Foreword

Thank you for choosing this multi-media System as your new entertainment system .This onwer's manual will add to your understanding and full enjoyment of the numerous fine features of this system .

This system reserves the right to make changes in design and specification .

Warning: Changes or modifications to this unit 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.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

1. MAIN MENU(CONTROLS AND INDICATORS)

This unit contain Radio , DVD , Navigation , Bluetooth , iPod,   Rear view camera , SD, USB, AV IN, Setup ect. Touch icon on the main menu screen to enter the mode .

There are 2 pages main menu ,as shown in figure 1 ：interface 1 is main menu ， display main function , Sliding page to flip over . Page no is shown where you are .Interface 2 is root menu and touch icon to enter corresponding function ; Touch the left upper return icon to exit main menu and back to working interface ; Single touch the icon beside return button to turn off screen.

1-1.Main Menu interface

Icon	Button Name	Function description
	Navigation	Inserting the Map card and touch to enter NAVI interface ,refer to the Navi users manual .
	Setup	Touch to enter system setup .
	Radio	Touch to enter Radio 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 .
	iPod Playback	Touch to enter iPod playback interface .
	SD Card Playback	Inserting SD card and touch to enter SD playback mode .
	Bluetooth	Touch to enter Bluetooth mode

	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***
	Camera	"Camera"mode is only available when the camera is connected and when backing -up.To install a rear view video camera ,connect the camera video input cable to the rear view camera output cable .

2. TUNNER (FM/AM) OPERATION

Enter system main menu , touch the radio icon to enter radio mode ,touch other icon to exit ,the radio playback interface as shown in figure 1.

ƨ   Select FM/AM Band

Touch the Band on the screen to change among the following bands: FM-1, FM-2, FM-3, AM-1。

ƨ   Manual Tuning

● Press the icon (►) to increase the tuning frequency one step at a time.

● Press the icon (◄) to decrease the tuning frequency one step at a time.

● Or touch directly on the Manual tuning display to locate your desired stations.

Ꝣ   Storing a Station

Select a band (If needed), then select a station.

Example: FM1 103.6MHz

Touch and Hold for 3 seconds the desired preset number to store Radio station.

Ꝣ   Recalling a Station

Select a Band (If needed).

Touch On-screen preset buttons to select the corresponding stored stations or press the number button on the Radio panel.

Ꝣ   Auto Store (AS)

Press AS icon on the screen to automatically scan and store all stations in current band.

Ꝣ   Preset Scan (PS)

Touch the PS icon on the screen for scan the stations in the 6 preset channels in the current band.
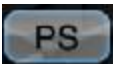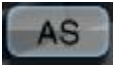
Ꝣ   Scan

Touch the   Scan icon on the screen to automatically scan all stations in current band to preview stations.

Press any to stop scanning and listen to the selected stations.

Ø 2-1. Radio interface

Icon	Button name	Function description
	Home Button	Touch to back to main menu .
10：30	**System clock**	Display current time ,press to enter screensaver .
	Left Open	Touch to open Hide button.
	Right Open	Touch to open Radio Preset frequency list.
98.60	**Current frequency**	Current frequency, ③is the NO. in preset list .
FM1	**Playing Source**	change among the following bands: FM-1, FM-2, FM-3 and AM, preset 6 station each band .
PS	**Program scan**	Press the PS button on the screen. Scan the stations in the 6 preset channels in the current band.
AS	**Auto store**	Press AS button on the screen to automatically scan and store all stations in current band.
9880	**activate/ deactivate Scan Mode**	Click on up/ down button to run number seeking the station ,Click on scroll pannel change to digit keyboard .
	seek up	Touch to down a step of the current frequency .

Icon	Button name	Function description
	seek down	Touch to up a step of the current frequency
	Frequency scale	Display current frequency and touch to select a new station .

3.   iPod Operation

Please Fist make sure of that your ipod/iphone connect to the DVD machine via USB, Then switch current source to iPod source by touching iPod icon on main menu or using "SRC" panel button. IPod function can be showed by picture 3 - 1 , 3 - 2 .

3-1

3-2

Icon	Button name	Function description
Interface title	**iPod play**	Display current interface
10：30	**System clock**	Display the currently system time,click to screen saver mode
	current play progress bar	Display the current playing song's progress time
	Play message	The previous line display current playing song,.the song name will roll display. The next line list the song's ID3 informations, including singer, album,time,genre and etc.
	Last song button	Touch to play the last track of the song list.
	Next song button	Touch to play the next track of the song list
	Play/Pause button	Press to begin playback.press again to pause playback.
	EQ button	Press the icon to access the Equalizer menu.

4 .   player function operation

This system player function can play DVD disc.It cancompatible with DVD/VCD/CD/MP3/WMA/JPEG/MPEG and other kinds of disc and multimedie 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 one time .

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

Ø   4.1 Audio files play interface

4-1 DISC audio play interface

4-2 multimedia format disc root directory menu

4-3 DVD picture play interface

Function operation as below：

Icon	Button name	Function description
Interface title	**DVD play**	Display the name of current interface
10:30	**System clock**	Display the currently system time
Artist Album	Play message	The previous line display current playing song,.the song name will roll display. The next line list the song's ID3 informations, including singer, album,time,genre and etc.
	Return to root directory button	If the media file is folder into different files,press this button into root directory ,then list all the files name. As the charts 4-2
	Last song button	Touch to play the last track of the song list.
	Next song button	Touch to play the next track of the song list
	Play/Pause button	Press to begin playback.press again to pause playback.
	Loop playback button	Press to loop playback. Press different times can switch from single repeat to folder repeat and all repeat and repeat off.
	Random play button	Press to switch the shuffle mode on or off.

Icon	Button name	Function description
⌨	Number button	Press to access the direct access song selection function.
◀⚙	EQ button	Press the icon to access the Equalizer menu.

Ø   4.2   Disc picture file play interface

Click the picture ,enter to see the picture as 4-4

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

图 4-4   disc picture file play interface

Icon	Button name	Function description
↺	Counter-clockwise button	Press this icon to rotate the image counter-clockwise in 90 degree increments.
↻	Clockwise button	Press this icon to rotate the image clockwise in 90 degree increments.
■	Stop button	Press to return to image list interface

Warning: File large image browse affect the display speed. So please use smaller image files to make sure you can view the picture fluent.

Ø   4.3   DVD video file play interface

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

5.   SD card and USB operation

Make sure the SD card input and USB connected with the system before using SD card and USB function.

The system would switch to USB playing interface directly when USB has connected well with the system.

> **For extend the service life of the SD card, we recommend to not extract SD card in use it.**

Ø   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 some playing interface as the 5-1 :

图 5-1 USB/SD Audio interface

Icons	Button name	Function description
Interface title	SD card play	Display the name of current pattern
21:09	System clock	Display the currently system time
Artist Album	Play message	The previous line display current playing song,.the song name will roll display. The next line list the song's ID3 informations, including singer, album,time,genre and etc.
	Return to root directory button	If the media file is folder into different files,press this button into root directory ,then list all the files name. As the charts 4-2.
	Last song button	Press to play the last track of the song list.
	Next song button	Press to play the next track of the song list
▶/‖	Play/Pause button	Press to begin playback.press again to pause playback.
	Loop playback button	Press to loop playback. Press different times can switch from single repeat to folder repeat and all repeat and repeat off.
	Random play	Press to switch the shuffle mode on or off.
	Number button	Press to access the direct access song selection function.
	EQ button	Press the icon to access the Equalizer menu.

Ø   5.2   SD card/USB image files play interface

Click the bottom of the screen can reveal the stop and rotating button. Click again can hide the button.

图 5-4   SD card/USB image files play interface

Warning: File large image browse affect the display speed. So please use smaller image files to make

Icons	Button name	Function description
	Counter-cloc kwise button	Press this icon to rotate the image counter-clockwise in 90 degree increments.
	Clockwise button	Press this icon to rotate the image clockwise in 90 degree increments.
	Stop button	Press to return to image list interface

Ø 5.3   SD card/USB video files play interface

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

图 5-5 SD card/USB video files play interface

Warning:SD card and USB are movable storage device, the system support stored MP3,WMA,JPEG,MPEG video files. As different brands have different standard in SD card and USB producing, some of SD card and USB may be not supported. Please use the SD card/Udisk from regular manufacturers.

6 . Bluetooth function operation

The system supports Bluetooth hand-free communication function, so if your cellphone have bluetooth function, it can establish point-to-point connection and dial-up on screen.

Warning: As different brands adopt different kinds of bluetooth technology and software , it may have discrepancy in using. Some even not compatible.This is not the problem of our bluetooth system. Sorry for the inconvenience.

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. The BT icon would flash if not connected.

图 6-2. Bluetooth phone interface.

Ø   6.1 Phone

You can dial and listen the phones by the system screen in dialer interface.
The specific as figure 6-2

Icon	Button name	Function description
✳	Bluetooth mark	The bluetooth icon flash means bluetooth be powered off , on the contrast, be powered on when the icon not flash.
10:30	System clock	Display the currently 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
←	Delect button	Delect the wrong numbers in the message box.

6.11   Dial function

Dial numbers from mobile phone or system screen. Click the dial button . 📞

6.12   telephone access listen to function

The system will change to BT function interface automatic from other function mode when a telephone access.It can also change the original mode voice to the caller ring tone.Click the voice switching button can switch the voice call from the vehicular speaker phone to mobile phone. ⏵⇄◀ The caller ID will

indicate in the message box.

Ø   6.2   Check call records function

Clicking this button on the screen can check call records (as the graph 6-3), double click the recorded number can call it. The interface will change to call interface after connected.

Music Playback Interface

Ø   6.3   Bluetooth Setup

Touch the icon on the left side of the screen to get access to the Bluetooth setup interface, which includes the pairing mode,auto answer and connect (see picture below). The interface returns to the keypad automatically when no settings are made.

Bluetooth setup interface

Icon	Function description
Pairing	Press the on-screen pair button to initiate the pairing,then select yes or no. If your mobile phone pop up a prompt requesting a pass key or pairing code after you select "Yes",enter "1234" to connect.The Bluetooth will be disconnected when you select "No".
Auto answer	When the auto answer is on, the unit will answer the call automatically.
Connect	Touch options to specify how incoming calls are handled: Auto connect: the unit will automatically connect the previous mobile phone. Manual connect

Ø 6.4   Bluetooth Streaming Music(A2DP)
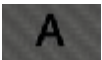
The bluetooth provides the Advanced Audio Distribution Profile (A2DP) for streaming music. Playback control are performed by the control bar in the transparent shade below.

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 into the EQ settings menu.You can select Jazz,Pop, Classical, Rock or User according to your preference in the EQ adjustment menu.See picture below:
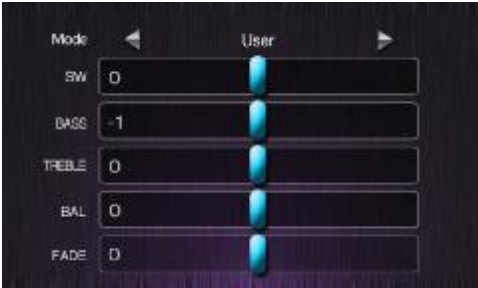
Icon	Button	Function Description
A	**Exit**	The Exit button is invisible. You can click to exit from the EQ settings
mode	**EQ mode switch**	You can switch the music genre by clicking the left and right arrows
sw	**Subwoofer**	Scroll the blue rectangular bar to adjust the subwoofer
bass	**Bass**	Scroll the blue rectangular bar to adjust the bass
treble	**Treble**	Scroll the blue rectangular bar to adjust the tremble
bal	**Balance**	Scroll the blue rectangular bar to adjust the balance
fade	**Fade**	Scroll the blue rectangular bar to adjust the fade

8 .   Rear View Camera

NOTE: only after you connect the rear view camera with our unit, the Camera function works.

Not connected with rear view camera
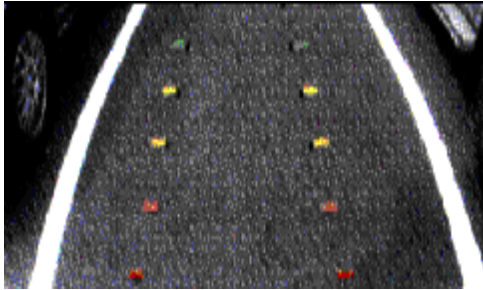
Camera image with rear view camera connection

When the camera is installed, the rear view image of what's behind the vehicle will appear when the vehicle is placed in reverse gear. See picture above.When you place the forward gear, the unit returns to the previous working mode automatically.

If no camera is installed, when you place the reverse gear or click the Camera icon in the main menu, unit displays " No signal input" see picture above

You can also watch what's behind the vehicle when camera is installed under the camera interface.

