User Operation Manual

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Disclaimer

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.
10. The machine can only support one 12mm CD at a time. Please do not insert 8mm CD or other objects into the machine.

i) 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 left volume button to display volume bar on the display screen. Press the media volume to MUTE.

4. Backlight Control

Adjust the backlight at Display Setting under Car Settings.

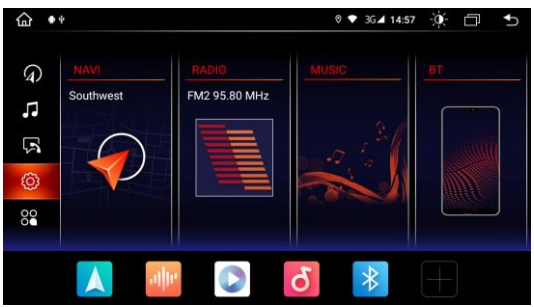
5. Camera

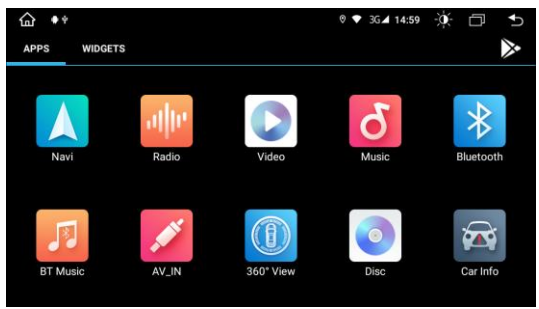
The screen will be automatically switched to rear view sight when the car is at reverse position.

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

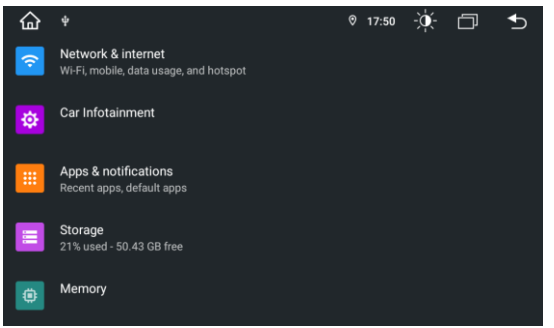
When you reboot the machine, the system will resume to the earlier mode prior to shutdown.

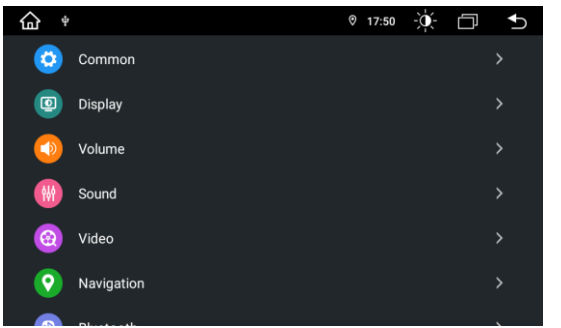
For radio, it will resume to the radio channel prior to shutdown.

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

ii) 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.





◆ Note：

Direction of ON and OFF mode under setting interface .

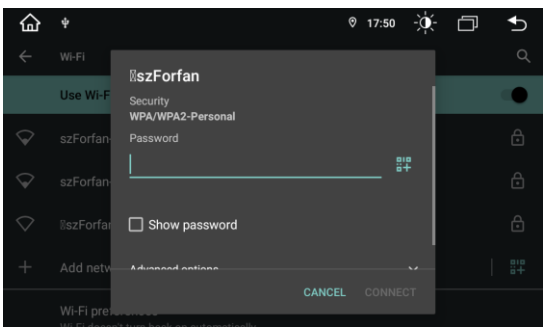
[ ] ON mode

[ ] 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

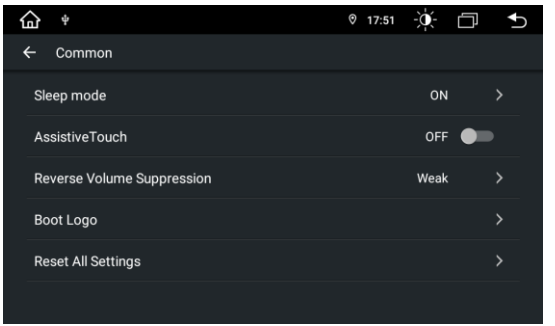
Setting of personal hotspot and VPN is allowed.

