

# User Operation Manual

# Contents

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<b>Basic Operation Setting</b>	<b>05</b>
<b>Settings</b>	<b>08</b>
1. Network & Internet	<b>09</b>
2. Car Settings	<b>10</b>
2.1 Basel Settings	<b>11</b>
Power on volume limit	<b>11</b>
Mute during backwards	<b>12</b>
Navi App Select	<b>12</b>
Night Brightness	<b>13</b>
Panel Color Setting	<b>13</b>
Autoplay	<b>14</b>
2.2 Steering Wheel Setting	<b>14</b>

<b>Application</b>	<b>15</b>
1. Navigation	<b>16</b>
2. Radio	<b>18</b>
3. Video	<b>22</b>
4. Music	<b>23</b>
5. Bluetooth	<b>25</b>
6. Audio	<b>31</b>
7. Notes	<b>33</b>
8. Display Screen Instructions	<b>35</b>
9. Installation of Antenna	<b>36</b>
<b>Troubleshooting Guide</b>	<b>38</b>

# Disclaimer

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For your safety, it is advisable to not watch video or operate the machine when you are driving. While driving, please adjust the volume to the optimum level. Before operating the machine, you are advisable to read carefully and understand the safety instructions and warning signals stated in the manual. Keep the manual in the reach for future reference.

- 1.Firstly, please ensure safety on the road.
- 2.In difficulty operating the machine, please stop the car safely before you operate the machine.
- 3.Keep the machine out of reach from children to prevent unnecessary injury or damage to the machine.
- 4.While using the GPS navigation, please adhere to the traffic rules.
- 5.Please do not operate the machine at restricted areas such as petrol station, wine refinery, strong electromagnetic obstruction area to prevent danger.

6.Please do not install, maintain or repair the machine on your own with the power on. It is very dangerous to install and repair the machine by personnel without proper professional installation training and experience on electronic device and automobile parts.

7.Please do not install or store the machine, especially LED display screen directly under the sunlight or hazardous substances. During installation, please ensure no direct contact with the air-conditioner's ventilation duct. This will cause damage to the machine, the car or injury to the human body.

8.Please do not use sharp object to scratch or press the display screen vigorously as this may damage the screen.

9.Please do not expose the machine under humid weather or direct contact with liquid to prevent fire or lighting.

# Basic Operation Setting



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## Basic Operation Setting

### 1. Power On / Off the machine

- When ACC is connected, press the power button on the front panel to switch on the machine
- Press the power button on the front panel to switch on machine. Turnoff the engine and unplug the car key to switch off.

### 2. Volume Adjustment

Press "   " on the front panel (some models with volume control VOL+/VOL- button on the front panel) to adjust the volume of the machine.

### 3. Mute Control

Press the power button to MUTE.

### 4. Backlight Control

Adjust the backlight at Display Setting under Car Settings.

### 5. Camera

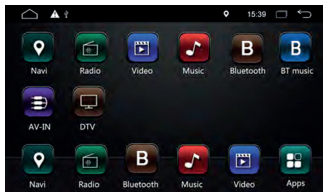
The screen will be automatically switched to rear view sight when the car is at reverse position.

### 6. Playback Source Selection

At front panel, press Application to view Radio, Music, Video, USB play, TV (optional) or AVIN mode and options.

At homepage, touch APP icon to enter application interface. Please view the detailed operation manual of respective functions at the subsequent chapters. Slide left or right to switch between different home pages.






## 7. Playback Mode and Position Memory

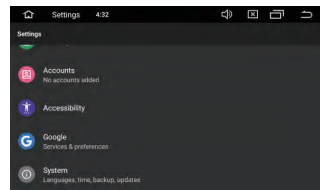
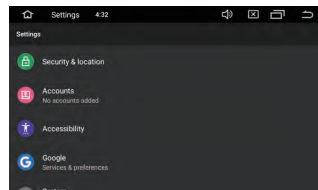
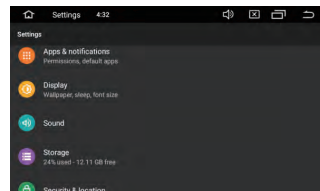
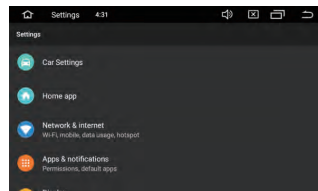
When you reboot the machine, the system will resume to the earlier mode prior to shutdown.

