






③ To switch again to the other caller, press the **Switch** button or the  key on the steering wheel. The other call will be received and the previous call will switch back to call waiting.

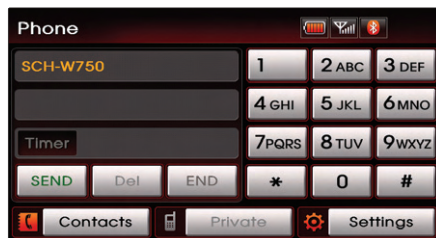
INFORMATION

Press the **End** button or the  key on the steering wheel to end the current call and call waiting.

Ending a call



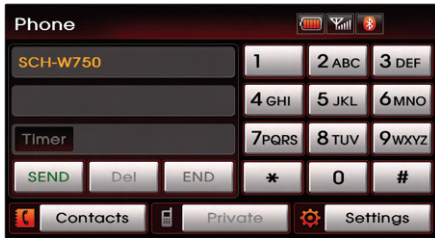
① To end a call, press the **End** button or the  key on the steering wheel.



② The call will be ended.

Phone Book

Making a call from the Phone book



1 Press the **Contacts** button on the PHONE screen.



2 The phone book list will be displayed.

i INFORMATION

- The system may begin to slow down when downloading the phone book in some mobile phones.
- Upon connecting a mobile phone, the phone book lists saved in the mobile phone will automatically be downloaded. The phone book download function may not be supported in some mobile phones.



3 Select the number you wish to call from the phone book list and press the **SEND** button.



4 The call will be made to the selected number.

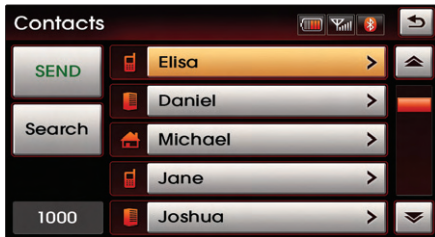
i INFORMATION

- When there are more than 2 numbers saved in one phone number list, if the list is repeatedly selected, the registered phone numbers will be displayed sequentially on the list.
- The Mobile Phone/Office/Home categories received via the mobile phone may differ from the information actually stored in the mobile phone.
- Select the phone number you wish to connect by repeatedly selecting the phone number list and press the **SEND** button to make the call to the selected number.

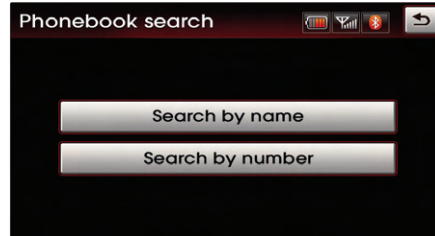
Searching the Phone Book



- 1 Press the **Contacts** button on the PHONE screen.



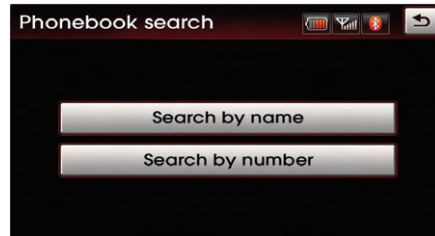
- 2 Press the **Search** button on the Contacts screen.



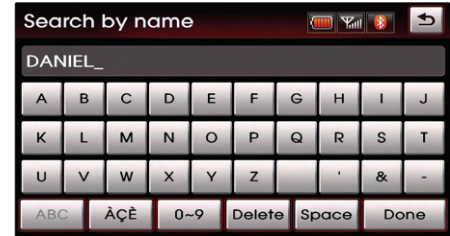
- 3 Phone numbers can be searched by either **Search by name** or **Search by number**.

From the two methods, select the search method you wish to use.

■ Searching by name



- 4 Press the **Search by name** button on the Phonebook search screen.

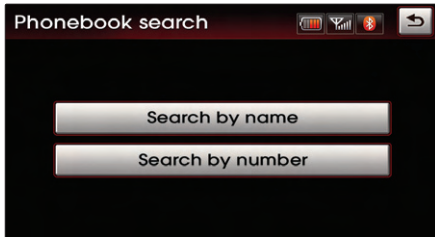


- 5 Input the name you wish to search and press the **Done** button.



- 6 The search results will be displayed on the screen.

■ Searching by number



4 Press the **Search by number** button on the Phonebook search screen.



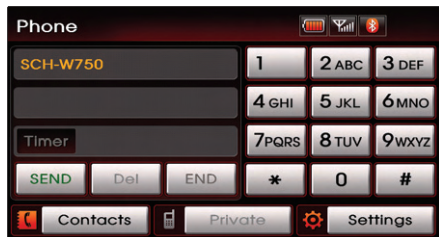
5 Input the phone number you wish to search and press the **Done** button.




6 The search results will be displayed on the screen.

Call History List

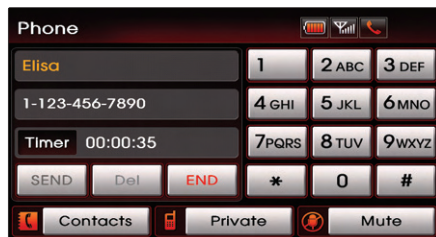
Making a call from Call history



- 1 Press the **SEND** button on the PHONE screen or press the  key on the steering wheel.



- 2 The call history list will be displayed. Select the number you wish to call from the call history list and press the **SEND** button.



- 3 The call will be made to the selected number.

Sorting call history



- 1 The call history can be displayed by sorting the incoming calls, outgoing calls and missed calls.
- 2 When pressing the **Dial**, **Received**, or **Missed** button, the corresponding call history list will be displayed.

■ Dialed number



■ Missed number



■ Received number



i INFORMATION

If there are no entries saved in the **Dialed**, **Received**, or **Missed** lists, the corresponding button will be inactive. Up to 20 entries can be saved in each list.

Phone Music

Before playing Phone music

Music saved in the mobile phone can be played in the car through Bluetooth audio streaming.

Phone music can be played only when a Bluetooth phone has been connected. To play phone music, connect the Bluetooth phone to the car system. For more information on connecting Bluetooth, please refer to the user's manual [Pairing and Connecting a Bluetooth phone].

If the Bluetooth is disconnected while playing phone music, the music will be discontinued. The audio streaming function may not be supported in some mobile phones.

Only one function can be used at a time between the Bluetooth handsfree or Phone music function.

For example, if you convert to the Bluetooth handsfree while playing Phone music, the music will be discontinued.

Playing music from the car is not possible when there are no music files stored in the mobile phone.

