

Car Double Din DVD Navigation Entertainment System

# **OWNER'S MANUAL**



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## 1.1 Basic Operation

### 1.1.1 Turn on/off the Unit

#### a) Turn on

If you plug out the car key to turn off the unit last time, insert the key again, and the unit will be turned on automatically.

If you press the PWR (power) button on the panel to turn off the unit last time, press the power button slightly again to turn on the unit,

#### b) Turn off

Pull out the car key, and the system will recognize the information to turn off the unit.

Press and hold the **PWR** (power) button for more than 3s, and the system will turn off automatically.

### 1.1.2 Enter system main interface

After startup of the system, operating mode before power-off is the default of the machine. For example, in the interface of radio mode, touch icon  at top right corner to enter the system main interface.

After startup of the system, in any operating mode, press MENU button on panel to enter the system main interface as a shortcut.

The main interface is mainly composed of function mode icons. By touching the function icons, you may enter the corresponding operating mode.



Touch icon  to close screen display, but touching the screen in screen-off state may restore display.

Touch icon  to switch three different background images preset by the system.



#### Note

If touch the above-mentioned icon slightly, and "No Device" will be indicated, which represents no connection between the device and the host unit at present.

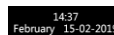
## 1.2 Introduction to main interface function icons



Enter radio mode, listen to FM/AM whole wave band broadcasting program.



Enter SD card play mode (It is when the main unit is equipped with multimedia play card slot).



Display date and time information.



Enter steering wheel studying interface.



Enter system setup interface.



Enter Bluetooth interface, connect Bluetooth mobile phone to achieve handsfree talk function.



Enter USB play mode (It is valid when the main unit is connected with USB device).



Change the background image of the main interface of the system (select the preset background image).



AUX play mode (External input audio, video signal).



Touch it once to close sound being played, and touch it again to recover the sound.



Enter audio setting interface.



Turn off screen for returning to display.

## 1.3 Operating Instructions of the Panel

### 1.31 System sound adjustment

#### VOL button (VOLUME/🔊 / 🔊)

During the play, roll the volume button on the panel to adjust the volume.

#### MUTE button (🔊 / 🔊X)

- 1). Press the MUTE (🔊 / 🔊X) button on the panel to execute mute function.
- 2). At the status of muteness, re-press of this button or roll VOL +/- button can resume the sound output and adjust the volume.

**Notice:** Press and hold this button to close screen display, and press any button or touch the screen again to recover screen display.

#### EQ button

At the playing mode, press this button to change EQ, e.g. FLAT, CLASS, ROCK, POP, EQ OFF.

#### LOUD button

Press this button to start or close loudness function.

### 1.32 Mode selection and switchover

#### PWR/SRC button (POWER/🔌/SRC)

- 1). In power-on state, press this button to switch over system operating mode in circulation. For example, radio, DVD, AUX, IPOD. When no corresponding device is connected, it will skip this mode.
- 2). In power-off state, press this button to power in on; in power-in state, press and hold this button to power it off.

#### DVD button

A shortcut entry of DVD playing mode and automatically play the disc in the CD-ROM.

#### BAND button (RADIO/BND/FM/AM/📶)

- 1). A shortcut entry of radio mode and automatically turn to the frequency received last time.
- 2). Pressing this button can shift the radio between FM1/FM2/FM3 and AM1/AM2.

#### GPS button (GPS/NAVI/📶)

- 1). In non-navigation state, press this button to enter navigation interface as a shortcut, and enable the navigation software.
- 2). In navigation state, press this button to switch over display navigation interface or multimedia play interface.

**Notice:** After startup of navigation function, it can be performed together with any other play mode. If exit from navigation mode needed, it is a must to firstly close the navigation software and then press GPS button on the panel.

## 1.33 Multimedia playback control

### ▶|| Button (play /pause)

- 1). During playing multimedia file like DVD or USB/SD card, pressing this button can shift the equipment between play and pause.
- 2). At the status of stop, pressing this button can start the play.

