

# USER MANUAL

Professional vehicle entertainment multimedia

5PA801551 REV1.0

## Thanks for patronage

Thank you very much for purchasing and using our Car Multimedia System! To ensure you can use this product correctly, please read this user manual carefully before using it and keep it well for your future reference.

## Safety Warning

Laws of some countries prohibit users watching TV or other programs and performing related operations when driving. For your personal safety, please do not watch videos, TV or other related operations while driving.

We don't accept any responsibility for the accidents caused during reversing.

## Warning

1. Do not expose the unit in the damp environment to prevent from fire or electric shock accident.
2. Any change or modification to this unit without the clear prior consent of the authorization party may bring inconvenience to the users.
3. This unit is made of high-precision accessories, do not dismantle the device or modify any accessories inside this device without authorization.
4. Do not touch the display screen with hard objects, so as to avoid scratching the screen.
5. Please don't install this device in these places which block the driver's view or affect driving.
6. To avoid any traffic accidents due to driver's distraction, please don't operate this device while driving, if need to operate it, please park the car in a safety place first.
7. This device fits the cars which have 12V power supply battery system and cathode ground wire, please do not install this device into trucks or buses with 24V battery system.






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### This unit is only applied to the following disc:

Disc Category	Disc Symbol	Disc Indexed content	Disc Size
DVD		Sound and Picture	12cm
VCD		Sound and Picture	12cm
CD		Only Sound	12cm
MP4		Sound and Picture	12cm
MP3		Only Sound	12cm

	Region Code and Video Output Format		Sound Track Quality
	Dolby Digital Stereophonic System		Subtitles
	DTS Digital Theater System		Hide Subtitles
	5.1 track audio		Angle
	Video Mode		Restricted
	Two Channels Stereo		

### Features of DVD Disc

Different DVD Discs contains different feature combinations, the kind of difference is mainly caused by design coding division and manufacturer of DVD Disc, the icons above represent some features of DVD discs. Note: Certain functions of this device need to be supported by DVD disc. If the disc doesn't support these functions or a special setting is required, the functions may not be usable, please check these functions before playing the disc or follow the tips displayed on the screen. If the disc is polluted or damaged, sound skipping may occur. To optimize the sound affect, do the following:

Hold the disc by its edge to keep it clean.



Never place the disc in direct sunlight or near heat sources such as warm air pipes. Do not keep the disc in cars when the temperature is excessively high.



Avoid using discs with a label as viscose glue is left on the disc when the label is removed.



Use a soft cloth to clean the disc from the center to the edge.



Never use discs contaminated by viscose glue or ink.



### Radio functions

- ◆ 30 storage radio stations (FM 3\*6, AM 2\*6).
- ◆ Automatic, semi-automatic and manual search, preset memory radio stations.

### Aux input, output, amplifier and other functions

- ◆ AUX input \* 1
- ◆ rear-view camera input \* 1
- ◆ two-channels' amplifier output, which can be directly speaker.
- ◆ 2+1 channel audio output.
- ◆ 4 channels amplifier output.

### TV functions (optional)

- ◆ Digital TV (DTV)


### Supported media formats for DISC

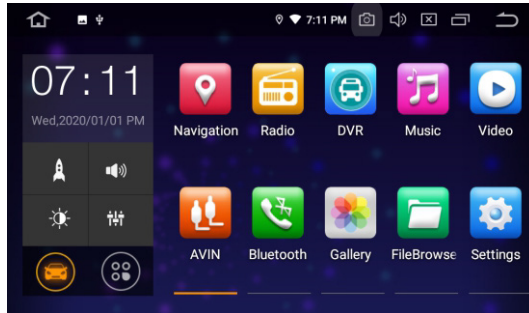
- ◆ Compatible with DVD-R, DVD-RW, DVD+R, DVD+RW, CD-R, CD-RW CD-DA, MP3, WMA, SVCD, VCD and MPEG1, MPEG2, MPEG4, JPEG format discs.

### Supported media formats for USB/SD

- ◆ Compatible with Mp3, WMA, WAV, AST, AVI, MP4, MPEG1, MPEG2, MPEG4, JPEG, FLAC, RMVB format.
- ◆ Supports SD port and USB port.