For radio, it will resume to the radio channel prior to shutdown.

For music or video, it will resume playing the last song or video prior to shutdown.

## Settings

Touch the icon “” on the front panel to enter Settings interface. Select the corresponding option to enter the corresponding settings option. Move the options bar up and down to find the desired settings.



# Settings

Note:

Direction of ON and OFF mode under setting interface .

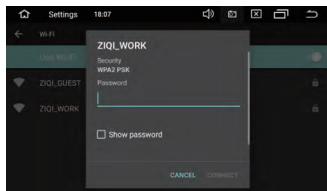
[  ] ON mode

[  ] OFF mode

## 1. Network & Internet

### 1.1 Wi-Fi Connection

Go to settings then Wi-Fi to ensure Wi-Fi is switched on to connect to the internet.



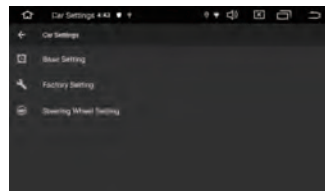
As per the above picture , search for your desired Wi-Fi hotspot. Complete the Wi-Fi connection by inserting the password and touch Connect.

You may change the language type, language input and type of keyboard in this interface.

### 1.2 More

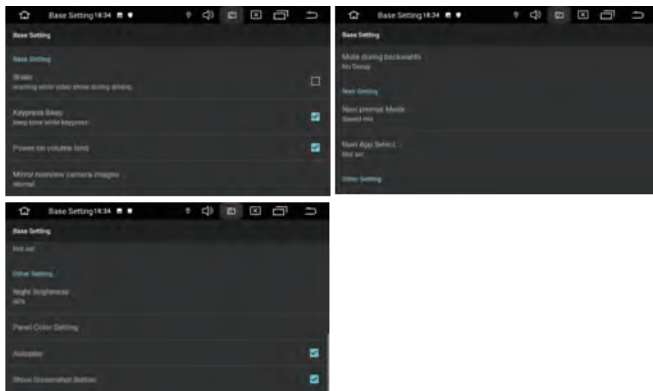
Setting of personal hotspot and VPN is allowed.

## 2. Car Settings (Pin for „Factory Settings“: **3368** )



# Settings

## 2.1 Base Settings



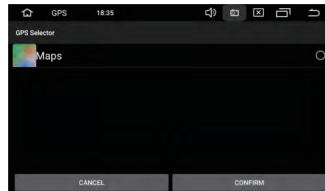
### ★ Power on volume limit

Fixed the volume every time you turn on, avoiding sudden too loud.

### ★ Mute during backwards

The background sound is reduced when reversing, divided into 12 levels.

### ★ Navi App Select...

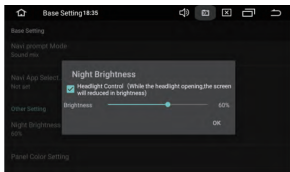


User may insert pre-installed navigation application to pair with the navigation button.

The system will automatically display all installed applications and you may touch to select the application of your choice.

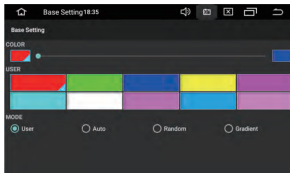
# Settings

## Night Brightness



Adjust the brightness of the screen at night, the brightness of the night can be the percentage of daytime brightness.

## ★ Panel Color Setting

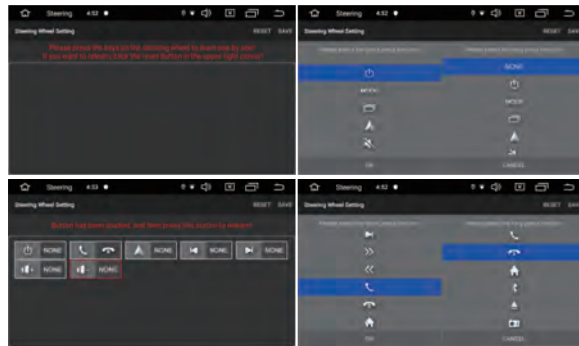


Set the color of the panel light

## ★ Autoplay

Insert multimedia devices to automatically play multimedia.

## 2.2 Steering Wheel Setting



# Application

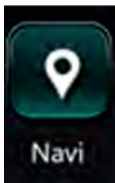
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Please follow the steps below to set the features of the control buttons on your steering wheel.

- To delete all, select RESET
- Press the desired control button on your steering
- Touch the corresponding feature of the control button on the touchscreen, Long press and short press two functions.
- Click OK .
- Repeat step 2 - 4 to complete all the control button setting.

## Application

### 1. Navigation



## GPS Satellite Navigation Operation

The invention of GPS navigation has brought to the convenience of travelling today. By using the GPS positioning and electronic navigation map, user can reach the destination faster and more efficiently. To navigate accurately, both the GPS positioning and navigation map are equally important. The GPS provides precise positioning and fast calculating speed while the navigation map provides huge information, data and route planning.

### 1.1 Navigation Map Data

User may copy the navigation map data into the internal SD card. Before copying the data, user is to ensure there is sufficient storage space in the internal SD card. If the storage space is insufficient, please delete the unnecessary / unwanted data. The copying and deleting of data can be done through defaulted ES File Explorer.

# Application

1.2 The data of some navigation applications can be stored externally in SD card or USB drive.

## ★ Note

Some navigation application defaulted its route planning on the map and may not support storage in external SD Card and USB Drive.

## 1.3 Installation of APK Navigation Application

Before navigation, please install APK Navigation Application and ensure the APK navigation map is correctly installed.

## 1.4 Navigation Activation


★ Upon successful installation of APK Navigation Application, there will be a corresponding icon on the homepage. Touch the icon to launch the application.

★ User can also go to "Car Setting" > "Navigation Setting">"Navigation Application Option" to link the navigation button and application. Upon linkage, user may press the "Navigation Button" to start the navigation directly.

## 1.5 Navigation Application Operation

Please refer to the corresponding operation manual for details in navigation application

## 2. Radio

Touch the radio icon“” on the main interface to enter radio mode. You may also touch the radio icon at the application page.



# Application

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## 2.1 Radio Channel Search

Use the arrow icon ,  at the radio interface to search for band channels. When a channel is found, the search will stop automatically and the radio will start playing.

## 2.2 Band Search

Touch band search to select : FM1,FM2,FM3; AM1,AM2

## 2.3 Automatic Channel Search

- When you touch this icon“  ”at the radio interface, the system will automatically search from low frequency to high frequency until it finds channel with the strongest signal.
- To stop the search, touch the icon again.

## 2.4 Preset Radio Channel

Each band can store up to 6 radio channels. The system can store 30 radio channels (18 FM channels and 12 AM channels).

## 2.5 Preset Radio Channel Manually

Long press preset radio channel button (1-6) for about 2 seconds to save the current radio channel.





## 2.6 Stereo/Mono Switch (only applicable to FM)

The radio signal is stronger in the city where user can receive stereo sound. However, when the signal is unstable, user can switch to mono mode to improve signal reception.

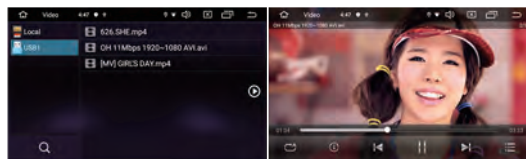
Switch to stereo mode through “ST”. The "ST" icon will appear when user is at stereo mode. When it is off means stereo mode is off.