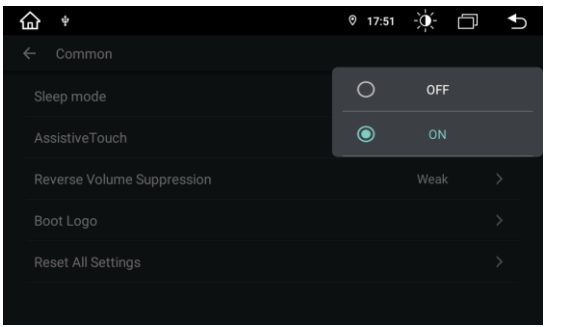
2. Car Infotainment

2.1 General Settings

✧ Sleep mode

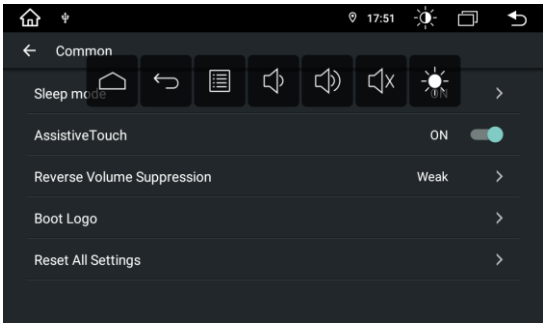
ON/OFF





✧ Touch Assist

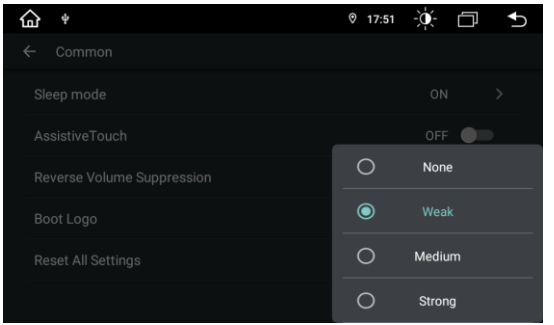
User can choose to on or off the touch assist. The touch assist has 7 most commonly used options and is displayed on top of the screen at the interface where it provides the user easy maneuver of the machine.



✧ Reverse Volume Control

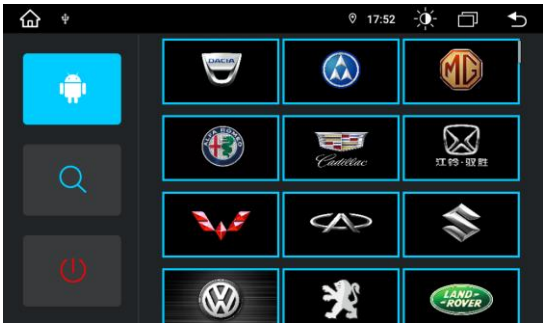
To adjust the volume while at the reverse position, select Reverse Volume Suppression. There are four options available namely None, Weak, Medium and Strong.

✧ Selecting None means there will not be any changes to the current defaulted volume. Selecting Strong means lowering down the reverse volume at most.



✧ Boot Logo

Touch the boot logo, key in the password （5678）at the popup dialog to enter boot menu.

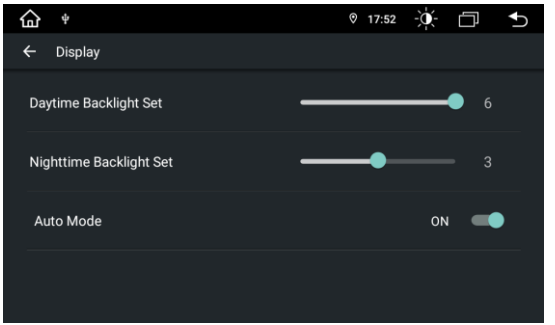


✧ Restore Factory Setting

Touch Restore Factory Setting， at the popup dialog, select confirm. When the machine restarts, the system will restore to factory settings. All your settings will be removed.

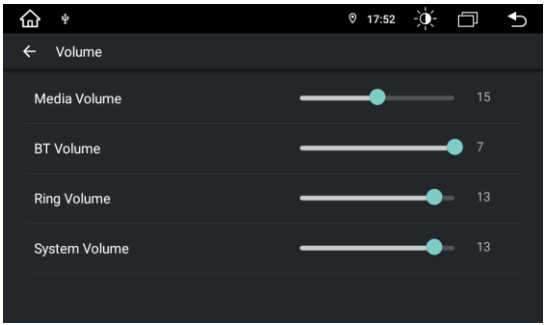
2.2 Display Setting

Adjust the display brightness of the background for different timing of daytime and nighttime



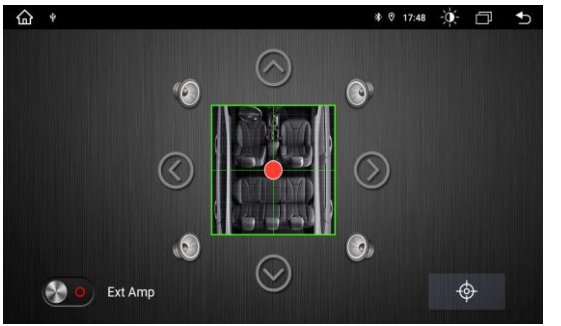
2.3 Volume Option

Volume options for respective systems can be adjusted in accordance to desire.