Starting Phone Music



- 1 Repeatedly press the **CD/AUX** key on the front panel or the **MDOE** key on the steering wheel to enter Phone music mode.

i INFORMATION

Each press of the **CD/AUX** key on the front panel will change the function in the order of DISC → USB or iPod → AUX → Phone Music → DISC.

Each press of the **MODE** key on the steering wheel will change the audio mode in the order of FM1 → FM2 → AM → SIRIUS1 → SIRIUS2 → SIRIUS3 → DISC → USB or iPod → AUX → Phone Music → FM1.

It is not possible to enter Phone music mode if the mobile phone is not connected or if the audio streaming setting within Bluetooth handsfree settings has been set to [Disable streaming audio].

For more information on audio streaming setting, please refer to the user's manual [Bluetooth settings > Setting Audio streaming].



② The Phone music screen is displayed.

i INFORMATION

While music saved in the mobile phone will automatically begin playing after converting to the Phone music screen, this music player function may not be supported in some mobile phones.

If music does not begin playing even after converting to the Phone music screen, try starting the music directly from the mobile phone.



Phone music screen layout



- ① Information Bar : displays information for the currently playing song.
- ② File Down button : plays the previous song.
- ③ Play/Pause button : Plays/pauses the song.
- ④ File Up button : plays the next song.

Selecting Phone music files



1 Press the ,  buttons on the Phone music screen or the **SEEK ▲**, **TRACK ▼** keys on the system.

The previous or next song will be played each time the button or key is pressed.

i INFORMATION

The file selection function may not be supported in some mobile phones.

Bluetooth settings

Pairing and connecting a mobile phone

For more information on pairing and connecting a mobile phone, please refer to [Pairing and Connecting a Bluetooth phone].

Setting mobile phone auto connect priority

INFORMATION

After turning on the car ignition and the system is booted up, the Bluetooth connection between the car system and mobile phone is automatically made.

The Bluetooth connection will be conducted in the order of mobile phone priority.

The auto connect priority will be supported only for previously paired mobile phones.





① Press the **Settings** button on the PHONE screen.



② Press the **Priority** button on the Settings screen.



③ The paired mobile phone list and the mobile phone connection priority will be displayed.

When wishing to change the priority order, select the mobile phone from the list and use the ,  buttons to change its priority.

Press the **Done** button to save the changed mobile phone priority.

Setting Handsfree volume



1 Press the **Settings** button on the PHONE screen.



2 Press the **Volume** button on the Settings screen.

i INFORMATION

The Bluetooth handsfree volume can be adjusted only when a mobile phone has been connected.

The **Volume** cannot be set if no mobile phone has been connected.



3 Use the **<**, **>** buttons to set the desired volume on the Phone volume screen. Press the **Done** button to save.

i INFORMATION

While on a call, turning the **POWER** knob to the left/right or pressing the **^VOL v** key on the steering wheel will also adjust the call volume.

If the call volume is set too high, the loud incoming call bell may cause a traffic accident.

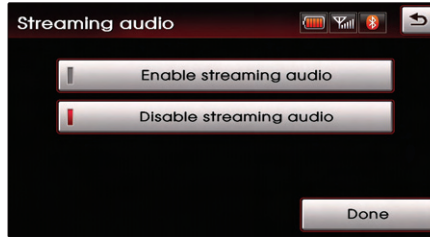
Setting Audio streaming



1 Press the **Settings** button on the PHONE screen.



2 Press the **Streaming audio** button on the Settings screen.



3 Streaming audio setting is selected.

i INFORMATION

Enable streaming audio: Repeatedly press the **CD/AUX** key or the **MODE** key to enter Phone music mode. Phone music can be played through Bluetooth audio streaming.

Disable streaming audio: Even if the **CD/AUX** key or the **MODE** key is repeatedly pressed, will not enter Phone music mode. Phone music through Bluetooth audio streaming is not supported.

Advanced settings

Bluetooth advanced settings can be changed. Enter advanced settings through the following way.



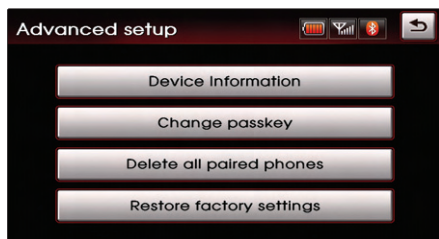
1 Press the **Settings** button on the PHONE screen.



2 Press the **Advanced setup** button on the Settings screen.

i INFORMATION

For safety reasons, operation of Advance setup is not possible when the vehicle is in motion. Please park in a safe place to make changes to Advanced setup.

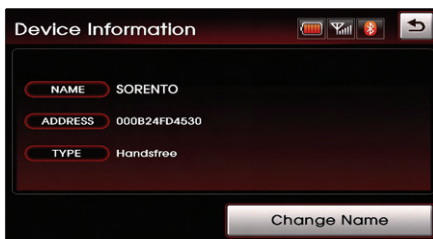


③ The Advance setup screen will be displayed. In Advance setup, the following four settings can be made.

■ Searching and modifying my device properties



④ Press the **Device information** button on the Advance setup screen.



⑤ Displays the Device information such as the name and address of the car system. To modify the device name, press the **Change name** button.



⑥ Use the key pad to input the Device name you wish to modify.

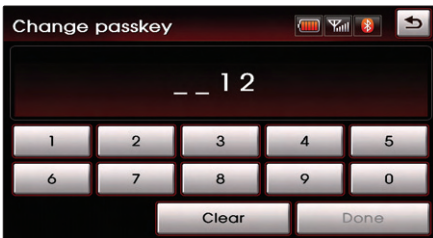


⑦ After inputting is complete, press the **Done** button to save.

■ Changing passkey



④ Press the **Change passkey** button on the Advance setup screen.

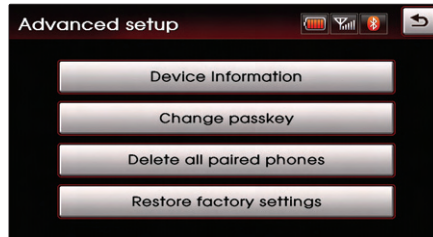


⑤ Once the Change passkey screen is displayed, input the desired passkey and press the **Done** button.

i INFORMATION

The passkey is a 4-digit authentication code used for a Bluetooth connection between the mobile phone and car system. The default passkey is set to 0000.

■ Deleting all paired phones



④ Press the **Delete all paired phones** button on the Advance setup screen.