9.   AUX1/AUX2

NOTE: The AUX1/AUX 2 is available only the unit is connected with the external

A/V device,otherwise prompt shows "No signal input"
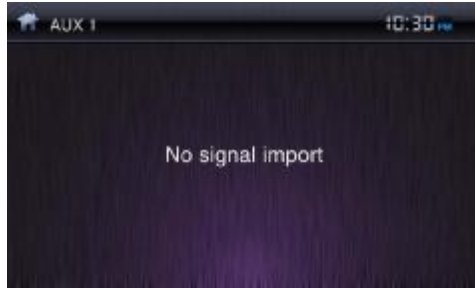
AUX 1:No signal input
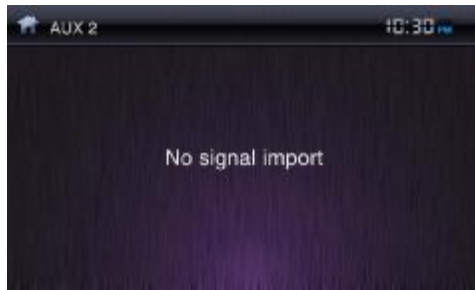
AUX 2:No signal input

Our unit supports bothAUX1 and AUX2 Inputs,each input can be connected with camera, game consoles,walkmans and other playing devices.

If there is no signal, screen displays "No signal input".You can click the upper left corner to return to main menu.

10.　System Setup

　　System setup consists of 6 sub-menu settings: system settings, ASP settings,general settings, language settings,Navigation settings and time settings.

Ø　10.1 System settings

　　In system settings, there are calibration,set password,Parental control,Factory default. See picture below:

System settings interface

TS Calibration: After selecting "Yes",a crosshair + appears in a corner quadrant of the screen.To begin calibration,press and hold the crosshair for one second until t moves to the next quadrant.Continue for eash quadrant until the calibration is completed.

Set password: Enter a 4-digit password to activate the "Parent Control" function.To reset the password, access the "Set Password" option and enter the current password to unlock the field.Access the "Set Password" again once unlocked and enter a new password.(the default password is blank,you can enter 8888 to unlock the parent control anytime.

Parent Control: Select the appropriate rating level for the inteded audience.You may override higher ratings by using your password.

Factory default: Select "Yes"to restore the factory default settings for the rating system only.

Ø 10.2 ASP settings

ASP settings has four sub-menu settings:Bass Freq, Tremble Freq, Sub Freq and Bass Q factor. See picture below:

Ø 10.3 General settings

General settings has five sub-menu settings:Beep, Camera, Bluetooth, Wallpaper and Version .See picture below

Beep: when turned on, an audible beep tone confirms each function selection.

Camera: when turned on, the rear view camera function is on.

Bluetooth: when turned on, the bluetooth is on.

Wallpaper: Select the wallpaper according to your preference.

Version: software version information display

Ø   10.4   Language settings

Language settings has three sub-menu settings: OSD language, Subtitle language and
audio language.See picture below.

OSD language:set the show-on screen language display,language options include
    English, France, Spanish and Chinese.

Audio language: set audio language display.language options include English, France,
    Spanish and Chinese.

Subtitle language: set the subtitle language.language options include English, France,
    Spanish, Chinese,automatic and off.

Ø   10.5   Navi setting

Navi settings includes: Navi volume,GPS time, Navi setting

Ø 10.6   Time setting

Time setting includes: time setting and date setting. See picture below

Date setting   **Time setting**

Date setting: click the date setting and pop up the keypad " MM/YY/DD", then click the numeric keypad to set the date.

Time setting: click the date setting and pop up the keypad " AM/TIME/ PM", then click the numeric keypad to set the time.Click the AM/PM to select 12H or 24H.

Please pay attention to the following tips when reset the DVD rating level:

**Input the password to unlock the field,then the password is cleared.In order to validate the password please re-enter the password.

**The rating of each disc is marked on the disc,disc packing or document.If the rating is not available on the disc, the parental lock feature is unavailable.Some discs restrict only parts of the disc and only the appropriate content will be displayed.

11. Steering Wheel   Function Study

Enter into the setup interface, click the others to enter the other settings interface.The steering wheel function study interface is as below:

The Steering Wheel Function Study goes as:

Enter into the study interface, click the function key, and push the same buttons on the steering wheel. After the study is completed,the function key will be turned into blue.After all the functions study is finished,click the upper left corner to exit the study interface.If you push the wrong buttons on the wheel,please click the study mode options(such as general, mode 1 and mode 2) to do the study again.

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

System reset notes:

** If you reset the DVD settings, the Parent control password and rating level setting will not be changed.

** Please note that DVD reset is different with system reset.DVD reset is only to restore the DVD loading settings with other settings unchanged.System reset is to erase all the user settings to restore the factory default settings.