## 2.7 Radio interface with RDS


# Application



Icon	Function	Role
	Traffic Announce ment	Click TA symbol to light up, it can source automotive the station which can broadcast traffic information, the system will source once every minute, it will stop to display traffic matter when we get the news, and it will directly go back to the situation after traffic information displays.
	Alternative Frequencies	Click AF symbol to light up, RDS can swift to the station which has stronger signal when the frequency is weak, but the content of RDS station will not change, just move to the other frequency. Meanwhile it only can source RDS station.
	Program Type	symbol to light up, RDS radio display type. When the received RDS station, the corresponding PTY information is automatically displayed.
	Regional Link	Click REG symbol, it will only search the RDS stations with the same national area code (PI 8-bit representation of the high country area code) of the current RDS station. If REG is not highlighted, you can search RDS station while ignoring the area code (excluded the high 8-bit PI code).

## 3. Video



### 3.1 Video Player Interface

Loop playback“  ”.

Touch “  ,  ”to switch between video ,


Touch “  ,  ”t to play or pause the video.

File list“  ”.



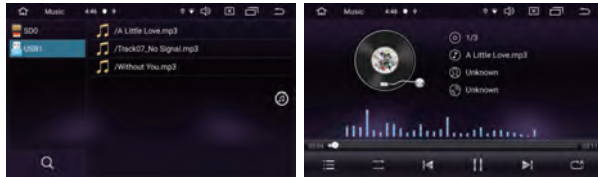
# Application

## 3.2 Folders and listing




To refresh video listing, touch video icon followed by the refresh button “”. User can also access to the video folder by selecting other menu, thereafter playing the video of selection.





## 4. Music

### 4.1 Support spectrum display as follows




## 4.2 Repeat and Shuffle

Touch“, , ”to switch on the repeat mode. To repeat the current song →To repeat all songs→To repeat random .

4.3 Touch “, ”to switch between video, Touch   to play or pause the video.

File list“”.

## 4.4 Folders and listing

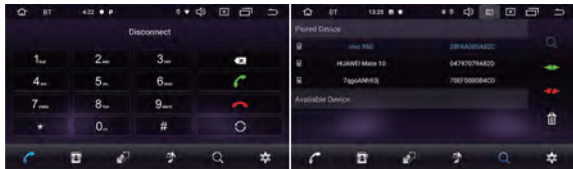
To refresh video listing, touch video icon followed by the refresh button “”. User can also access to the video folder by selecting other menu, thereafter playing the video of selection.

# Application

## 5. Bluetooth

Bluetooth's hands-free function enables you to call safely while driving.



On the front panel, touch “” to enter bluetooth setting as shown below.




### 5.1 Pairing the machine with mobile phones



- To activate the bluetooth hands-free function, pair your mobile phone with the machine in the first place.
- Turn on bluetooth and bluetooth device search function on your mobile phone

- Search for the name of the machine. For example: BT5454
- You are required to key in the corresponding PIN number i.e. 0000 on your mobile phone to connect to the machine.
- Once connected, a "CONNECTED" sign will appear on the screen.

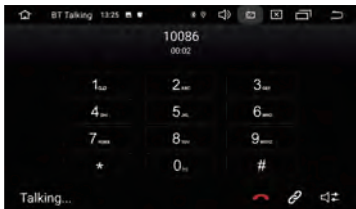
If the mobile phone has been already paired with the machine, user can touch “” directly to connect to the bluetooth in the next connection. User may also touch “” to disconnect.


### 5.2 Making Phone Calls

Upon establishing the bluetooth connection, user can dial directly on the phone or key in telephone numbers on the dial pad. Touch “” to delete the incorrect number entered.