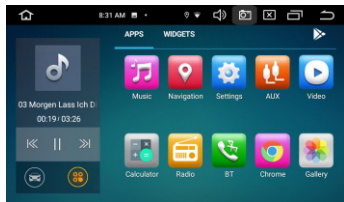
### Main Menu

This car multimedia provides DVD ( optional ) , Radio, mobile digital TV, DVR, internet, bluetooth, movie, music, navigation, extra audio and video functions. click main interface left bottom icon  to enter the main menu interface as below picture:



Main Functions:

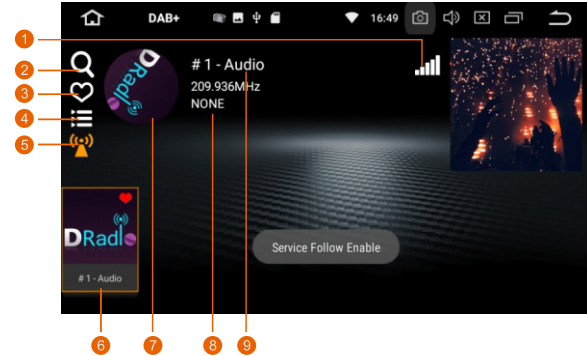
- |        |                |                 |               |
|--------|----------------|-----------------|---------------|
| 1.DVD  | 4.Radio        | 7.Video player  | 10.FileBrowse |
| 2.AVIN | 5.Navigation   | 8.APK installer | 11.DVR        |
| 3.BT   | 6.Audio player | 9.Setting       |               |



### DAB+ (Optional)

With use of a DAB+ Box (sold separately), DAB+ (Digital audio broadcasting) tuner lets you enjoy the convenience of digital radio, while Auto DAB+ Tuning makes sure there are less signal interruptions. DAB+ digital radio brings you high-detail, digital -quality sound with lots of stations, program information and more.

The DAB antenna (sold separately) needs to be positioned on the windscreen of your vehicle.

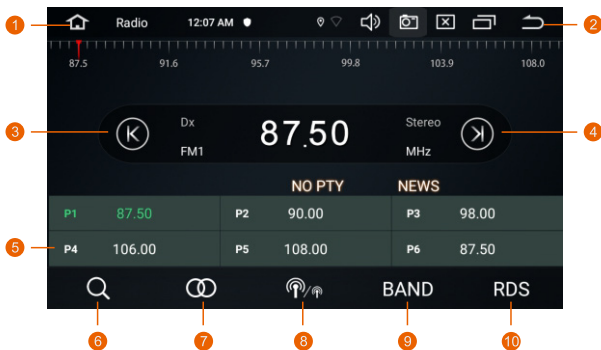


1. Signal display
2. Full band search
3. Favorite Radio Station
4. Program list
5. Service follow
6. Station display
7. Station image display
8. Program type display
9. Station name

### Radio

Click the Radio icon to enter the following radio menu

1. Return to homepage, the radio function will keep running in backstage.
2. Return and exit radio function.
3. Manually search the previous radio station.
4. Manually search the next radio station.
5. Search and saved radio stations.
6. Automatically search radio stations, it can be stopped when click it again.
7. Click this "St" icon to turn on/off stereo effect.
8. After turn on this "LOC" function, it will search local strong signal radio station.
9. Band.
10. AF/TA/PTY/RDS(turn on AF icon to search RDS radio stations)



**NOTE:** For some cars, the factory radio antenna need to be connected with +12V power, please make sure it is connected correctly, if NO 12V+ power to the radio antenna, you will get a poor radio reception

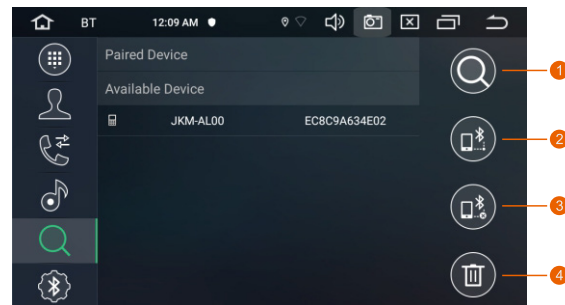
### Bluetooth

Bluetooth for Hands-free and BT-Music. Built-in Microphone, support A2DP BT-Music, Phone Book and Search.