### ◀◀ / ▶▶ Button (SEEK/TRACK)

- 1). During playing multimedia files, pressing this button can play the previous or the next file. Long pressing of this button can play the piles fast forward and fast back..
- 2). At the mode of radio, fine-tuning dial of radio can be realized back and forward. Long pressing of this button can have an automatic search or the frequency back and forward. The search automatically stops when there is a channel and the play goes on..

### 1.34 Other

#### ⬆ button (EJECT)

To change the DVD disc, please press this button to take the disc in the CD-ROM and insert the new one.

#### MENU/TUNE button (⏮)

- 1). press the button quickly to return back to the main menu or the system at any working mode.
- 2). Rolling of the button left and right can adjust the frequency at the mode of radio.
- 3). Rolling of the button left and right can quickly move the cursor to select the item needed at the mode of DVD or USB/SD card.

#### RESET button (RES /RST)

When there is mistake in the program, press this button to restart the machine and the system will come back normal.

**Notice:** the information and setup will be lost after restarting this machine,

### 1.35 Storage card port

#### GPS card slot (navigation software storage card)

Before operating the navigation function, it is a must to insert the storage card containing navigation map software into this port.

#### SD card slot (Multimedia document storage card)

Before operating SD card play function, it is a must to insert the storage card containing multimedia documents into this port.



#### Note

Name, mark and location of all the function buttons above differ due to different types of car. Please operate it subject to the actual machine model.

## 2.1 Radio function operation

### 2.1.1 Enter/Exit

- In the system main interface, touch icon  to enter radio interface.
- Touch icon  at top right corner of the radio interface to return to the system main interface, and touch other function icons to exit from the radio mode.

### 2.1.2 Automatic searching stations

- In the radio mode, press and hold icon  to activate Auto-search status, the system will to automatically save the channels according to the radio frequency once found.
- Touch the same icon again to stop searching when in searching process.



### Notice:

- Before searching stations, you may touch icon  to select long or short distance searching. When "LOC" is displayed on the screen, only the screen, only the local radio stations with strong signal can be searched; when "LOC" is hidden, long and short distance radio station searching can be synchronously searched.
- FM wave band can store 18 radio stations (FM1/2/3), and AM wave band can store 12 radio stations (AM1/2).

### 2.1.3 Semi-automatic station searching and saving

- In the radio interface, press and hold (minimum 2 seconds) icon  to enter low frequency band/high frequency band semi-automatic searching state.
- When a radio station is reached, it automatically locks up. At this time, press and hold any button frequency icon below to save the radio frequency.
- Touch this icon to step forward 0.05MHz for FM waveband and 9KHz for AM waveband.



### 2.1.4 Wave band selection

In the radio interface, touch icon  to switch over among the wave bands of FM1, FM2, FM3, AM1 and AM2 in circulation.

## 2.15 Select station to play

- Touch frequency icon  to select the corresponding radio station to listen to.
- When listening to FM wave band, touch icon  to select stereo or single track broadcasting.
- touch icon  to enter audio setting interface.



### Note

- When listening to AM wave band, stereo function operation is invalid.
- In AM wave band, LOC function setup is invalid.
- During searching radio stations, TUNE button on the panel can be used for adjusting frequency steadily.
- When selecting radio stations, if to touch the frequency icon for delay over 3 seconds, the system will only perform saving function.
- Touch icon  to enter each radio station for playing for 5 seconds in a browsing state, touch it again to recover normal broadcasting.

## 2.2 AUX function operation

The machine supports external video signal and input of two-way stereo audio signals. When the vehicle has other multimedia equipment, the audio and video output signal can be connected to the audio & video input.

### 2.2.1 Enter/Exit

- In the system main interface, touch icon  to enter AUX (external audio/video) mode.
- Touch the top right corner of the screen to display the operation icons, touch icon  to return to the system main interface, and then touch other function icons to exit From AUX mode.

### 2.2.2 Function operation

- In playing status, touch the screen and the invisible operational icons will be displayed.
- Touch icon  to turn off screen display, touch the screen for returning to display.



- Touch icon  to exit the AUX mode and return to the system main interface.