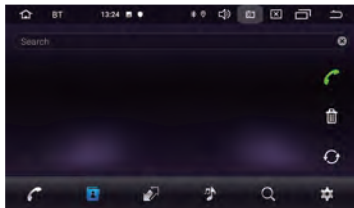
When you entered the telephone number, press “” to call or “” to hang off.


# Application



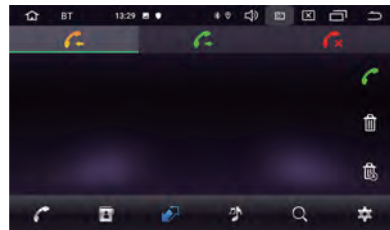
During conversation, user can touch “” on the screen to switch between private mode and loud speaker.

## 5.3 Syncing Contacts



The machine supports syncing of contacts from mobile phone to the machine. Once bluetooth is connected, touch “” to download the contacts. Once download is completed, name of the contact will be synced and shown on the display screen during phone call. For quick access to the contacts, the contact book supports name search begins with first alphabet.

## 5.4 Call History

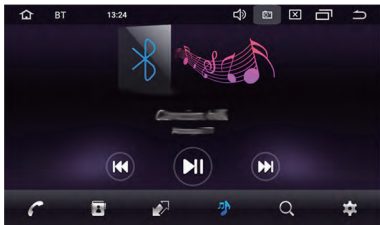


Call history shows outgoing call, incoming call and missed call. User can perform call or delete in call history.

# Application

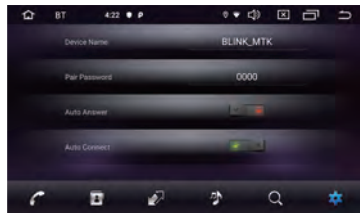
## 5.5 Bluetooth Music

This machine supports bluetooth music playing. User can play music on the mobile phone and transfer it to the loud speaker of the machine via bluetooth. It also supports simplified controls such as "Previous", "Next", "Pause" and "Play".



Due to bluetooth compatibility, the machine may not support all phone models. Please contact us should you encounter problems connecting to the bluetooth.

## 5.6 Setting



★ Name of Device

Display the Bluetooth name of the machine.

★ Pair Password

The password entered on the phone when pairing

★ Auto Connect

By enabling this option, the machine will auto search and auto connect to the last connected device.

# Application

## ★ Auto Answer

By enabling this option, the machine will auto answer all incoming calls using bluetooth.

## 6. Audio



Click equalizer application icon into the equalizer interface. Or click “Audio Setting” to enter into EQ Setup operation in all audio or video playing interface. Equalizer settings interface is divided into two functions: namely, equalizer and sound field settings function.

In the equalizer settings interface provides 8 kinds of audio playback mode choose:

In a field setting interface the user can on the front left, front right, left, right after the four angularly audio settings, as shown below:

# Notes

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## 7. Notes

- ★ Do not expose the display screen directly under the sunlight or heat for a long period of time to prevent damage to the LCD screen.
- ★ Do not expose the display screen directly under sunlight when it is not in use.
- ★ The display screen should be used within the temperature ranges as per below:
  - a) Operating temperature range :  $0^{\circ}\text{C} \sim +30^{\circ}\text{C}$

The LCD screen is a full frontal display for better viewing experience in the car. Please do not press the LCD screen vigorously to prevent damage. Except coordinating the touch panel functions, please touch the LCD screen gently to prevent scratch or dust.

Shall not interfere with the installation of airbags and other safety features or devices in the vehicles.

# Application

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## 8.2 About LCD

- ★ Small black dots or bright dots may appear on the LCD screen. This is not a defect but merely the specification of LCD.
- ★ If in use in cold areas, the LCD screen may be dimmer after power on but the brightness will be adjusted to normal after a short while.
- ★ If exposed directly under sunlight, user may be difficult to see the LCD screen due to reflection.

## 8.3 Maintaining the LCD screen

Please off the power before cleaning the LCD screen. Wipe the screen with soft fabric to prevent scratch on the surface.