Click Bluetooth icon on the system main menu or press Bluetooth button on the panel can enter the Bluetooth mode, after paired successfully, all the icon in the interface will be lit and also appear icon on the top of interface.

#### Bluetooth Devices List

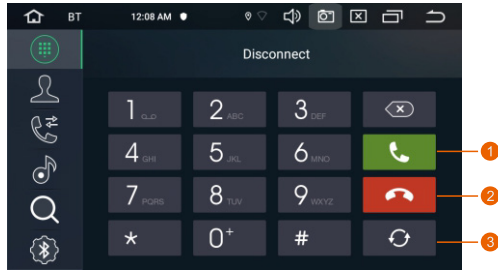
1. Search for Bluetooth devices that can be paired
2. Disconnect paired Bluetooth devices
3. Start to selected Bluetooth device pairing
4. Delete paired Bluetooth devices



### ●Bluetooth Phone Calls

Enter the number to make a call. You can also choose a contact from the phone book to make a call.

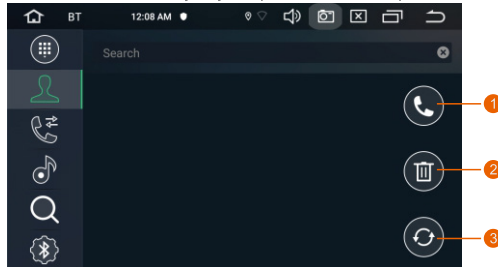
1. Entering the phone number, click this icon to make a call.
2. Hang up the phone.
3. Voice Switch icon for converting the other person's voice from the car speakers to the phone, or from the phone to the car speakers.



### ●Bluetooth Phone Book

Tap to synchronize the contacts from your Bluetooth device.

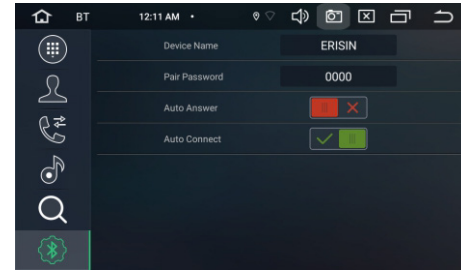
1. Touch this icon to do a quick search by selecting initial of the contact you want to call.
2. The icon to delete the phone.
3. Touch this icon to sync your mobile phone contacts. (Some phone models require the approval of the device to sync your phone contacts, press "YES" on the phone



then our device will download the contacts from your phone. )

### ●Bluetooth Settings

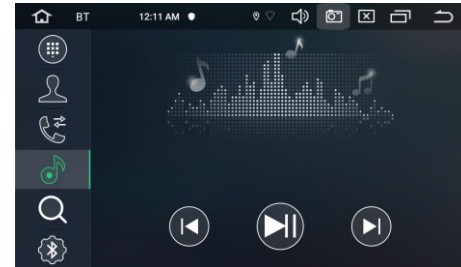
1. You can change the Device Name of this unit. Tap CAR-KIT to enter a different name.
2. You can change the PIN Number ( Bluetooth pairing password ). The default password is 0000. Enter another four-digit number and then tap Done to set a new password.
3. You can turn AutoAnswer / AutoConnect on or off.



### ●Bluetooth Music

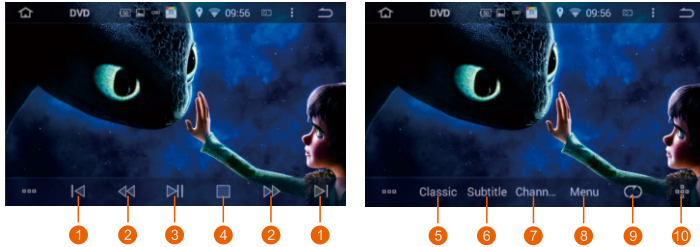
Click the Bluetooth music app "BT-Music", then you will be able to control the original music player on your phone. You can also control the music playing by steering wheel control.

Note: This Bluetooth device can not transfer files, only for audio stream transfer.