**Note** If the system fails to detect external audio or video signal input, the screen will display the prompt: "NO Video Signal"

## 2.3 USB function operation

The item supports USB, the USB must be correctly connected before use, the system will switch-over to USB play mode automatically.

### 2.3.1 Insert/Eject USB device

- Insert the U disk with multimedia folders in USB interface through USB data lines or directly.
- When it is needed to eject the U disk, exit the USB play mode first and eject the U disk.

### 2.3.2 Play interface operation

- Touch the icon  to enter USB play interface at the system main interface.
- System would first read supported media files in USB device. If there are media files of several different forms, it would enter music play.
- When playing music, it would enter music player interface. Use touch icon for more play controls.
- When playing music, ID3 and playing state of current music would be displayed in the middle of screen.
- Touch icon  to return to playing list. On the left it's file list and on right it is current file list.
- Touch icon  to page up and down. Touch the file name and listed music name to play.
- For detailed instructions of several forms of media files, please refer to introductions of DVD function operation".



- To exit USB player, touch icon  to return to system main interface. Then select other audio and video player.

## 2.4 Bluetooth function operation

The system provides bluetooth hands free communication function .If your mobile phone is bluetooth enabled ,it can establish a point -to -point connection with the system, providing telephone dial up and call answering Phonebook, bluetooth music play functions .

Tips: As the bluetooth modules and software of cell-phone with different brands and different some functions may be different or even not compatible with other systems in actual use . Please forgive us for this .

### 2.41 Enter / Exit

- In the system main interface ,touch icon  to enter bluetooth interface .
- Touch icon  to exit from bluetooth interface .

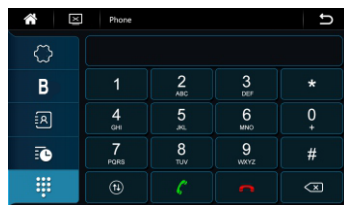
### 2.42 Touch menu function description

|                                                                                    |                                          |                                                                                     |                                                       |
|------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------|
|    | Enter the dial-up interface              |                                                                                     |                                                       |
|    | Enter the phonebook                      |    | Dial and answer                                       |
|    | Download mobile contacts                 |    | Hang up or reject incoming call                       |
|    | Shut off or resume the sound             |    | Enter bluetooth music play interface                  |
|    | Enter Bluetooth setting interface        |    | Switch over talk to mobile phone or the car amplifier |
|    | Display the answered phone number record |    | Delete the wrong number entered                       |
|  | Display the missed phone number record   |  | Display the dialed phone number record                |

### 2.43 Paired connection and disconnecting connection

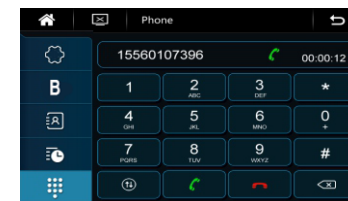
Before using Bluetooth function of the system ,it is a must to make paired connection with Bluetooth mobile phone ,and connection will be completed with the mobile phone .

- Activate the Bluetooth function of the mobile phone .
- Select the hands-free option ,when the mobile phone has searched the device ,the name "CAR-KIT" will be display .Select the name and connect the device in light of the tips .
- The password "0000" must be entered during the connecting process and press "confirm"
- After this is done ,"Connected " will be displayed on the system screen .



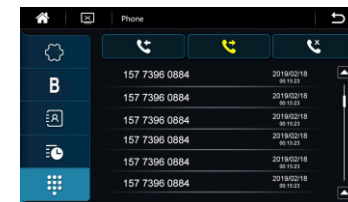
## 2.4.4 Dial a call

- In case connection of the mobile phone with the system . You may touch numeric keys on the screen to enter telephone number .
- The entered characters are displayed in the number column .In case of wrong entering touch icon  for deletion one by one.
- When completing entering .touch icon  of green speaker to dial a call .
- During the phone call, touch icon  switch over the voice on the line between car sound and mobile phone .