Please do not use wet towel, benzene, and chemical related cleaners to clean the LCD screen.

## 9. Installation of Antenna

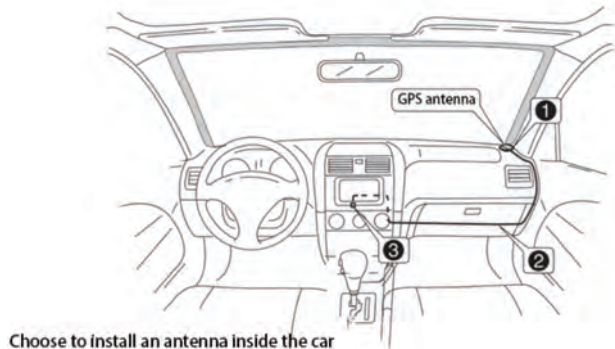
Recommend installing the GPS antenna on dashboard or rear shelf. The antenna should be installed on leveled surface facing the sky to prevent blockage of radio waves as little as possible. Vehicle equipped with tempered glass or tint may weaken the receiving signal of the GPS antenna. Thus, recommend installing the antenna outside of the vehicle.

### 9.1 GPS Installation Guide

- Before affixing the GPS antenna, please ensure using the suitable cleaner to clean the designated surface. After cleaning, tear off the back of the tape and press to place the GPS antenna.
- Remove the side cover, move the cable through the storage box until it reaches the control panel of the machine. The cable needs to be fixed with a cable tie.

Connect the GPS antenna's plug to the machine

# Application



## Notes

- Please ensure the system power is off when connecting to the GPS antenna.
- Please do not shorten or extend the GPS cable. Altering the length of the cable may result in short circuit or malfunction that may damage the product.

- The antenna should be installed on a leveled surface where radio waves will be blocked as little as possible, otherwise it will affect the accuracy of navigation.
- Please do not interfere the GPS antenna with steering wheel or gear lever, as it may be dangerous.

## iv) Troubleshooting Guide

If you encounter the problems below, please refer to this troubleshooting guide for quick solution. If the problems persist, it is advisable to contact the professional or visiting the customer service centre for further assistance. Please do not dismantle the machine without proper advice.



# Troubleshooting Guide

Issues	Cause	Action (Reference)
Unable to power on	The car key is not inserted or ACC is not turned on	Insert the car key and turn on the ACC
	The power cord is not connected	Connect the power cord correctly
	The fuse is damaged	Replace the similar fuse
Inresponsive touch screen	The system may be multi tasking (i.e.navigation). Please wait for a moment. If the problem persists, please contact customer service centre for assistance.	
No rear view image	No reverse camera is installed.	Install the reverse camera and plug in to the CCD socket.
	Reverse camera type does not match	Replace the reverse camera.
Rear view appears during reverse position even when system is not booted. Power button is null	This is part of the safety feature where the rear view function is preset for safety priority.	Power on to boot the system after resuming from the reverse position to normal.
No GPS signal	GPS antenna is not connected	Connect the GPS antenna correctly
	The car may be at the GPS signal blind spot.	Drive for a distance to check GPS signal. If the problem persists, please contact customer service for assistance.

Positioning and navigation failed upon power on	Blind spot of the navigation map. Some remote areas or routes may not be covered in the map.	Please contact the customer service to update the map
Unable to locate the destination routes	Firstly, please ensure correct spelling of the destination followed by trying possible names of the destination. If still unable to search, the destination may not be updated in our database.	
Navigation routes are far	The navigation system sets a route to your destination by applying certain built-in rules to the map data. Besides, distance, the navigation system will take into consideration of the road grade, traffic rules, flyover, highway, main road and others to ensure the driver in reaching the destination soonest possible.	
Blank on the map	May be due to scale setting. Try to zoom in and out to adjust the map display. If the problem persists, it may be due to loss of GPS signal. Please reset the destination or select a new landmark.	

# Troubleshooting Guide

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