### CD/DVD(Optional)

In main interface or other modes, put disc into CD/DVD player, it will be inhaled automatically, and will detect, read, play automatically. When playing, click the touch screen, there will be control menu on the bottom, like picture below:

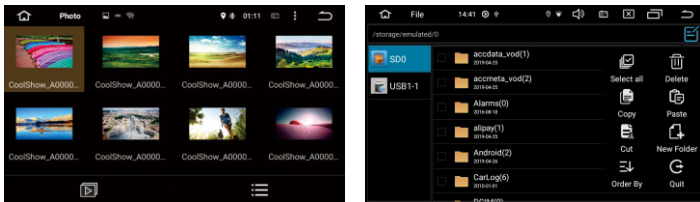


1. Previous / Next Program
2. Fast Rewind / Forward
3. Pause / Play
4. Stop Playback
5. EQ Setup
6. Subtitle

7. Sound Track Switch
8. Menu
9. Repeat play between A-B
10. Composite button: click once-  
direction keyboard; press twice-  
digital small keyboard.

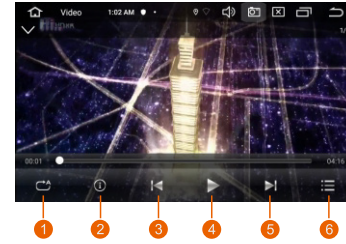
### Photo View

Click Picture/Gallery App icon, you can view all pictures in this unit, also can load pictures in flash/SD/USB, support picture format: JPS, BMP, PNG, GIF etc.



### Video Play

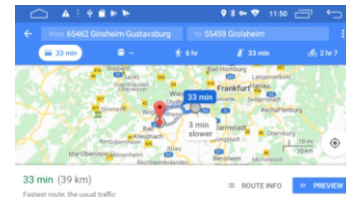
Click Video App icon, you can view all videos in this unit, also can load in flash/SD/USB Support video format: mp4, avi, wmv, rmbv, fiv, mkv, mov, ts, 3pg, mpg, etc. Playing interface like picture below:



1. Play mode(random/order/play/  
repeat, etc.)
2. View the video information
3. Previous video
4. Play/pause
5. Next video
6. Click this icon to check the folder

### Navigation

Support Offline navigation like Sygic, iGO, TomTom , Waze, Here, etc. Support online navigation Google Map, and other Apps you can download from play store. Help you find specific address information and plan your route. User interface varies from different Apps.





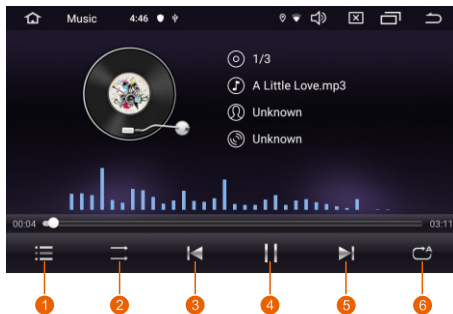
### Music Player

- **Multimedia function For audio files**

Support audio playing formats: mp3, wma, ape, flac, aac, etc.

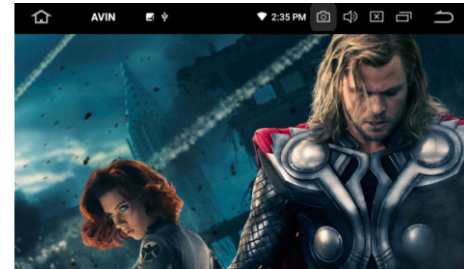
The USB/SD playing menu will be showed as below, touch and drag to the left to check the file listing, touch and drag to the right to check the folder from the device.

1. Click this icon to check the folder
2. Play mode(random/order)
3. Previous video
4. Play/pause
5. Next video
6. Play mode(repeat/All/list)



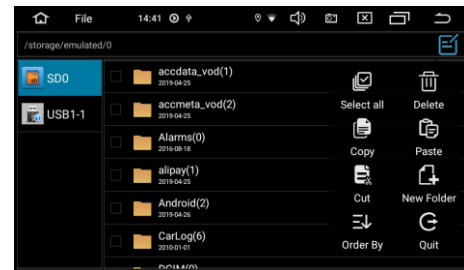
### AV-IN

Choose "AV-IN" icon, to display external audio and video on the device screen, also with audio output function, as below picture(Different units support different AV-IN function, more details please contact with our customer service):



### FileBrowser

FileBrowser allows you to copy files to device flash, as picture as below:



## INTERFACE OPERATION

### DSP

#### • DSP digital sound processor

16-Band Real EQ Selections, 4 sound effect adjustments, enjoy music life with DSP. Select one of the stored equalizer curves, or customize the equalizer curve as desired. Select a listening position that you want to make as the center of the sound effects.



