

Dear customers:

Thank you for choosing our products, in order to operate the device safely and correctly, please read this manual carefully. If any technique improvement to cause any change on the specifications, pattern and design, please in kind prevail!



This product conforms to national standards of the law of the People's Republic of China electronic information products pollution control measures for the administration of the provisions.



The mark shows the product uses the laser mark CLASS1, means that the device using the weak Levels of laser beam, without the risk of radiation out of the device.



Trademark license: ①Authorized manufacturing by Dolby Laboratories.

②"Dolby" and double D mark is the registered trademark of Dolby Laboratories.

SAFETY RULES



The device is applicable to the 12 V power supply system (must have earth connection), please don't install the device directly in 24 V truck or bus, otherwise, it will damage the machine.



Please use standard 12cm CD, do not use non-standard discs and poor-quality discs, otherwise it may cause system failure or affect the life of the system.



Do not replace the power fuse secretly without the guidance of professional staff. The improper fuse may cause system damage and even lead to fire hazards.



The rearview mirror is only used as assisted function, for your security, please pay attention to look carefully around, don't rely solely on the rearview mirror.



In order to keep safety driving and follow traffic regulations well, do not operate system while driving, to avoid unnecessary accidents.

User's Manual

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1. Main Menu Operation

This unit contains Radio, DVD, Navigation, Bluetooth, iPod, Rearview camera, SD, USB, AV IN, Setup etc. Touch icon on the main menu screen to enter the mode. There are three pages for the Main Menu.



1-1 the first page of main menu

The sign represents the page it staying, slide the page to turn to next page. Support 5pcs Icons which are used frequently.




1-2 the second page of main menu




1-3 the third page of main menu








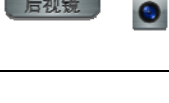




Page 2 & Page 3 show all the functions, press the icon to upspring, then can move the icon and change its position.

Click the "Back" on the top left corner to quit the Main menu, return to the working interface.

Click  to change wallpaper & skin.

Common icon button:

Icon	Button Name	Function description
	Navigation	Inserting the Map card and touch to enter NAVI interface, refer to the Navi user's manual.

	Radio	Touch to enter Radio mode.
	Bluetooth	Touch to enter Bluetooth mode.
	DVD Playback	When inserting a DVD disc, DVD mode is entered and disc play begins.
	USB Playback	Connect with USB, touch to enter USB mode.
	SD Card Playback	Inserting SD card and touch to enter SD playback mode.
	iPod Playback	Touch to enter iPod playback interface.
	Rearview camera	It is optional function. Touch the icon, if no signal, it shows "No video in", if has signal, it displays the video from camera.
	AUX 1	An external audio/video device can be connected to this unit, touch to enter AUX IN mode. ***Optional***
	AUX 2	An external audio/video device can be connected to this unit, touch to enter AUX IN mode. ***Optional***
	TV	Connect antenna, when receive the signal, touch the icon to enter.
	Setup	Touch the icon to enter Setup menu, the taskbar has Setup for General, System, Volume, Language, Navigation, Time. Touch and enter the Setup.
	My car	Touch the icon to enter the Car setup.

2. Tuner (FM/AM) Operation

Enter the main menu, click the radio function icon to enter the radio function mode, click other function icons to exit the radio model, the radio broadcast interface is shown in figure 2-1 as below.

- Picture 2-1 shows the prestored frequency, click to play the radio station, slide left or right to change the frequency.
- Click the left or right button of dial gauge to search the Single frequency.
- Dragging the blue ball to prestored list to store the radio station quickly.
- Click the Keyboard key, input the number of frequency, can search the radio station accurately. See picture 2-2
- Click the EQ settings to eject the audio settings menu and adjust according to demand (see picture 2-3).
- Drag interface blue ball to the stored black box, you can quickly stored radio.




Picture 2-1

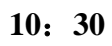















Picture 2-1



Picture 2-3 Audio Settings interface

Icon	Button Name	Function description
	Home Button	Click to return to main menu.