⑤ A pop-up asking whether you wish to delete all paired phone will be displayed. Press the **Yes** button to delete all paired phones and the **No** button to cancel.

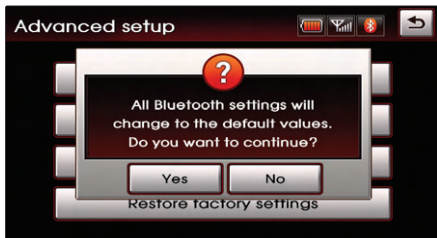


⑥ If **Yes** button is pressed, all currently paired phones will be deleted.

■ Initializing Bluetooth handsfree



- 4) Press the **Restore factory settings** button on the Advance setup screen.



- 5) A pop-up asking whether you wish to initialize the Bluetooth handsfree will be displayed. Press the **Yes** button to initialize the Bluetooth handsfree system and the **No** button to cancel.

i INFORMATION

Upon initializing the Bluetooth handsfree, the entire paired phone list will be deleted and all Bluetooth related settings will be restored to factory state.



- 6) If **Yes** is pressed, the Bluetooth handsfree settings will be initialized.

Important information

About pairing mobile phones

Q. I cannot search for mobile phones through the car system. What is the cause?

A. Check to see whether the mobile phone you wish to connect supports Bluetooth function. If your mobile phone supports Bluetooth, check to see that whether the Bluetooth settings in the mobile phone have been set to hidden state or if the Bluetooth power has been turned off. If the device has been set to hidden, release the hidden state and if the Bluetooth power has been turned off, turn the power ON and try searching again.

Q. What is the difference between pairing a mobile phone and connecting a mobile phone?

A. Through a two-way passkey between the car system and mobile phones, up to 5 mobile phones can be paired with the car system. The paired mobile phone will remain paired with the car system until the user deletes it manually.

In addition, the call history lists and phone number books saved in each mobile phone will also be maintained until the paired phone is deleted. For more information on pairing mobile phones, please refer to the manual [Pairing and Connecting a Bluetooth phone > Pairing a mobile phone].

Connect a mobile phone to Bluetooth by selecting the desired mobile phone from the paired phones. Within the car system, only one Bluetooth phone can be connected at one time. For more information, please refer to the manual [Pairing and Connecting a Bluetooth phone > Pairing a mobile phone].



Q. What is a Passkey?

A. A passkey is an authentication code used for two-way authentication of the car system and the mobile phone.



Only 4-digit numbers can be used as passkeys. Passkeys are registered only once when pairing the phone number for the first time. The factory-set passkey is 0000.

About making/answering phone calls

Q. How can I answer a call?

A. When you receive an incoming call, press the  key on the steering wheel or the **Accept** button on the PHONE screen to answer. To reject the incoming call, press the  key on the steering wheel or the **Reject** button on the PHONE screen.

Q. What should I do if I am talking on the Handsfree but wish to switch the call to the mobile phone?

A. To switch the call to the mobile phone, press the **Private** button on the PHONE screen or press and hold (over 0.8 second) the  key on the steering wheel. If you wish to switch the call back to the car handsfree, press the **Use handsfree** button on the PHONE screen or press and hold (over 0.8 second) the  key on the steering wheel.

About Bluetooth device environment

Q. What is the range for Bluetooth wireless connection?

A. The wireless connection range is within 10 meters.

Q. How many mobile phones can be paired?

A. It is possible to pair up to five phones with the car system.

Q. What is the reason why the call quality deteriorates?

A. First, check to see the signal strength of the mobile phone. The call quality may deteriorate when the signal strength is low. Call quality may also deteriorate if metal objects, such as drink cans, are placed near the mobile phone.

PART 6 REAR SEAT ENTERTAINMENT SYSTEM (RSE)

PART 6 REAR SEAT ENTERTAINMENT SYSTEM (RSE)

REAR SEAT ENTERTAINMENT SYSTEM (RSE) (IF EQUIPPED)	6-2
Important Safety Information	6-2
Product Characteristics	6-3
Display	6-3
DVD Player	6-3
Others	6-3
Name and function of system parts	6-4
REAR Roof Mount Monitor	6-4
REAR DVDP DECK	6-5
Rear Wireless Headset	6-6
Rear Remote Controller	6-6
Operating the Rear (RSE) System	6-7
Starting the System	6-7
Turning Off the System	6-8
Methods of RSE System Operation	6-8
Operating the RSE System	6-8
Adjusting the Screen Settings for the RSE (REAR) System	6-8
DVDP/AUX	6-9
Starting DVDP/AUX mode by use of Roof Mount Monitor	6-9
Starting DVDP/AUX mode by use of Rear remote control	6-9
CD	6-9
Starting CD mode	6-9
CD mode menu screen configuration	6-10
Selecting a track with the Remote Contoller & Searching a playing track	6-10
MP3	6-11
Starting MP3 mode	6-11
MP3 mode menu screen configuration	6-11
Selecting a file with the Remote Contoller & Searching a playing file	6-12
MP3 LIST menu screen configuration	6-12

PART 6 REAR SEAT ENTERTAINMENT SYSTEM (RSE)

PART 6 REAR SEAT ENTERTAINMENT SYSTEM (RSE)

VCD	6-13	DVD	6-15	AUX (auxiliary device input)	6-19
Starting VCD mode	6-13	Starting DVD mode	6-15	Starting AUX mode	6-19
VCD mode menu screen configuration	6-13	Contents of DVD Title	6-15	Connecting an external VIDEO player	6-20
Selecting a track with the Remote Contoller & Searching a playing track	6-14	DVD region code	6-15		
Using the PBC function	6-14	DVD mode menu screen configuration	6-16		
		DVD mode setting	6-17		
		Setting voice language	6-17		
		Setting subtitle language	6-17		
		Setting menu language	6-17		
		Searching title/chapter	6-18		
		Using the Interactive Menu	6-18		

REAR SEAT ENTERTAINMENT SYSTEM (RSE) (IF EQUIPPED)

Important Safety Information

Please read the following for safety precautions.

WARNING!

Ignoring the warnings listed within this user manual may cause fatal or serious injuries. Warnings indicate matters which may directly lead to accidents.

CAUTION!

Ignoring the cautions listed within this user manual may lead to accidents or injury. Cautions indicate matters which may lead to vehicle damage or malfunction.

INFORMATION

Information which the user must observe in order to prevent vehicle damage or malfunction.

Warnings which must be observed in the case

of vehicle malfunction.

Information which the user must have prior knowledge of.

Information which allows for more convenient operation.