2.4 Sound Effect

Enter sound effect interface by touching "Sound Effect" to access different sound effect modes.



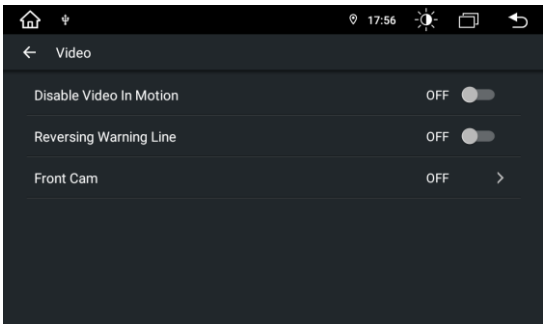
✧ Balance Setting

Touch four arrows to adjust the 4 speakers volume to control the sound effect. The 4 speakers volume is consistent when the black dot is right at the center. Touch the restore icon “ ” at the bottom to restore the defaulted balance setting.

✧ Loudness Setting

Sliding to the left or right to adjust the loudness. The higher the loudness, the higher the low frequency value of the sound. Please adjust the loudness reasonably to avoid loss of frequency signal.

2.5 Video Option



✧ Video in Motion

Slide button to the right to enable or disable the video in motion option.

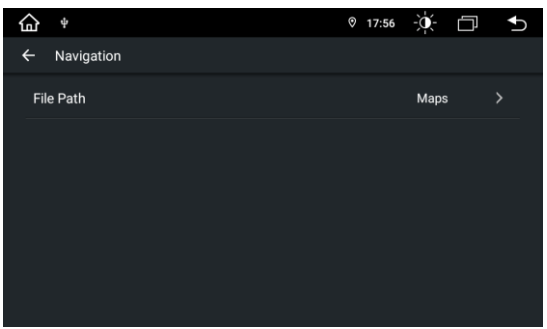
If video in motion is disabled, user cannot watch video and view picture while the car is in motion.

◆ Note：Recommend to enable this option for your safety.

✧ Reversal Warning Line

The camera of some car models may not have reversal-warning line. By enabling this option, user is able to see the distance to warning line at the display during reverse.

2.6 Navigation Setting



✧ Navigation Application Option

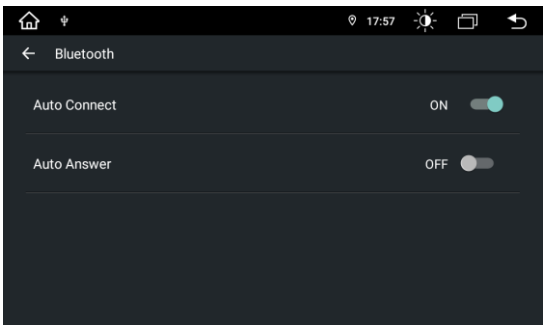
User may insert pre-installed navigation application to pair with the navigation button.

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

✧ Navi Mixed

Slide to the left or right to adjust the Navi Mixed volume.

2.7 Bluetooth Setting



✧ Name of Device

Display the Bluetooth name of the machine

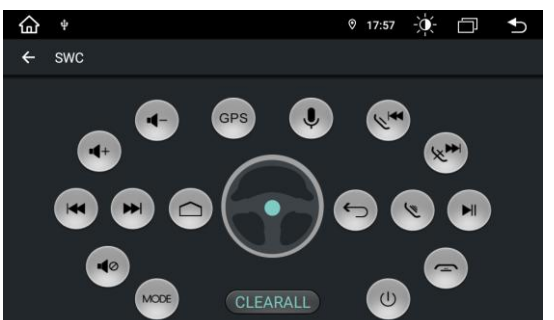
✧ Auto Connect

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

✧ Auto Answer

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

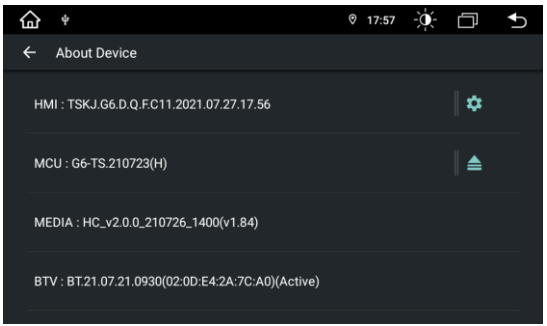
2.8 Maneuver Control



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

- To delete all, select“ CLEARALL ”.
- Press the desired control button on your steering.
- Touch the corresponding feature of the control button on the touchscreen.
- When the control button changes to blue colour that means the setting is successful.
- Repeat step 2 - 4 to complete all the control button setting.