### OBD (Optional)

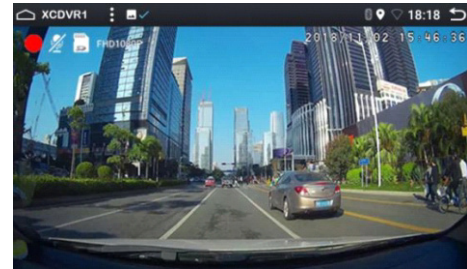
The unit supports OBD2(On-Board Diagnostics) car diagnostics. With the OBD function available on this unit, you can retrieve real-time data and trouble codes from your vehicle computer. All data of your vehicle are displayed to you. The OBD Bluetooth car diagnostic scanner tool is sold separately.



## INTERFACE OPERATION

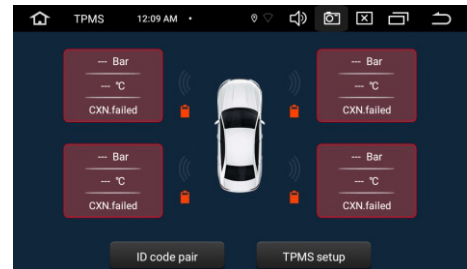
### DVR(Optional)

You can control a car DVR camera(sold separately) on this unit and use it to record all the events of a journey.



### TPMS(Optional)

Tire Pressure Monitoring System(TPMS) increases driving safety and provides a better understanding of your vehicle's tire conditions. Once you have correctly installed the TPMS(sold separately), the sensors will automatically monitor the tire pressure and the temperature, and transmit real-time statistics to the receiver.



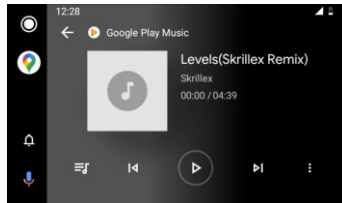
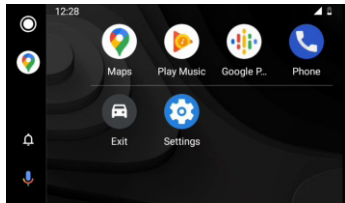
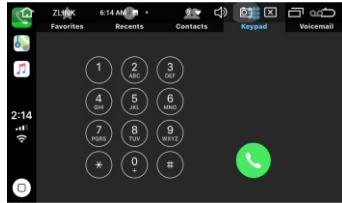
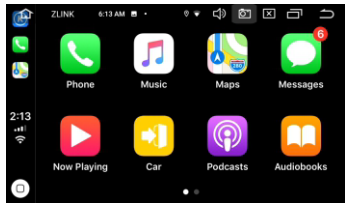
## INTERFACE OPERATION

### Apple CarPlay & Android Auto (Optional)

Support Apple CarPlay & Android Auto (Optional) system, the in-car assistant acts as a second display for your Smartphone, which allows driver to more conveniently access apps and services like GPS, music, phone call, etc. from their Smartphone in the car while focusing on safe driving, driver can use head unit screen mirroring or control the connected iPhone or Android Smartphone.

Just use your USB charging cable to connect your Smartphone with the bottom USB Port

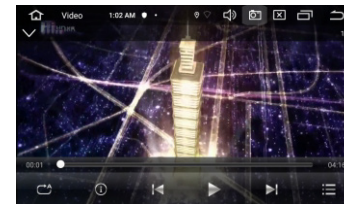
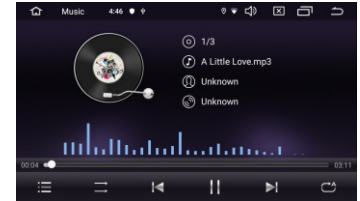
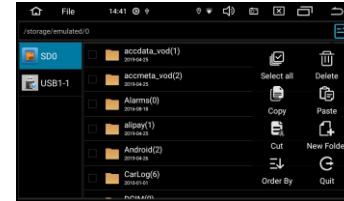
on head unit's back  and click "ZLINK" icon  to use this function.