	System clock	Display current time, press to enter screen saver mode.
	Current frequency	Current frequency, ③is the NO. in preset list .
	Auto store	Press AS button on the screen to automatically scan and store all stations in current band.
	Program scan	Press the PS button on the screen. Scan the stations in the 6 preset channels in the current band.
	Select Band	FM/AM Touch the Band on the screen to change among the following bands: FM-1, FM-2, FM-3, AM-1
	DX/LOC switch	The DX/LOC button switch,click DX,after DX function open,it can accept the remote weak radio signals;click loc,after loc function,just listen to the signal is strong enough and receiving state good radio station.
	Previous	Click to search the previous stored radio station.
	Next	Click to search the next stored radio station.
	Digital keyboard	Click on the popup digital keyboard, input channel directly elected sets
	EQ	Click on the popup audio Settings menu, can adjust according to demand
	Rolling charge cable radio	Click to eject EQ setup menu, adjust according to demand.
	Frequency scale	Click up and bottom button to search radio station wavily, click rolling panel to change to numeric keyboard.
	seek up	Decrease the tuning frequency one step once.
	seek down	Increase the tuning frequency one step once.

3. iPod Operation

Firstly, confirm that the iPod had been already connected to the device, after connected, clicking the iPod function icon in the main menu to enter iPod function model. iPod audio interface display is shown in figure 3-1; Video broadcast interface is shown in figure 3-2 shows.



3-1 iPod Audio interface



3-2 iPod Video broadcast interface

Icon	Button name	Function description
10: 30	System clock	Display the currently system time, click to enter screen saver mode
	Current play progress bar	Display the current playing song's progress time.
	Previous	Touch to play the last track of the song list.
	Next	Touch to play the next track of the song list
	Play/Pause button	Press to begin playback. Press again to pause.
	EQ button	Press the icon to access the Equalizer menu.
iPod	Interface title	Display current interface

Icon	Button name	Function description
	Play message	The first line display current playing song, the song name will roll display. The next line list the song's ID3 information, including singer, album, time, genre and etc.
	Up button	Click to scroll up.
	Down button	Click to scroll down.
	Audio player	Click to enter audio playback.
	Video player	Click to enter video playback
	Return	Click to return to the directory
	Root directory	Click to enter the root directory
	Previous	Click it to switch to play previous melody.
	Next	Click it to switch to play next melody.
	Cycleplay button	Click it to Cycleplay the melody. Switch between the mode of Repeat one, Recycle current file, Recycle all and cancel recycle.
	EQ	Click on the popup audio Settings menu, can adjust according to demand

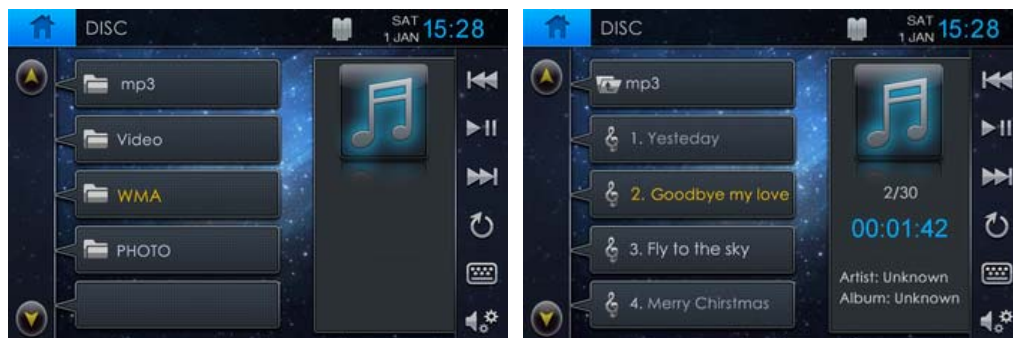
4. Player function operation

This system player can play DVD disc. It is compatible with DVD/VCD/CD/MP3/WMA/JPEG/MPEG and other kinds of disc and multimedia

format file.

Warning: Please use the authorized disc and keep it clean. It is strictly prohibited to use damaged disc. Only one disc is in the system once.

Firstly confirm whether there is CD in the system, then enter main menu, touch the player function button to enter the player function mode. If there is no CD in the device, put the disc in the disc mouth lightly, the disc will be slotted automatically. When the system detected the disc, it will auto switch to disc player function mode and play the CD. Disc play interface as below.