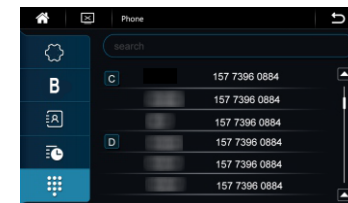
### 2.45 Answer a call

- In the state of Bluetooth connected, in case of call in ,the system will automatically switch over to Bluetooth interface and play ring of the call in any mode ,the phone call number will be displayed in the number column ,
- Touch icon  or  to select answering the call or refusing the call.



### 2.46 Telephone book

- Touch  icon to enter the phonebook .
- Download stored phone numbers in telephone directory book .
- Delete the wrong number entered .



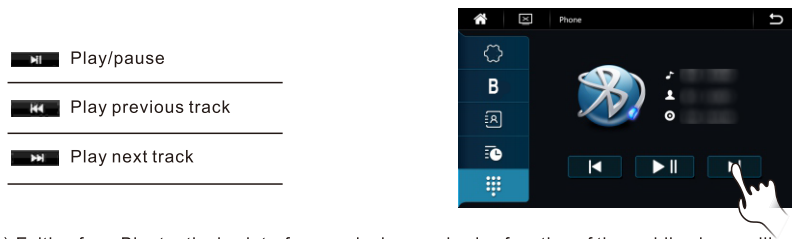
- touch icon  to download telephone directory book to the system. Slide up and down the telephone list to page up and down .
  - When the user intends to make a phone call, touch and select the number in the phone list ,and touch  icon .
  - In telephone directory book ,quick search by initial word in small keyboard .
- Tips: This function could bu used only after Bluetooth connection between phone and system .

## 2.47 Play Bluetooth music

- In the main interface of Bluetooth, touch the icon  to enter interface of playing Bluetooth music
- If the connected mobile phone supports Bluetooth music play function, the audio played by the mobile phone can be transmitted to the car audio system for playing.
- In the state of connection of the equipment with Bluetooth, enable connection of mobile phone stereo and play music. At this time, audio signal of the mobile phone can be transmitted to the car audio system.

Tips: Setup methods differ due to different mobile phones. The objective is to use this system as a Bluetooth earphone by setup. Refer to the related instructions for detailed steps of setup.

- Touch five icons at left side of the screen to play music saved in the mobile phone.



- Exiting from Bluetooth play interface or closing music play function of the mobile phone will close the music play function of the Bluetooth.

Tips: 1. Only support Bluetooth mobile phone has "stereo player" or "telecontrol" function, which can operate music playing interface.

- Music of the phone can be played only while in the Bluetooth music play interface.

## 3. System setup

This section describes the system setup information, including general, audio, date & time, navigation path, wallpaper and others.

### 3.0 Enter/Exit

- Touch the icon  at the system main interface to enter system setting interface.
- Touch the icon  to exit the setting interface and return to system main interface.

### 3.1 General settings

In the System Settings interface, touch icon  to enter the General settings interface.



#### a). Language (Language selection)

- Set operating language of system through this function.
- Touch  icon to pop up the list of languages which are supported by system.
- Touch language items to select the needed language in the system for operations.

#### b). Brake Detection (handbrake detection)

- Enable this option, and the system will display the video being played only when the car is in handbrake control status.
  - If the brake detection is disabled, the image can't be controlled when playing video.
- Tip: This setting is valid only when the handbrake control line of (brown) is properly connected to the handbrake switch.

#### c). Beep (Key-pressing tone)

If this option is enabled, you can hear click sound while operating.

#### d). Radio regional settings

Default area is "Europe" if it is used in territory of Europe.

**e). Panel**(Touch panel calibration)**Brightness**

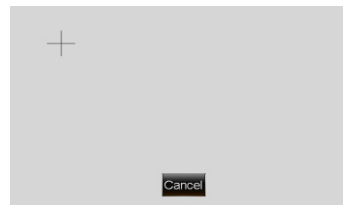
Set brightness of dimmer by sliding the icon.

**Touch panel calibration**

- a). Use stylus to click cross center. The order shall be the upper left, upper right, lower left, lower right, center of the panel to be calibrated.