2.9 Version Information



iii) 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.

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.

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 Media volume“ ” Slide to the left and right to adjust the media volume. Touch media volume to mute.

2.3 Band Search .

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

2.4 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.

2.5 Sound settings “ ”。

2.6 Off radio “ ”。

2.7 Preset Radio Channel

Each band can store up to 6 r123

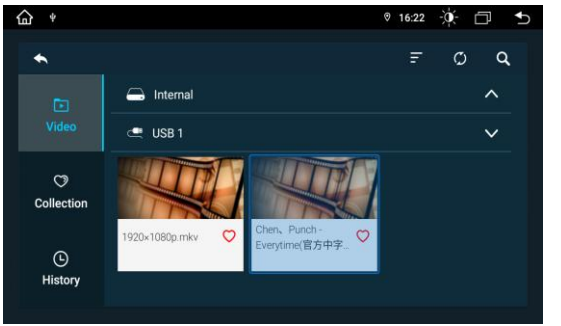
adio channels. The system can store 24 radio channels (18 FM channels and 6 AM channels).

2.8 Preset Radio Channel Manually

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

3. Video

Touch the music video icon at the main interface. It supports flash internal storage card, music and video stored in USB drive, ape, flac and other formats.



3.1 Video Player Interface

Screen playback ratio “ ”, Loop playback “ ” .

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

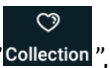
Collection “ ”, File list “ ” .

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.

Touch the “ ” button to search current video folder.

3.3 Video display”

”,Favorite videos” 

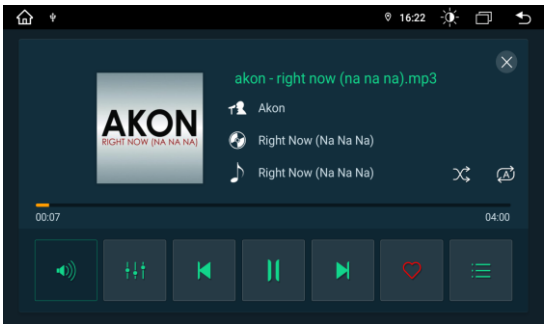
”,History play”

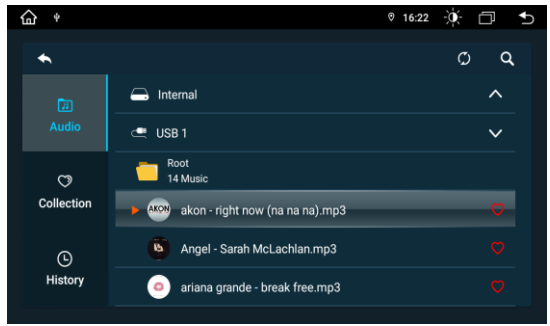
”.

4. Music

4.1 Cover Display

The machine supports MP3 cover display. If the song comes with cover data and information, it will be shown on the cover display as per below.





4.2 Repeat and Shuffle

Touch“ ” to enable and disable shuffling of songs. Touch“ ” to switch on the repeat mode.

To repeat the current song →To repeat all songs.

4-3 Volume “ ”, Sound “ ”, Touch “ , ”to switch between Music, Touch to play

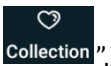
or pause the Music.Collection “ ”, File list “ ” .

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.

Touch the “ ” button to search current video folder.

4.5 Audio display”

”,Favorite audios” 

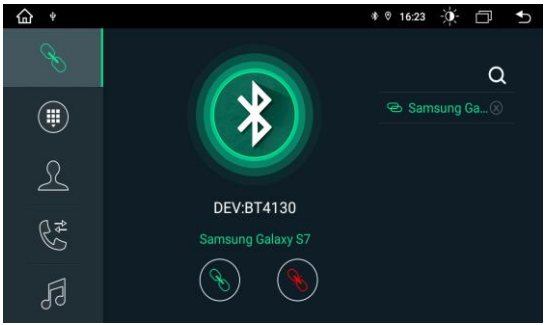
”,History play”

”.

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.