## INTERFACE OPERATION

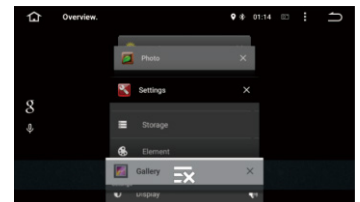
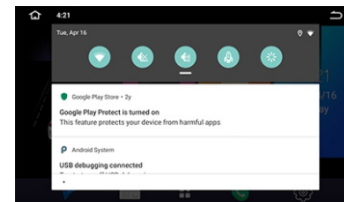
### USB / SD

Plug a USB storage device or insert an SD memory card and then tap Music on the apps menu to play music, tap Video to play video files, or tap Gallery to view images and photos.



Drag from top to down, will appear a system notification bar on the page

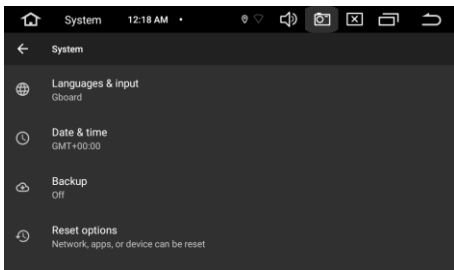
Click upper right icon  can remove the program running in the background



### System Settings

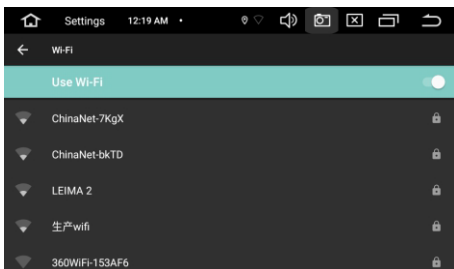
#### Languages settings

Available for system language selection, text input and auto-error correction options, select your favorite keyboard and input method, and set the Text-to-speech output, pointer speed. Long press your familiar language and slide to the top to set the system language.



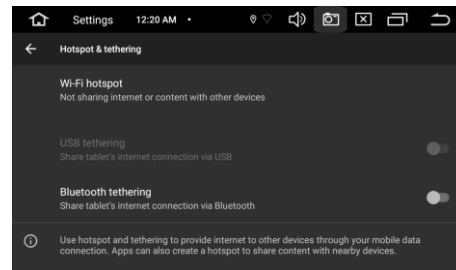
#### Wi-fi settings

Click the setting icon, enter the WiFi setup, drag the icon "OFF" to open the wireless network function, then the unit displays the wireless network that can be used, then click on the hotspot WiFi to connect, if the wireless network had been connected successfully before, this information will be stored and will be automatically connected next time. After connected, WiFi icon will appear at the top of the screen.



#### Portable hotspot

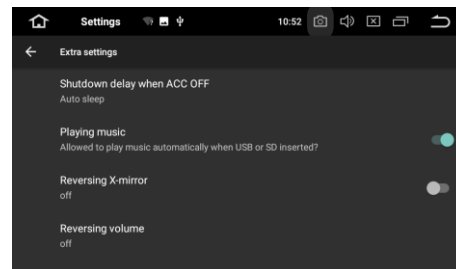
When the unit had connected to 3G network, click "Network & Internet" in the setup, then open the "Hotspot & tethering", you can create Wi-Fi hotspot password in "Set up Wi-Fi hotspot" that belongs to setting menu. After that, other wireless devices can also connect to the network via this machines wifi hotspot.



#### Extra settings

In extra settings, you can set if allowed the unit to play music automatically when USB or SD inserted, turn on/off the reversing volume or the reversing X-mirror, etc.

\* Shutdown delay when ACC OFF is the option for you to set the auto sleep time

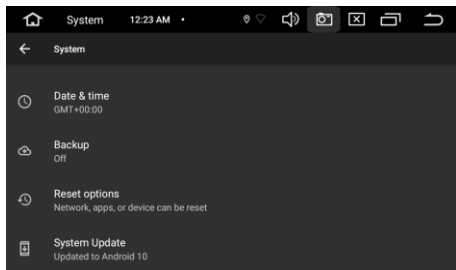


### Backup & reset

Available for data backup or reset, and factory settings restore, if you have any problem on the system, you can restore the data to solve it.

Warning:

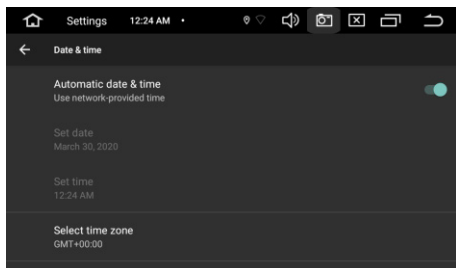
Once you run a factory reset, the device will erase all your personal data and applications, please backup all your personal data before doing Backup & reset.



### Date & time settings

You may use the network to automatically update the date and time.

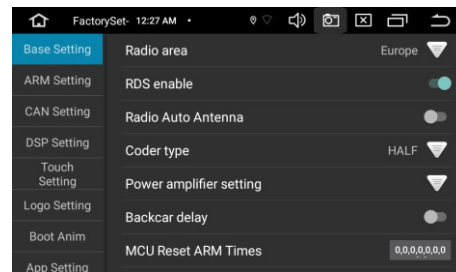
You can also manually set the date and time, select the time zone, and choose the display format of the time and date.



### Factory settings

Go to the "Settings" and find the "factory settings", then input password "3368" to enter into the factory settings menu, you can change the boot Car Logo, select radio region, set the panel light, or other parameters.

**Alert: Please Do NOT modify any data without our guidance! Otherwise the device may not work properly.**



### Car Logo settings

Please input the password "3368" to go to the "factory settings", click "Car Logo" to select a logo type. You can also choose your favorite images from a USB or a Micro SD card by clicking "User" --- "Custom", Car Logo settings allows you to select a screen logo or animation logo. After restart you will see the new logo.

## INTERFACE OPERATION

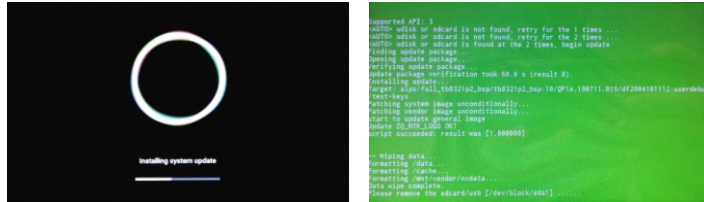
### System update

#### Firmware update method

If the device can enter the system normally:

1. After you got the correct Firmware update files from us, then copy the sub-files into an USB disk.
2. Insert the USB disk to the USB port, power on the device, then the device will update automatically..
3. When the upgrade to the screen appears green, unplug the USB disk and the device update is complete. if the screen appears green and you haven't unplugged the USB disk, the screen will remain green.

**Warning:** During updating system, please do NOT disconnect the power or perform other operation.



## INTERFACE OPERATION

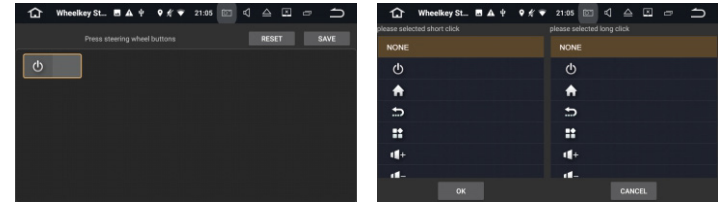
### Steering wheel control

There are 3 SWC wire from the ISO cable harness: KEY1, KEY2, SWC-GND, make sure your car is resistance based analog signal steering wheel control button, find the corresponding wire from your car to connect them.

Firstly, please click the RESET button on the UI (1) to clear the learn key function, then press steering wheel button on your car, it will enter into the UI(2), then learn it, E.G: Please press the [ Power switch ] button on the screen, then press the button on the original vehicle button, then click the OK button of the screen, after learned the function of all buttons successfully, it will show the corresponding [ Power switch ] button on the UI(1), then press steering wheel button on your car to learn the next button.

Repeat the same steps for other buttons, after that, click "SAVE" button on the UI(1).

If the settings are incorrect, click the RESET button on the UI(1), and start to re-learn.