Closely observe and comply with the following cautions before using the product. All problems which occur in violation of the following will not be the responsibility of the manufacturer.

For user and passenger safety, please read the user manual carefully before using the product.

1. Do not disassemble, assemble, or modify the RSE system.
2. Set the volume to a level which allows the driver to be aware of external conditions.
3. Do not operate the RSE system for prolonged periods of time with the vehicle ignition turned off. Such operations may lead to battery discharge.
4. Be cautious not to spill water or introduce foreign objects into the device.

5. Opening the Roof Monitor with excessive force may lead to damage.
6. In case of product malfunction, please contact your place of purchase or After Service center.

CAUTION!

When cleaning this product, make sure to turn off the device and use a dry and soft cloth. Never use harsh materials, chemical cloths, or solvents (alcohol, benzene, thinners, etc.) as such materials may damage the device panel or cause color and quality deterioration.

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.

⚠ WARNING !

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Product Characteristics

This device is a total AV system supporting audio CD, MP3, VCD, DVD and AUX. With a WIDE VGA LCD (176.7 X 99.4mm.), this device allows for powerful sound and driving enjoyment.

Dolby	Dolby	Dolby Digital
	Logo	
	Notice	Manufactured under license from Dolby Laboratories. Dolby and double-D symbol are trademarks of Dolby Laboratories.
DVD FLLC	Notice	DVD Video Player
	Logo	
Macrovision	Notice	U.S. Patent Nos. 4,631,603; 4,577,216; 4,819,098; 4,907,093; and 6,516,132
		This product incorporates copyright protection technology that is protected by U.S patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

■ Display

Large-size (176.7 X 99.4mm) WIDE VGA LCD with CCFL installed large-size (176.7 X 99.4 mm) WIDE VGA LCD provides high viewing pleasure.

With NORMAL, FULL, WIDE screens, the display can be selected in accordance to user preference and video suitability.

■ DVD Player

Auto Play function

Inserting an audio CD, MP3, VCD, DVD will automatically turn on the device and begin playing. (Auto conversion to Roof Monitor)

PBC support (PLAY BACK CONTROL)

The various information encoded in the Video CD can be enjoyed by using the interactive menu encoded in MPEG1 Version 2.0 Video CD discs.

■ Others

Digital screen control function

The brightness, saturation, hue and contrast of the screen can be easily adjusted.

PART 6 REAR SEAT ENTERTAINMENT SYSTEM (RSE)

Name and function of system parts

■ REAR Roof Mount Monitor



- 1 Used to pause or replay the current file on the RSE system.
- 2 Used to return to the previous screen. (When moving to the parent menu from the child menu (menu which is one level lower), there will be no operation within the main menu screen or other screens.)
- 3 Switches to the DVD/RSE AUX mode.
- 4 Used to move the select area leftwards.
- 5 Used to move the select area rightwards.
- 6 Used to move the select area upwards.
- 7 Used to move the selected area downwards.
- 8 Used to select the button within the selected area.

- 9 Used to make screen setting for the mode currently operating on the RES system.
- 10 Used to display the menu for the mode currently operating on the RSE system.
- 11 Used to turn the power of the RSE system on/off.
- 12 This switch is used to open the REAR monitor.
- 13 Earphone connection terminal
- 14 Earphone volume controller
- 15 A receiver is installed within the Remote Controller.
- 16 A device which transmits signals to the infrared wireless headset is installed.

■ REAR DVDP DECK



- 1 This switch is used to eject the DISC from the REAR DVDP DECK.
- 2 If a disc, such as a CD/MP3/VCD/ DVD title, is inserted in the DISC slot, the corresponding mode will automatically be recognized and displayed on the screen. If a disc is inserted while the power is OFF, the power will be turned on automatically and the corresponding mode will become displayed.
- 3 Display when a DISC has been inserted.
- 4 An auxiliary AUDIO & VIDEO player (camcorder, vehicle VCR, etc.) can be connected for viewing.)

PART 6 REAR SEAT ENTERTAINMENT SYSTEM (RSE)

■ Rear Wireless Headset



- 1 This is used to turn the power on/off.
- 2 This is used to make volume adjustments.

⚠ CAUTION!

The power button and volume are positioned at the left side of the headset. Wearing the headset with the left and right-side reversed may reduce sound quality and reception. Check to see that the headsets are properly worn.

■ Rear Remote Controller



- 1 Used to turn the power of the RSE system on/off.
- 2 Used to illuminate the remote controller when the interior of the vehicle is dark.
- 3 Used to operate the DVDP mode.
- 4 Used to operate the AUX mode.
- 5 Used to make screen settings for the mode currently operating on the RSE system.
- 6 Used to display the menu for the mode currently operating on the RSE system.
- 7 Used to display the SEARCH screen while in DVD/VCD mode.
- 8 Used to return to the previous screen. (When moving to the parent menu from the child menu (menu which is one level lower), there will be no operation within the main menu screen or other screens.)

- 9 Used to move the select area upwards.
- 10 Used to move the select area leftwards.
- 11 Used to move the select area rightwards.
- 12 Used to move the selected area downwards.
- 13 Used to select the button within the selected area.
- 14 Used to operate the SEEK or TRACK selection function in accordance to the currently playing AV mode.
- 15 Used to operate the FF/REW functions for the current AV mode.
- 16 Used to set the DVD menu.
- 17 Used to pause or replay the current file on the RSE system.
- 18 Used to sets the DVD title.
- 19 Used to change the DVD AUDIO language.
- 20 Used to change the DVD SUBTITLE.
- 21 Used to change the DVD ANGLE.

Operating the RSE System


■ Starting the System

- ① Position the ignition key onto ACC or ON.
- ② If **PWR** button on the Root Mount Monitor or the **①** button on the remote controller is pressed, the AV system will turn on and display the most recently operated mode. (EX: turning on the system will display DVD mode if the last operated mode prior to turning off the system had been DVD)













PART 6 REAR SEAT ENTERTAINMENT SYSTEM (RSE)





■ Turning Off the System





① If **PWR** button on the Root Mount Monitor or the  button on the remote controller is pressed while the RSE system is operating, the Rear AV system will stop operation and turn off.


■ Methods of RSE System Operation

① The RSE system is operated by using the     and  key on the Root Mount Monitor,     key and  key on the remote controller.





■ Operating the RSE System

① Press one of the     keys on the remote controller to display a select area.











② If the     key button on the remote controller is pressed, the select area will move in the direction of the pressed button.

Move to the desired direction and press the  key on the remote controller to select the current button.

③ If there are no operations for 10 seconds,

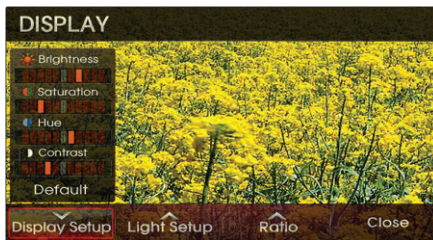
the select area will disappear. Re-pressing one of the     keys will re-create the select area.

INFORMATION

The     and  keys on the REAR Roof Mount Monitor and the     and  keys on the Remote controller are used to conduct the same functions.

■ Adjusting the Screen Settings for the RSE (REAR) System

Adjusting the Video Screen Quality

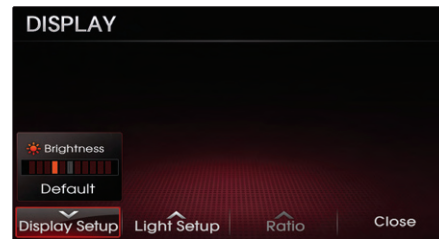


① Press the **DISPLAY** button on the Roof Mount Monitor or the **DISP** button on the Remote Controller to display the semi-transparent video mode screen set-

ting menu on the screen.

② The 4-direction keys on the Roof Mount Monitor or the Remote Controller can be used to make adjustments to the brightness, saturation, hue, contrast, day night, auto-light, screen ratio, etc.

Adjusting the Non-Video Screen Quality



① Press the **DISPLAY** button on the Roof Mount Monitor or the **DISP** button on the remote controller while non-video mode is playing to display the non-video mode screen setup menu.

② Use the 4-direction keys on the Roof Mount Monitor or the Remote Controller to adjust the brightness, day/night modes and Auto Light function.

i INFORMATION

Upon selecting DAY LIGHT, the bright screen is always maintained regardless of the on/off state of the car taillights. However, brightness may be set to 90% in accordance to the external auto light sensor.

Upon selecting AUTO LIGHT, the display is automatically brightened or darkened in accordance to external brightness.

DVDP/AUX

■ Starting DVDP/AUX mode by use of Roof Mount Monitor

- 1 Press the the **MODE** button key on the Roof Mount Monitor.
- 2 Pressing the the **MODE** button key will change the mode in the order of DVDP/AUX/ DVDP mode.

■ Starting DVDP/AUX mode by use of Rear remote controller

- 1 Press the the **DISC** button key on the Rear Remote Controller to enter DVDP mode.
- 2 Press the **AUX** key on the Rear Remote Controller to enter AUX mode.

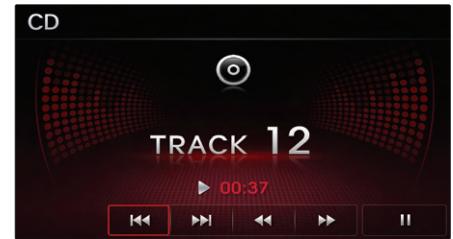


INFORMATION

If there are no discs already inserted in the DVD player, pressing the **DISC** key on the remote controller will not begin mode operation.

CD

■ Starting CD mode



- 1 Press the **MODE** key on the Roof Mount Monitor or the **DISC** key on the Rear remote controller to change to DVD Player mode.
- 2 If a CD is inserted in the DVD player, the CD mode screen will be displayed.

■ CD mode menu screen configuration



- 1 Mode display : This displays that the current mode is CD mode of the DVD Player.
- 2 TRACK DOWN button : The start of the current or previous track will begin playing. The start of the current track will begin playing if the track has played for over 3 seconds. The start of the previous track will begin playing if the track has played for under 3 seconds.
- 3 TRACK UP button : The start of the next track will begin playing.
- 4 FAST FORWARD button : The track can be fast forwarded.
- 5 FAST REWIND button : The track can be

rewinded.

- 6 PLAY/PAUSE button : Used to pause or replay the current track on the RSE system.
- 7 TRACK display : The current TRACK of the currently playing DISC is displayed.
- 8 Play time : The play time of the currently playing song is displayed.

■ Selecting a track with the Remote Controller & Searching a playing track

1. Press the **◀◀ SEEK / TRACK ▶▶** key on the Remote Controller to move to the previous or next track.
2. Pressing the **◀◀ TUNE ▶▶** key on the Remote Controller will quick search the current track.

i INFORMATION

If there are no discs already inserted in the DVD player, pressing the **DISC** key on the remote controller will not begin mode operation.

The RANDOM, REPEAT and SCAN functions are not supported.

MP3

Starting MP3 mode



- 1 Press the **MODE** key on the Roof Mount Monitor or the **DISC** key on the Rear remote controller to change to DVD Player mode.
- 2 If an MP3 is inserted in the DVD player, the MP3 mode screen will be displayed.

MP3 mode menu screen configuration



- 1 Mode display : This displays that the current mode is MP3 mode of the DVD Player.
- 2 PLAY MODE button : Displays the menu of the mode currently being played. Press again to close the menu.
- 3 FILE DOWN button : The start of the current or previous file will begin playing. The start of the current file will begin playing if the file has played for over 3 seconds. The start of the previous file will begin playing if the file has played for under 3 seconds.
- 4 FILE UP button : The start of the next file will begin playing.
- 5 FAST FORWARD button : The file is fast forwarded.
- 6 FAST REWIND button : The file is rewinded.
- 7 PLAY/PAUSE button : Used to pause or replay the current file on the RSE system.
- 8 LIST button : Moves to the MP3 LIST screen.
- 9 INFO button : The information (Title/Artist/Album name) of the currently playing file is displayed. This function is supported only in MP3 files inputted within information.
- 10 Folder name display : Displays the folder of the currently file.
- 11 File name display : Displays the name of the currently playing file.
- 12 Play time display : The play time of the currently playing song is displayed.

PART 6 REAR SEAT ENTERTAINMENT SYSTEM (RSE)

■ Selecting a file with the Remote Controller & Searching a playing file

1. Press the **◀◀ SEEK/TRACK ▶▶** button on the Remote Controller to move to the previous or next file.
2. Pressing the **◀◀ TUNE ▶▶** button on the Remote Controller will quickly search the previous or next files.

i INFORMATION

If there are no discs already inserted in the DVD player, pressing the **DISC** key on the remote controller will not begin mode operation.

The RANDOM, REPEAT and SCAN functions are not supported.

■ MP3 LIST menu screen configuration



- 1 Mode display : Display the current LIST screen.
- 2 Folder name display : Displays the folder of the current file.
- 3 File name display : Displays the name of the current file.
- 4 Play time display : Displays the play time of the current song.
- 5 LIST UP button : Displays the previous LIST.
- 6 LIST DOWN button : Displays the next LIST.
- 7 LIST page display : The number of MP3 lists [Current Page/ Total Pages] is displayed.

- 8 Scroll bar display : The location of the folder within the current list is displayed.
- 9 LIST folder display : The folder name which shows what folder the current list is in will be displayed.
- 10 LIST : The folders and files in the current folder are displayed.
- 11 Selected LIST display : The currently selected LIST is displayed.
- 12 HOME button : When having moved to a list which does not display the currently playing file, pressing this button will return to the LIST screen of the currently playing file. (This button is inactive when the displayed LIST includes the currently playing file.)
- 13 PARENT folder button : Moves to the Parent Folder.
- 14 ROOT folder button : Moves to the Root Folder.
- 15 CLOSE button : The MP3 mode menu screen will become displayed.

i INFORMATION

The detail information will only be displayed when such information has been recorded in the ID3 tag of the MP3 file.

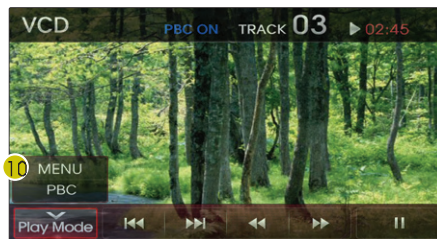
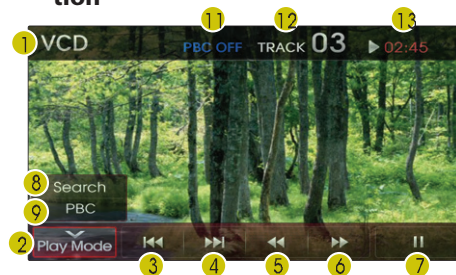
VCD

■ Starting VCD mode



- 1 Press the **MODE** key on the Roof Mount Monitor or the **DISC** key on the Rear remote controller to change to DVD Player mode.
- 2 If a VCD is inserted in the DVD player, the VCD mode screen will be displayed.

■ VCD mode menu screen configuration



- 1 Mode display : This displays that the current mode is VCD mode.
- 2 PLAY MODE button : Displays the menu of the mode currently being played. Press again to close the menu.
- 3 TRACK DOWN button : The start of the current or previous track will begin playing.

PART 6 REAR SEAT ENTERTAINMENT SYSTEM (RSE)

- ④ TRACK UP button : The start of the next track will begin playing.
- ⑤ FAST FORWARD button : The track is fast forwarded.
- ⑥ FAST REWIND button : The track is rewinded.
- ⑦ PLAY/PAUSE button : Plays/pauses the track.
- ⑧ SEARCH button : The desired track can be inputted for play.
- ⑨ PBC(Play Back Control) button : As a function supported only with Video CD version 2.0 discs, the PBC function can be turned ON or OFF.
- ⑩ MENU button : The interactive menu encoded on the VCD is displayed. This menu is displayed only when the PBC is set to ON in a Video CD version 2.0 DISC.
- ① PBC setting display : The PBC ON or PBC OFF is displayed in accordance to PBC setting.
- ② TRACK number display : The current track number is displayed.
- ③ Play time display : The play time of the current VCD is displayed.

■ Selecting a track with the Remote Controller & Searching playing track

1. Press the **◀◀ SEEK / TRACK ▶▶** button on the Remote Controller to move to the previous or next track.
2. Pressing the **◀◀ TUNE ▶▶** button on the Remote Controller will quickly search the current track.

■ Using the PBC function



- ① Press the **AV MENU** button on the Remote Controller in the VCD video screen to display the VCD menus.
- ② Press the **Play Mode** button to display the sub menus and press the **PBC** button to enter the PBC menu screen. (When in

PBC ON state, press the **MENU** button to enter the PBC screen.)

- ③ Move the focus to the number input area and input the desired number by operating the top-down direction keys.
- ④ Press the **Enter** button to operate the selected menu.

What is the PBC(Play Back Control) function?

This function allows the various information stored on the Video CD to be viewed by using the interactive menu encoded on a MPEG1 version 2.0 Video

- CD discs.
The PBC function is supported only in
- Video CD version 2.0 discs.
The PBC function may operate differently in accordance to the manufacturing conditions on the Video CD version 2.0 disc.

i INFORMATION

Selecting **< Page >** will display the set menus of the previous or next page.

i INFORMATION

The PBC will return to OFF state if a different DISC is inserted, the power or ignition is turned ON/OFF while in PBC ON state.

DVD

■ Starting DVD mode

- ① Press the **MODE** key on the Roof Mount Monitor or the **DISC** key on the Rear remote controller to change to DVD Player mode.
- ② If a DVD is inserted in the DVD player, the DVD mode screen will be displayed.



■ Contents of DVD Title

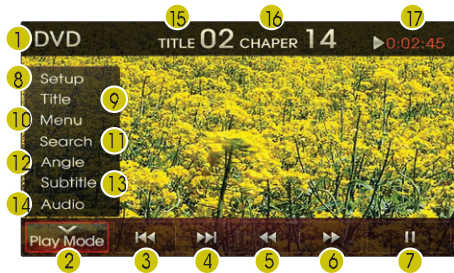
The video and sound recorded on the DVD are divided into titles and can be recognized by their title numbers. Each title is sub-divided into smaller units called chapters and each chapter can be recognized by the chapter number. The title number and chapter number of the current DVD title is

displayed on the upper side of the DVD operation menu screen.

■ DVD region code

The DVD player and DVD discs are set with region codes and can be played in accordance to the sales region. If a disc besides "Region Code 1 (United States, American region, Canada)" or "All-region disc" is inserted, then a "Region Code Error" screen will be displayed and disc play will not be supported.

■ DVD mode menu screen configuration



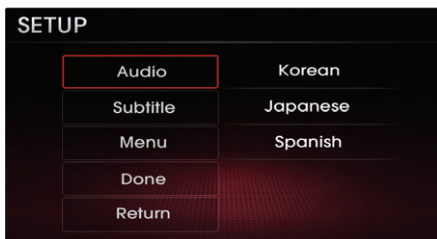
- 1 Mode display : This displays that the current mode is DVD mode of the DVD Player.
- 2 PLAY MODE button : Displays the menu of the mode currently being played. Press again to close the menu.
- 3 CHAPTER DOWN button : Moves to the previous chapter.
- 4 CHAPTER UP button : Moves to the next chapter.
- 5 FAST REWIND button : The current title can be rewinded. Continue to press the button until the desired chapter has been reached.

- 6 FAST FORWARD button : The current title can be forwarded. Continue to press the button until the desired chapter has been reached.
- 7 PLAY/PAUSE button : Pauses or replays the DVD.
- 8 DVD setting button : Restores the initial DVD setup screen.
- 9 TITLE button : For some types of DVD titles, there could be several initial menu setup screens. This is used to return to the root setup menu screen.
- 10 MENU button : This is used to return to the initial menu setup screen while a DVD title is playing.
- 11 SEARCH button : The desired title/chapter can be directly selected by searching the chapters/titles. Searches are not supported when the initial logo video/menu is being displayed. Searches are possible only when the video is playing.
- 12 ANGLE button : The angle can be set for DVD titles encoded with the Multi-Angle function.

- 13 SUBTITLE button : The subtitle can be set for DVD titles supporting Multi-Subtitle function.
- 14 AUDIO button : The voice language can be set for DVD titles supporting Multi-Language function.
- 15 TITLE number display : The current title number is displayed.
- 16 CHAPTER number display : The current chapter number is displayed.
- 17 Play time display : The play time of the current title is displayed.

■ DVD mode setting

If the DVD **Setup** button in the DVD mode menu screen is pressed, the setup screen as shown below will become displayed.



i INFORMATION

The DVD setup screen is used not to change the settings of the current DVD title but to define the settings of the DVD PLAYER. In order to apply the modified valued, restart the current DVD from the beginning.

The set values will not be applied in the case of playing a DISC which does not support the currently set language or the current settings.

■ Setting voice language

- ① Press the **Audio** button in the DVD setup screen.
- ② Select the desired voice language.
If the **Others** button is pressed, languages other than the ones displayed can be directly inputted for selection.
- ③ If the **Others** button is selected, the voice language code input screen will be displayed. Input the desired code.
- ④ If a proper code is inputted, the DVD setup screen will be returned and display the set voice language.
- ⑤ Press the **Done** button to complete the changes and replay from the beginning.

■ Setting subtitle language

- ① Press the **Subtitle** language button in the DVD setup screen.
- ② Select the desired subtitle language.
Press the **Others** button to set a different subtitle. Press the **Subtitle OFF** button to turn off the subtitle display.
- ③ The method of inputting subtitle language code is the same as the method of

inputting voice language code.

■ Setting menu language

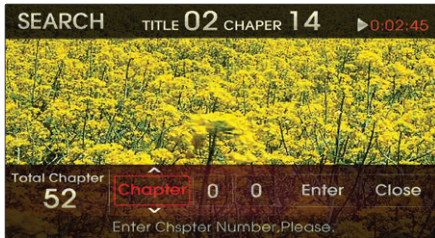
- ① Press the **Menu** button in the DVD setup screen.
- ② Select the desired menu language.
Press the **Others** button to display a different menu language.
- ③ The method of inputting the menu language code is the same as the method of inputting voice language code.

i INFORMATION

Please refer to the Language Code page at the back of the user manual.
The set values will not be applied in the case of playing a DISC which does not support the currently set language or the current settings.

PART 6 REAR SEAT ENTERTAINMENT SYSTEM (RSE)

■ Searching title/chapter



- 1 Press the **AV MENU** button on the Remote Controller in the DVD video screen to display the DVD menus.
- 2 Press the **Play Mode** button to display the sub menu and press the **Search** button to enter the SEARCH menu screen.
- 3 Move the focus to the title/chapter number input area and input the desired title or chapter number by operating the top-down direction keys.
- 4 Press the **Enter** button to operate the selected menu.

■ Using the Interactive Menu



- 1 Upon first playing a DVD title, a menu screen will become displayed after the initialization video.
While the DVD is playing, press the **AV MENU** on the Roof Mount Monitor or **AV MENU** the Remote controller to display a semi-transparent menu screen. Select the **Play Mode** button on the menu screen to display the sub menus and press the **Menu** button. (Press the **MENU** key positioned at the bottom of the remote controller to directly enter the menu screen.)
- 2 Select the desired menu by using the 4-direction keys on the Roof Mount Monitor or the Remote Controller and press ENTER.

i INFORMATION

The menu will operate only in supported DVD titles.

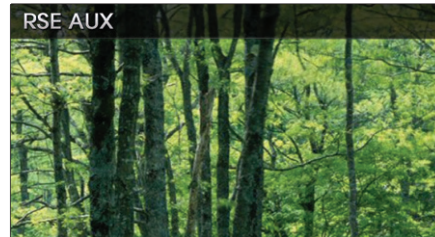
AUX (auxiliary device input)

i INFORMATION

The RSE AUX mode will operate only when an auxiliary AUDIO & VIDEO player (camcorder, vehicle VCR, etc.) is connected and operating.

■ Starting AUX mode

- ① Press the **MODE** key on the Roof Mount Monitor or the **AUX** key on the Rear remote controller to change to AUX mode.
- ② The AUDIO AUX or VIDEO AUX screen will be displayed according to the audio/video signal.



i INFORMATION

If the device connector jack is disconnected while operating AUX mode, a "No Media" message will be displayed for 30 seconds and automatically return to the previous screen.

! CAUTION!

1. Having the auxiliary cable connected even when there is no auxiliary device can convert the device into AUX mode and cause noise. Please make sure to remove the auxiliary cable when an auxiliary device is not being used.
2. Connecting an auxiliary device to the cigarette jack and playing through the screen of the device may cause an occurrence of noise. If such noise occurs, remove the power cable from the cigarette jack.

■ Connecting an external VIDEO player



- ① An auxiliary AUDIO & VIDEO player (camcorder, vehicle VCR, etc.) can be connected for viewing.
- ② The AUX jack is positioned next to the POWER OUTLET on the backside of the consol box located in between the driver and passenger seat.

i INFORMATION

1. Among the auxiliary VIDEO connector jacks, the yellow is for video, red is for right-side audio, and white is for left-side audio.
2. This device supports the NTSC color system. Other systems beside NTSC will not be supported.
3. The recommended audio input standard for this device is max 1Vrms. Input which exceeds this value may cause deteriorated sound quality.