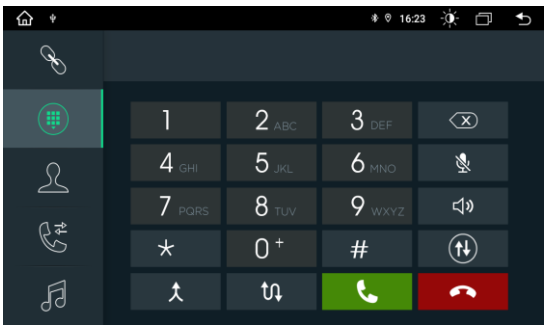
5.1 Pairing the machine with mobile phones

- 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: BT6091.
- 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

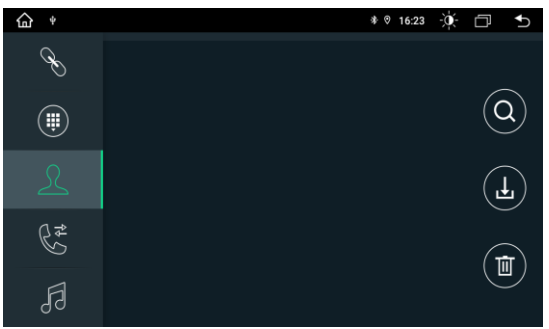


Upon establishing the bluetooth connection, user can dial directly on the phone or key in telephone numbers on the dial pad. Touch “ ” to delete the incorrect number entered.

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

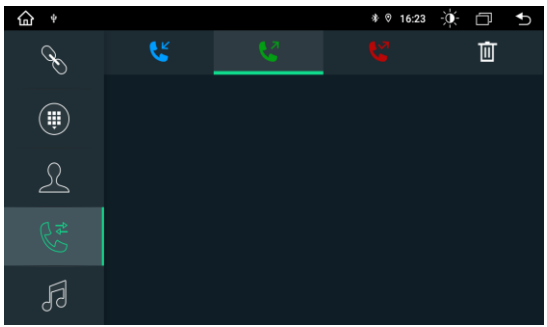
During conversation, user can touch “ ” on the screen to switch between private mode and loud speaker.

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.

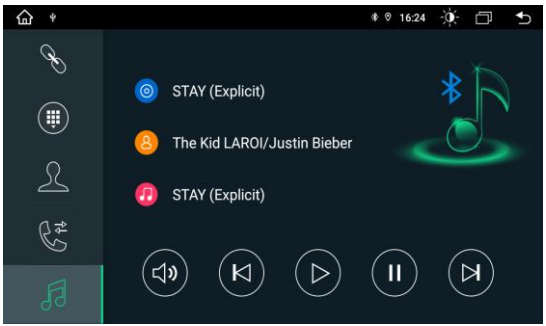
5.4 Call History



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

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.

6. AVIN Input Support

This machine supports AV (Line Audio / CVBS Audio) input. Connect external AV systems to the machine via AV cable. Touch AVIN“ ” at the main interface to switch to AV input mode.

7. Display Screen Instructions

7.1 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 : -10℃~+50℃

  b) Storage temperature range : -20℃~+80℃

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.

7.2 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.

7.3 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.

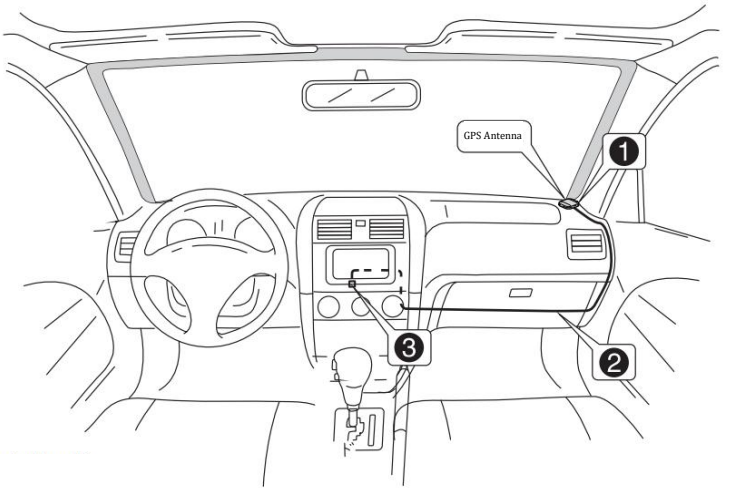
8. Installation of Antenna

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.

8.1 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



◆ 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.

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	This is part of the safety	Power on to boot the system

reverse position even when system is not booted. Power button is null	feature where the rear view function is preset for safety priority.	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	Firstly, please ensure correct spelling of the destination	

destination routes	followed by trying possible names of the destination. If still unable to seach, 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.

Warning:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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.
NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20Cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter