum Operating Current	≤10A
Operating Temp	-20℃ + 60℃
Storage Temp	-30℃ + 70℃
Operating Humidity	45% - 80%(Relative humidity)
Storage Humidity	39% - 80%(Relative humidity)

Wi-Fi Specifications	
Voltage Support	Vcc_3.3V
Support Standard	IEEE802.11B/g/n compatible WLAN
Interface Type	USB 2.0
Frequency Range	2.4GHz
Modulation	OFDM/DBPSK/DQPSK/CCK

Video Formats	Support AVI, MKV, MP4, WMV, RMVB, MPG...all Android videos formats, Web video and 1080P video.
Audio Formats	Support MP3, WMA, WAV, AC3, OGG, FLAC, Web audio, etc.
Picture Formats	Support JPEG, BMP, PNG, TIFF, etc.

FAQ

Blank screen/Can't power on:

1. Please press the RST button of the car stereo.
2. Please check if the car stereo has stable DC12V voltage?
3. Please check if the car stereo fuse is burnt out?
4. Please reconnect the BATT+/ACC/GND wires of the car stereo to the BATT+/ACC/GND wires of the original car.

Radio is not working properly:

1. Please check if the radio area is set correctly.
2. Please check if the radio antenna is connected properly and reconnect it to have a try.
3. Please check if the ANT control cable is connected properly and reconnect it to have a try.

No sound:

1. Please reconnect the 4 sets of speaker output wires in ISO PORT with the interface of the original car speaker.
2. Please make sure that the amplifier control wire (REM) of the original car is properly connected to the amplifier control wire of the car stereo.

Images do not automatically change while reversing:

Please connect the reverse control wire of the car stereo to the backup camera trigger wire.

There is no image while reversing:

Enter Settings—>Reverse—>Reversing system selection to set up the format of the backup camera.

No GPS signal:

1. Please check whether the GPS antenna is connected properly and reconnect it to have a try.
2. Please confirm whether you're in an area where GPS signal is shielded. Please drive for a while to see if the GPS signal is restored.

Android Auto is not working:

1. Please make sure that your phone supports Google services and Android Auto. Please note that some mobile phones don't support Android Auto, and some mobile phones only support wired Android Auto but not wireless Android Auto.
2. If your phone supports Android Auto, please install Android Auto APP from the Play store before using it.
3. To use wired Android Auto, please use the original data cable and connect it to the USB cable labeled "CarPlay/Android Auto" of the head unit.

4. To use wireless Android Auto, please turn on WiFi and Bluetooth of your iPhone and connect your phone's Bluetooth to the head unit's Bluetooth. Please note that you only need to connect Bluetooth but not WiFi.

CarPlay is not working:

1. To use wired CarPlay, please use the original data cable and connect it to the USB cable labeled "CarPlay/Android Auto" of the head unit.
2. To use wireless CarPlay, please turn on WiFi and Bluetooth of your iPhone and connect your phone's Bluetooth to the head unit's Bluetooth. Please note that you only need to connect Bluetooth but not WiFi.

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.

-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 & your body.