4-1 Disc root directory menu



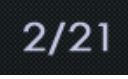
4-2 Audio playback directory menu












4-3 Photo playback directory menu

4-4 Video playback directory menu

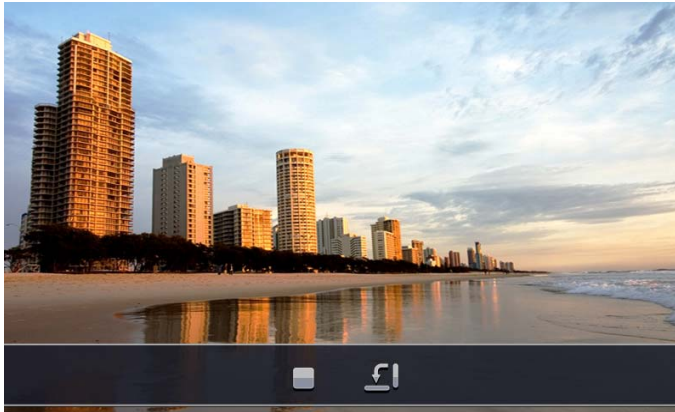
Function operation as below:

Icon	Button name	Function description
Interface title	DVD play	Display the name of current interface
15: 28	System clock	Display the currently system time
	Up button	Click on to scroll up.
	Down button	Click on to scroll down.
	Repertoire	Show the current repertoire and all total repertoire



	Broadcast schedule time	Show the current broadcast pace of songs.
	Play message	The previous line display current playing song,. long pieces will roll display.The next line list the song's ID3 information, including singer, album, time, genre and etc.
	Return to root directory button	If the media file in the disc is stored via different folders, click this button to return to the root directory menu, show folder name list. As shown in figure 4-2.
	Previous	Touch to play the last track of the song list.
	Next	Touch to play the next track of the song list
	Play/Pause button	Press to begin playback, press again to pause playback.
	Cycleplay button	Click it to Cycleplay the melody. Switch between the mode of Repeat one, Recycle currant file, Recycle all and cancel recycle.
	Digital keyboard	Click on the digital keyboard, input digital to do direct selections.
	EQ button	Press the icon to access the Equalizer menu.

4.2 Disc picture file play interface

Click the shade in bottom of the screen to reveal the stop and rotating button. Click again to hide the button.



4-5 Disc image files play interface

Icon	Button name	Function description
	Anti-clockwise button	Click the button, pictures anti-clockwise 90 ° and so on.
	Stop button	Press to return to image list interface


Warning: File with large image affects the display speed. So please use smaller image files to make sure you can view the picture fluently.







4.3 DVD video file play interface

Under the media playing mode, touch to go back to the DVD interface. (as the picture 4-3)



4-6 Disc video files play interface

Icon	Button name	Function description
	Retreat quickly	Click this button, the current video gets into 2 times fast rewind mode, switch between four times, 8 times, 16 times fast rewind mode and play mode.

Icon	Button name	Function description
	Previous	Touch to play the last track of the song list.
	Stop button	Press to return to image list interface
	Play/Pause button	Press to begin playback, press again to pause playback.
	Next	Touch to play the next track of the song list
	Fast forward	Click this button, the current video gets into 2 times fast forward mode, switch between 4 times, 8 times, 16 times fast forward mode and play mode.
	Track switching	When play VCD, it is LEFT switch; when play DVD, if the disc include many Audio track/Language information, click it to switch between different Audio track and different Language, if the DVD disc only have 1 Audio track, the click is invalid.

5. SD card and USB operation

Make sure the SD card is plugged in and USB connected with the system before using SD card and USB function. The system would switch to USB playing interface directly once USB has been connected well with the system.

Warning: In order to extend the life of the SD card, and to avoid reader errors, it is recommended that you don't pull out the SD card, please exit the SD card play and pull the card in the other function mode state.

5.1 SD card/USB video file playing interface






Enter the system main menu, click SD card/USB button to the corresponding function mode, click the other function button can exit this mode. The SD card and USB has the same playing interface, as picture 5-1:







5-1 SD Audio interface



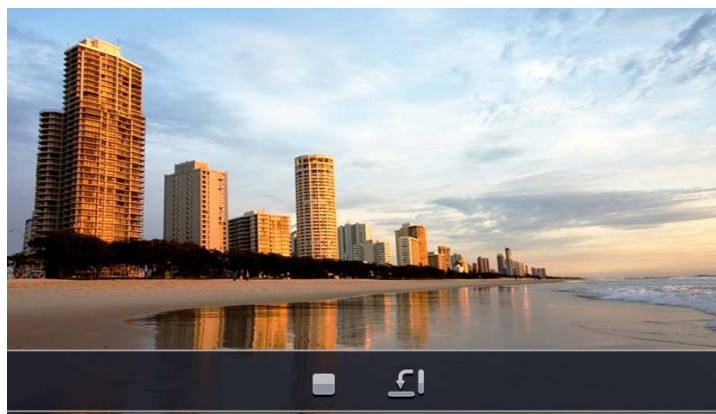
5-2 USB Audio interface

Icons	Button name	Function description
Interface title	DISC	Display the name of current pattern
15: 28	System clock	Display the current system time
	Up button	Click on to scroll up.
	Down button	Click on to scroll down.
2/21	Repertoire	Show the current repertoire and all total repertoire
00:01:42	Broadcast schedule time	Show the current broadcast pace of songs.
张学友: 想和你一唱片: 曲目: 年份: 流	Play message	Last row shows name of current melody and singer, Long melody is shown scroll bars. Next line shows the ID3 information, including Record, Melody, Year and Schools etc
	Return to root directory button	If the media file in the disc is stored via different folders, click this button to return to the root directory menu, show folder name list.
	Previous	Touch to play the last track of the song list.
	Next	Touch to play the next track of the song list



Icons	Button name	Function description
	Play/Pause button	Press to begin playback, press again to pause playback.
	Cycleplay button	Click it to Cycleplay the melody. Switch between the mode of Repeat one, Recycle current file, Recycle all and cancel recycle.
	Digital keyboard	Click on the digital keyboard, input digital to do direct selections.
	EQ button	Press the icon to access the Equalizer menu.

5.2 SD card/USB picture files play interface

Click the shade in bottom of the screen to reveal the stop and rotating button. Click again to hide the button.



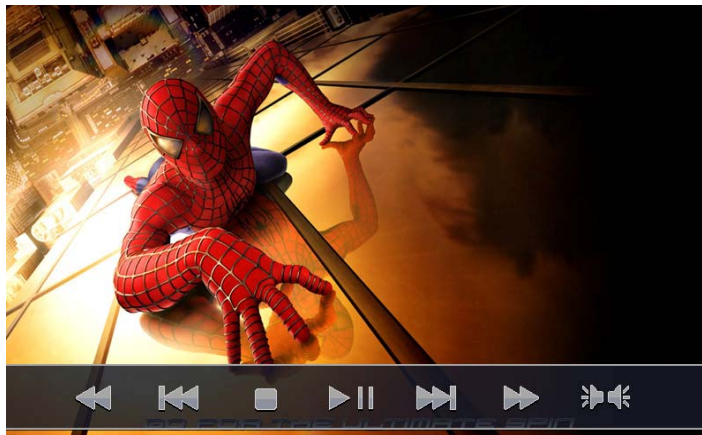
5-3 SD/USB picture files play interface

Icon	Button name	Function description
	Anti-clockwise button	Click the button, pictures anti-clockwise 90 ° and so on.
	Stop button	Press to return to image list interface








Warning: File with large image affects the display speed. So please use smaller image files to make sure you can view the picture fluently.

5.3 SD card/USB video files play interface

Click the bottom of the screen to reveal the play, pause, skip forward and rewind button. Click again to hide the button.



5-4 SD card/USB video files play interface

Icon	Button name	Function description
	Retreat quickly	Click this button, the current video gets into 2 times fast rewind mode, switch between four times, 8 times, 16 times fast rewind mode and play mode.
	Previous	Touch to play the last track of the song list.
	Stop button	Press to return to image list interface
	Play/Pause button	Press to begin playback, press again to pause playback.
	Next	Touch to play the next track of the song list
	Fast forward	Click this button, the current video gets into 2 times fast forward mode, switch between 4 times, 8 times, 16 times fast forward mode and play mode.
	Track switching	When play VCD, it is LEFT switch; when play DVD, if the disc include many Audio track/Language information, click it to switch between different Audio track and different Language, if the DVD disc only have 1 Audio track, the click is invalid.

6. Bluetooth function operation

This system provides BT communication function, if your cell phone have bluetooth function, it can establish point-to-point connection and dial-up on screen.

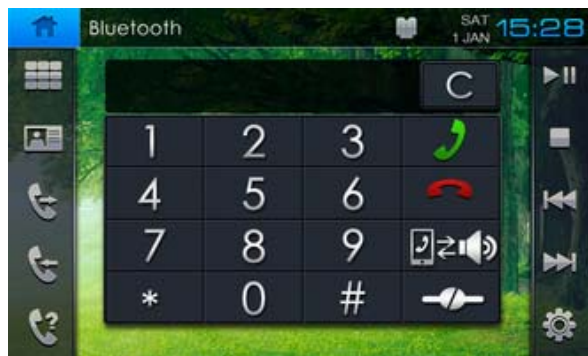
Warning: Since each brand of mobile phone use different bluetooth module technology and software, during the operation, there may be some differences on the function, maybe even can't be compatible, this situation can not be controlled by this system.

Please confirm the bluetooth function opened before using the bluetooth. Access the setup menu first, select the bluetooth open function in general set. As the picture 6-1



6-1 bluetooth on/off set


The bluetooth icon in the top right screen will not flashed when BT equipment has connected with the system. If not connected, the icon would flash.










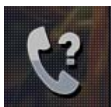



6-2 Bluetooth phone interface.

In the interface you can call or answer phone through the system screen.

See picture 6-2

Icon	Button name	Function description
	Bluetooth mark	The blue icon does not waver, means the BT is under connection; If it is waver, means the BT is not connected. If color is gray, means the BT is not turned on.

15: 28	System clock	Display the current system time
	Voice switching key	Switch the voice call from the vehicular speaker phone to mobile phone when you click the voice switching key during a conversation.
	Hold button	As the mobile phone hold button.
	Dial button	As the mobile phone dial button
	Delete button	Delete the wrong numbers in the message box.
	Pair/Matching	Click to pair .When the system and mobile phone signals obtained contact, the phone will display the name of the equipment, link mobile phone tip input devices link password (1234), the matchmaking after the success of screen display icon light, no longer flashing.
	Digital keyboard	Click on the digital keyboard, input digital to do direct selections.
	Phone book	Click to see five options,my phone book and SIM phone book, dialed calls, received calls, missed calls.
	Dailed call	Click to view dailed calls.
	Receieved call	Click to view received calls.
	Missed call	Click to view the missed calls.
	Setup	Click to setup bluetooth switch, automatic connection, automatic response.

6.11 Call functions

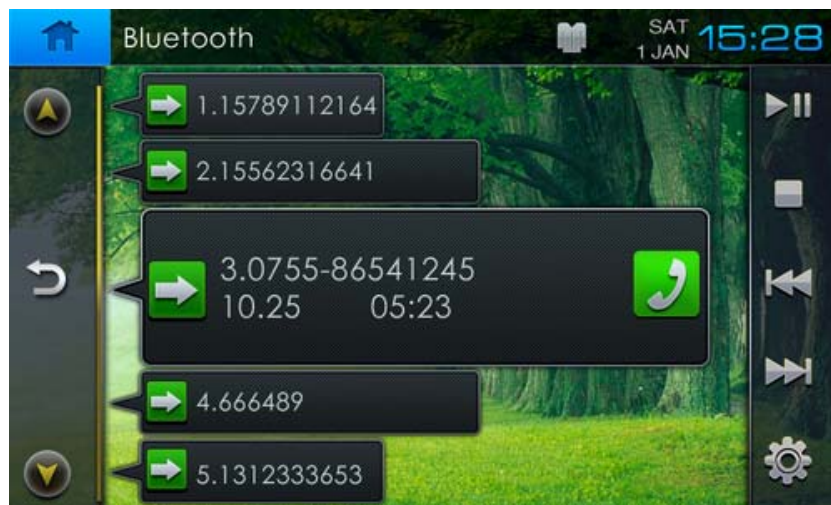
You can realize dialling through mobile phones or system screen, input phone number, clicking dial-up button (make sure the system and mobile phone already connection).

6.12 Answer the phone function

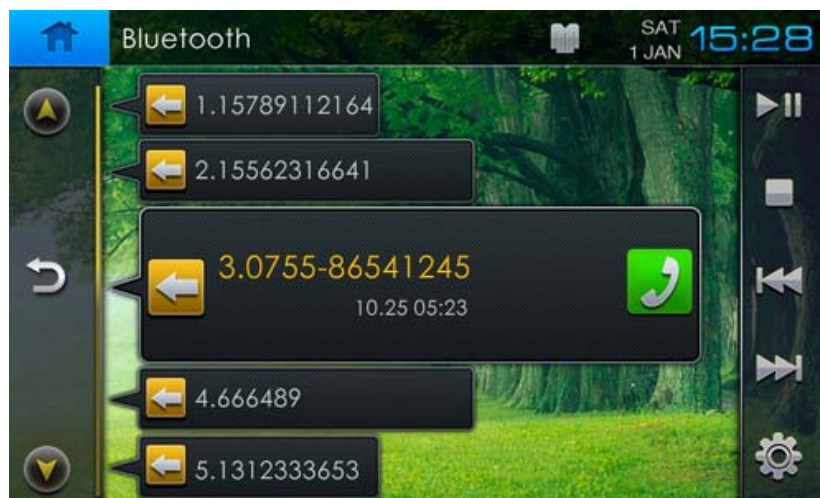
When the call in, the system will automatically switch to bluetooth interface from any function mode,press answer or reject on the interface to answer or refuse the call. In the process of calls, click the voice switching button to switch between the car speakers and cell phone, ensure your calling information security. The incoming call number will be displayed in the information box.

6.2 Check call records function

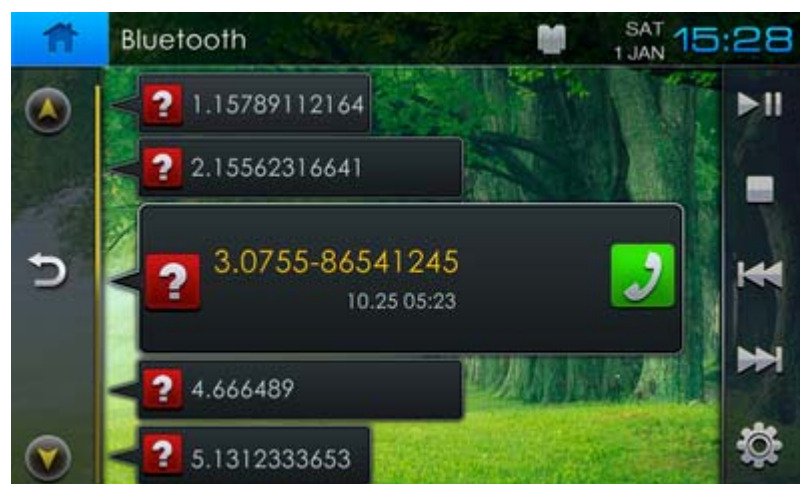
Click on the received call button to view received number(as shown in picture 6-3),



6-3 Received call interface




6-4 Dailed number interface



6-5 Missed call interface

6.3 Bluetooth Setup

Touch the icon  on the left side of the screen to eject the Bluetooth setup

interface, which includes the pairing mode, auto Connect and Auto Answer (see picture below). The interface returns to the keypad automatically if no action was taken within 8 seconds.





6-6 Bluetooth setup interface

Icon	Function description
Bluetooth switch	Including “yes and no”, two choices, when bluetooth is connecting with system, need to open pairing mode, and choose "yes" (pairing code is 1234); Click on the "no", the current connection can be disconnected.
Auto Connect	Including manual connection and automatic connection. When choosing auto connect, the host will connect with the mobile phone which had already been connected last time through bluetooth.
Auto Answer	Including “on or off” two choices, when choosing on, the host will answer the call automatically.

6.4 Bluetooth Streaming Music (A2DP)

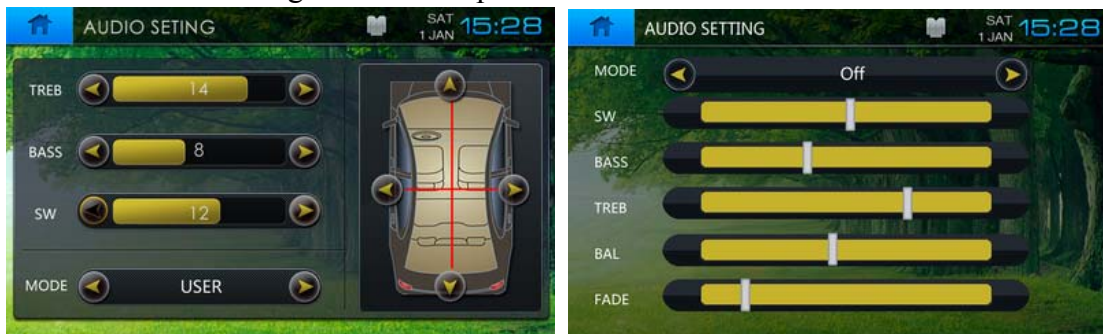
The bluetooth provides the Advanced Audio Distribution Profile (A2DP) for streaming music. Playback control is performed by the control bar in the transparent shade below.

Icon	Button	Function Description
	Play/Pause	Touch to play or pause the music playing
	Stop	Touch to return to the audio play list interface

	Previous	If the music starts playing for less than 2 seconds, touch it to play the previous file or you have to repeat the current music
	Next	Touch to play the next file.

7. EQ settings

Click the equalizer under each source playing mode to enter the EQ settings menu. Users can select the jazz, pop, classical, personality, rock, also can adjust the best audio effects according interest. See pictures below:

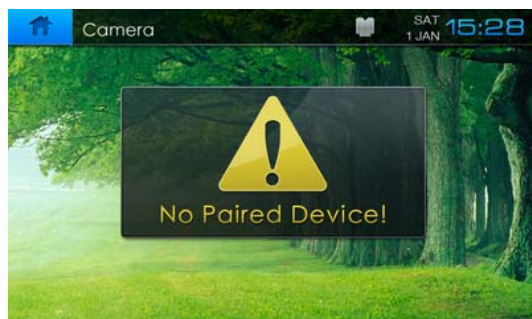


7-1 EQ settings interface

Icon	Button	Function Description
MODE	Sound mode switch	Music style Settings, switch the music style according to the right and left arrow.
Volume	volume switch	Switch the voice loudness according to the right and left arrow.
TREB	Treble	Sliding white long-shaped buttons to adjust the treble.
BASS	Bass	Sliding white long-shaped button to adjust the bass.
SW	Subwoofer	Sliding white long-shaped button to adjust the subwoofer
FADE	Fade	Sliding white long-shaped button to adjust the fade.
BAL	Balance	Sliding white long-shaped button to adjust the balance

8. Rear View Camera

Warning: The Camera function works only after the correct connection of rearview camera with our device.



8-1 No camera



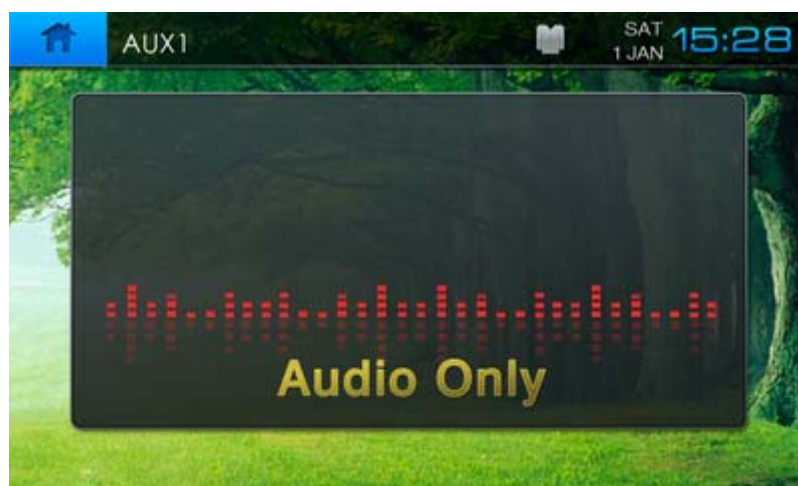
8-2 image from rearview camera

When reversing, if the car has not installed rearview camera, the screen will show “No Paired Device”, see picture 8-1.

If the car was installed with rearview camera and effectively connected, hang the reverse gear, the screen switches to the rearview camera function automatically, and display the scene video behind your car, see picture 8-2. When finished reversing, hang the forward gear, the system returns to the previous working mode automatically. Even not in reversing state, user can click Camera icon from main menu to enter rearview camera working mode, to check the condition behind the car.

9. AUX1/AUX2

The function is effective only after in connecting with external audio or video equipment.



9-1 AUX 1 AUX 2 interface

Our unit supports twin channel AUX input, eg: AUX1 and AUX2 which can both be connected with camera, game consoles, walkmans and other playback devices.