- b). Touch icon  to exit.

Tips: The accuracy of coordinates clicked during calibration will affect the preciseness of touching panel.

**f). Reversing Mute** (Mute when reversing vehicles)

Enable this option, and the system mutes when reversing vehicles.

**3.2 Audio settings****3.2.1 Sound field balance settings**

In the sound settings interface, touch the icon  to switch to the sound field settings interface.

- a). Gently hold the icon  in the seat center and slide forward, back, left and right to adjust the sound field balance. Icon location is the center of the sound field, which can be adjusted according to the passenger's scat.

- b). Bass

Slide the bass volume bar up and down to adjust the bass volume.

- c). Treble

Slide the treble volume bar up and down to adjust the treble volume.

- d). Loudness

When setting this option as On, the volume for the high frequency and low frequency will be increased when the volume is low, to make the loudness ratio for the low, middle and high frequency is equivalent to the loudness ratio for the high volume.

**3.2.2 Surround settings**

Touch Concert, wide, Chureh, Live or Passive to select the default surround effect for the system.

**3.2.3 Audio effect settings**

Switch to audio settings interface



Switch to sound field balance settings interface



slide left and right to adjust the volume



Select preset audio effect or customize

**h). Mirror** (Reversing mirror)

If this option is enabled, the video image shot by the rear view camera when the car is reversing will swap the left and right.

- d). Audio Effect

Touch the icon  /  at both sides of the settings box to select an option from standard, classical, rock, pop, jazz or electric.

### 3.3 Video settings

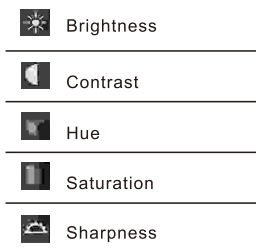
#### 3.3.1 Aspect ratio settings

a). The default value is 16:9. In case of 4:3 PS options, the left and right margins of the picture will be cut while playing wide screen video. In case of 4:3 LB options, there will be black mourning border on the top and the bottom while playing wide screen video.



#### 3.3.2 Adjust setting

a). Touch icon Adjust  to enter video setting interface for setting display effect of video played.



##### 1). Brightness

This is used to adjust the brightness of the picture while playing the video.

##### 2). Contrast

This is used to adjust the contrast of the picture while playing the video.

##### 3). Hue

This is used to adjust the hue of the picture while playing the video.

##### 4). Saturation

This is used to adjust the saturation of the picture while playing the video.

##### 5). Sharpness

This is used to adjust the sharpness of the picture while playing the video.

### 3.4 Steering wheel setting

- Touch icon  in main interface of system to enter steering wheel studying interface.
- The icon on screen center allows you to select learning function. Setting for each button shall be executed one by one.
- While setting, operations on the steering wheel are required.

#### Steps for setting:

- Press and hold the first button of steering wheel to be set, and touch the selected function icon on the screen. When the icon on the screen gets blue in color, release the setting wheel button.
- Press and hold the second button of the steering wheel to be set, and touch the selected function icon on the screen. In the same way, when the icon on the screen gets blue in color, release the setting wheel button.
- Complete the learning setting of other steering wheel buttons in accordance with the above method.
- When all button learning finishes, touch the icon  to save and exit the steering wheel control setting interface.
- At completion of setup, touch icon  at top right corner to exit from setup interface, and the functions of the buttons set ready are valid now.



#### Tips:

- In need of change, touch icon  to clear the functions set, and follow the above steps to re-set.
- After the steering wheel button learning is finished, you can operate and control the system with defined functions.



### 3.5 System time & date settings

Touch icon in main interface of system to enter steering wheel studying interface.

#### a).Year ,month and day setting

Touch the icon / above and below the year, month and day display box to adjust the year, month and day respectively.



#### b).Hour ,minute and second adjustment

Touch tie icon / above and below the hours and minute display box to adjust the hours and minute respectively.

#### c). Time system

Touch icon at the right side to set the time system as 12-hours system or 24-hours system. Touch the icon to save and exit the time & date setting interface .