(1)

(2)

**Trouble Shooting**

If you have problems in operating this product, please refer to this troubleshooting guide for quick solution. If the problem is still not solved, it is advisable to contact the professional or visiting the customer service centre for further assistance. The most common problems are listed below, along with likely causes and solutions.

**1. Power plug is not suitable**

- Please inform specific car models and years.
- Please provide original CD player wire diagram.

**2. No power**

- The car key is not inserted or ACC is not turned on, Insert the car key and turn on the ACC.
- Incorrect wiring connection. Check the wiring.
- The fuse has been damaged. Replace the fuse.
- The CAN-BUS box has been damaged. Replace the CAN-BUS box.

**3. No sound**

- The volume is too low. Adjust the volume.
- Incorrect wiring connection. Check the wiring.
- The radio is not set correctly. Reset or Upgrade.

**4. Stuck or running slowly**

- Slide the touch screen from top to bottom twice to find and click the tool icon "Clean" to clear caches of the program running in the background.
- Disconnect the power plug and reinsert it.
- Upgrade, we will provide upgrade software.

**5. Unable to play DVD (Optional)**

- Please remove the 2 screws on the top of the chassis.
- There are unremoved discs in the machine.
- The disc is inserted upside down. Insert the disc with the label upward.
- The disc is dirty. Clean the disc.
- The disc is cracked or otherwise damaged. Insert a normal, round disc.
- The files on the discs are in an irregular file format. Check the file format.
- The disc format cannot be played back. Replace the disc.
- The disc is not supported by the machine. Check the disc type and change to the supported disc format.

**6. Poor radio reception**

- The antenna connection is incorrect. Check the antenna connection.
- The antenna has been damaged or not compatible. Replace the new antenna.
- Signal interference, please check the interference source.
- Signals are too weak. An additional antenna signal amplifier booster may be required.
- The local seek tuning has been turned off. Turn the local seek tuning on.
- Place the antenna on the roof instead of inside the car.
- In some remote areas, the radio signal is weak, normal phenomenon.

**7. Unable to connect Bluetooth**

- Please turn on the phone Bluetooth search machine Bluetooth name, and then connect.
- Clear all Bluetooth records from your phone and machine and reconnect.
- Maybe not compatible with the mobile phone system, replace the phone connection.
- Modify the Bluetooth name or pairing code of machine and phone.

**8. Unable to play music**

- Music file format is not supported, replace other formats.
- Put music files in the same folder.
- Check if the SD card or USB disk can be read normally, copy the file to the machine.

**9. Unable to play video**

- Video file format is not supported, replace other formats.
- Select the correct option in the settings as below:  
Settings - Video- Driving Video - On  
Video images can be viewed while your vehicle is in motion.
- Check if the SD card or U disk can be read normally.

**9. No GPS signal**

- Check GPS antenna connection, or replace the new antenna.
- Do not put the GPS antenna together with other antennas, which will cause signal interference.
- In some driving conditions, signals from GPS satellites may not reach your vehicle. In this case, it is impossible for the system to use GPS positioning.
- If a car phone or cellular phone is used near the GPS antenna, GPS reception may be lost temporarily.

## INTERFACE OPERATION

### Navigation cannot be used

- Open the map but show other programs. Please select the correct navigation path as below:  
Settings-General-Navi Application Settings-Choose one correctly map program
- The map is stuck, running slowly. Slide the touch screen from top to bottom twice to find and click the tool icon "Clean" to clear caches of the program running in the background.
- Map program cannot enter. Contact us to download a new map or resend a new map card.

### Wi-Fi or Hotspot useless

- Check Wi-Fi antenna connection, or replace the new antenna.
- Clear all Wi-Fi records Reconnect.
- Change Wi-Fi name and password.
- Change Wi-Fi hotspot connection.
- Reset machine network settings as below:  
Settings-System-Reset Options- Reset Wi-Fi, mobile & Bluetooth

### Black screen and unable to do operation

- Sleep mode is on. Press the POWER button or touch the screen to release the mode.
- The rear view camera image is displayed with no camera connection and the wrong camera polarity setting. Install the rear view camera and then change the camera polarity settings.

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

**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.

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

### Radiation Exposure Statement

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 and your body.