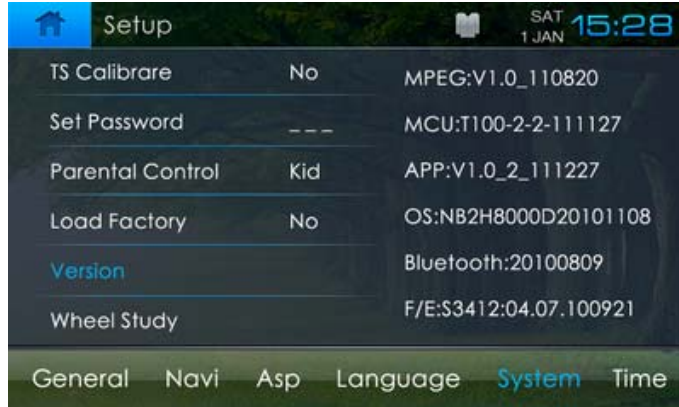
In AUX play mode, clicking the the upper left corner on the screen to return to the main menu.

10. System Setup

The setup menu contains the following: System setup, Audio setup, General setup, Language setup, Navigation setup, Time setup.

10.1 System setup

System Settings contains the following: TS Calibrare, Set Password, Parental Control, Load Factory, Version, Wheel Study. See below picture:



10-1 System setup interface

【TS Calibrare】: Choose to open or close touch screen.

【Password Setup】: The password contains four numbers, the factory default password is empty, i.e.: _ _ _ _ . To set password, click the "set password" option, input and confirm the password (4 numbers) into the eject digital keyboard, then the child resistant closure opens; Input the new password (4 numbers) and confirm make it effect, then child resistant closure closes. The original password is empty, when firstly use the the child resistant closure function, please set password, super password: 8888, which can open child resistant closure at any time.)

【Parental control】: Set age class, after choose age class, people belong to the age class need to input correct password to watch the Disc with child resistant closure function. There are 7 setting items: Children's level, PG, PG-13, PG-R, R, NG-17, Adult level.

【Load Factory】: Choose whether to do factory reset.

【Wheel Study】: Click to enter wheel study.

10.2 Audio setup

Audio setup contains: Bass frequencies, Treble frequency, Sub Filter, Bass Q Factor, see picture as below:



10-2 Audio setup interface

10.3 General setup

General setup contains: Beep, Camera, Bluetooth, Wallpaper, Radio Region, Parking, see picture as below:



10-3 General setup interface

【Beep】 :Choose to open or close Beep function.

【Camera】 :Choose to open or close rearview camera function.

【Bluetooth】 : Choose to open or close bluetooth function.

【Wallpaper】 : Select the wallpaper according to people's interest.

【Radio Region】 :Many countries for choice: USA, Europe, Japan etc.

【Parking】 :Choose to open or close the parking function.

10.4 Language setup

Language setup include: OSD language setup, Sub title language setup, Audio language setup, DVD language setup, see picture as below:



10-4 Language setup interface

【Osd language】 :Set the screen display language model, including English, French, Spanish, Chinese.

【Sub title language】 :Set the subtitles language, including English, French, Spanish, Chinese, automatic, and shut off.

【Audio language】:The audio language, including English, French, Spanish, Chinese.

【DVD language】 : The DVD language, including English, French, Spanish, Chinese.

10.5 Navigation setup

Navigation setup includes Navigation volume Setup, GPS time Setup, Daylight saving time setup, Path setup , Colour adjustment. See picture as below:



10.6 Time setup

Time setup includes Time setting and Date setting.



10-6 Time setup interface

Time setting: Click the time setting to eject the digital keypad "TIME/ AM/PM", click the keypad to set up the time. Click the AM/PM to select 12H or 24H.

Date setting: Click the date setting to eject the digital keypad "YY/MM/DD", click the keypad to set up the date. See picture.

11. Steering Wheel Function Study

Enter Setup menu, click on the "System Settings" button to the interface, choose "Wheel Study" to enter the steering wheel control interface.

The steering wheel keys function learning interface is below:



11-1 Steering wheel study interface

There are three modes of steering wheel function study: General, Mode 1 and Mode 2, different parameters are matching different vehicle series. The General and Mode 1 are suitable with most vehicles while Mode 2 is served to the special vehicles.

The learning process is as follows:

Enter the Wheel study interface, press the function key on the interface, then press the corresponding function key on the steering wheel. After learning, the key on the interface shows blue color. After learning all functions, press the top left corner to exit learning interface, the learning process is finished. If press the function key incorrectly during learning process, press setting option (mode1, mode2) to learn again.

System reset notes:

** Reset the DVD setting, the password and rating level of Parent control setting will not be changed.

**DVD reset is not same as system reset, DVD reset only recover the DVD to initial condition, other user settings unchanged;

**System reset is to delete all the user settings, restore to factory setting.