MEMO

MEMO

PART 7
APPENDIX

Troubleshooting guide **7-2**
Before thinking the product has
malfunctioned 7-2
Troubleshooting 7-3

**DVD region code and language
code** **7-6**
Region code 7-6
Language code 7-7

Map legend **7-8**
Road color 7-8
POI icons 7-9
Landmark icons 7-11

INDEX **7-12**
RSE Connector Pin Layoutout
..... **7-17**

Troubleshooting guide

Before thinking the product has malfunctioned

- 1 Errors which occur during the operation or installation of the device may be mistaken as a malfunction of the actual device.
- 2 If you are having problems with the device, try the suggestions listed below.
- 3 If the problems persist, contact your point of purchase or the nearest service center.

Problem	Function
There are small red, blue, or green dots on the screen	Because the LCD is manufactured with technology requiring high point density, a pixel deficiency or lighting may occur within 0.01% of total pixels.
The sound or image is not working	<ul style="list-style-type: none"> • Has the Switch for the vehicle been turned to [ACC] or [ON]? • Has the SYSTEM been turned OFF?
The video is being displayed but sound is not working	<ul style="list-style-type: none"> • Has the volume been set to a low level? • Has the volume been set on mute?
When the power is turned on, the corners of the screen are dark	<ul style="list-style-type: none"> • The display looking somewhat darker after prolonged periods of use is a normal phenomenon with LCD panels. It is not a malfunction. • If the screen is very dark, contact your point of purchase or the nearest service center.
Sound is working from only one speaker	<ul style="list-style-type: none"> • Is the position of FAL/BAL sound controls or volume adjusted to only one side?
Sound and video does not work in AUX mode	Is the audio and video connector jacks fully inserted into the AUX terminal?
The external device is not working	Is the external device connected with a standard connector cable?
The road is missing	Some map data may be missing or incorrect.
The road name is spoken incorrectly	The TTS(Text To Speech) engine speaks the street name based off of the phonetic spelling. This will continuously be update with the map database.

Troubleshooting

Problem	Possible Cause	Solution
The power does not turn on.	The fuse is disconnected.	Replace with a suitable fuse. If the fuse is disconnected again, please contact your point of purchase or service center.
	Device is not properly connected.	Check to see that the device has been properly connected.
XM only goes through one category	The XM mode is in category.	Press the mode button to change to channel mode.
The DVD does not play.	The DISC has not been inserted or has been inserted upside down.	Insert the disc properly so that the sides are facing the correct direction.
	The DISC has been contaminated.	Wipe clean dirt and other foreign substances from the DISC.
	The vehicle battery is low.	Charge the battery. If the problem persists, please contact your point of purchase or service center.
	A disc which is not supported by the device has been inserted.	Insert a disc which is supported for play by the device.
	A disc which as a region code not supported by the device has been inserted.	The region code for the device is code "1". Use a DVD which has the region code of "1" or "ALL".
	The DVD cannot be played because the parental guidance level is operating.	Check the parental guidance level in the initial setup screen.
The image color or tone quality is low.	The brightness, saturation, hue, and contrast levels are not properly set.	Adjust the brightness, saturation, hue, and contrast levels through the display setting.
The video does not work.	<ul style="list-style-type: none"> The brightness level has been set to the lowest level. The device is not properly connected. 	Adjust the brightness to a higher level. Check to see that the device has been properly connected.

PART 7 APPENDIX

Problem	Possible Cause	Solution
The sound does not work.	<ul style="list-style-type: none">• The volume level is set the lowest level.• The connector is not properly connected.• The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode.	<ul style="list-style-type: none">• Adjust the volume level.• Check the connection state.• The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode.
The sound or video quality is low.	<ul style="list-style-type: none">• The DISC is dirty or scratched.• Vibration is occurring from the position in which the conversion switch has been installed.• The color and tone quality of the image is low.	<ul style="list-style-type: none">• Wipe off water or dirt from the DISC. Do not use a disc which has been scratched.• The sound may be short-circuited and the image distorted if the device begins to vibrate. The device will return to normal operation once the vibration has stopped.• Aging of the video display and deterioration in performance may cause certain quality degradations.
Subtitles do not work.	<ul style="list-style-type: none">• Subtitles are not included in the current playing DVD.• The subtitle language has been set to "OFF".	<ul style="list-style-type: none">• The subtitles cannot be played.• Set the subtitle language on the desired language.
Subtitles do not turn off.	<ul style="list-style-type: none">• The DVD currently being played has disabled the hide subtitle function.	<ul style="list-style-type: none">• The subtitle cannot be turned off.
The sound or subtitle language does not change.	<ul style="list-style-type: none">• Only one language is included in the current playing DVD.• The current playing DVD only supports one language.	<ul style="list-style-type: none">• The language cannot be changed if the DISC does not support multi-languages.• The language cannot be changed.
The selected sound or subtitle language cannot be used.	<ul style="list-style-type: none">• A language which is not supported by the current playing DVD has been selected.	<ul style="list-style-type: none">• A language not supported by the DVD cannot be played.

Problem	Possible Cause	Solution
The aspect ratio selected in the initial setting phase cannot be used.	An aspect ratio which is not supported by the current playing DVD has been selected.	An aspect ratio not supported by the DVD cannot be played.
The angle cannot be adjusted.	<ul style="list-style-type: none"> • The current playing DVD only supports one angle setting or only some of the DVD scenes support multi-angles. • The current playing DVD only supports one angle. 	<ul style="list-style-type: none"> • The angle cannot be changed if the DISC does not support multi-angles or when playing a scene with only one angle. • The angle cannot be changed.
The USB does not work.	<ul style="list-style-type: none"> • USB memory is damaged. • USB memory has been contaminated. • A separately purchased USB HUB is being used. • A USB extension cable is being used. • A USB which is not a Metal Cover Type USB Memory is being used. • A HDD type, CF, SD Memory is being used. • There are no music files which can be played. 	<ul style="list-style-type: none"> • Please use after formatting the USB into FAT 12/16/32 format. • Remove any foreign substances on the contact surface of the USB memory and multimedia terminal. • Directly connect the USB memory with the multimedia terminal on the vehicle. • Directly connect the USB memory with the multimedia terminal on the vehicle. • Use a standard USB Memory. • Use a standard USB Memory. • Only MP3,WMA file formats are supported. Please use only the supported music file formats.
The iPod is not recognized even though it has been connected.	<ul style="list-style-type: none"> • There are no titles which can be played. • The iPod firmware version has not been properly updated. • The iPod device does not recognize downloads. 	<ul style="list-style-type: none"> • Use iTunes to download and save MP3 files into the iPod. • Use iTunes to update the firmware version and reconnect the iPod with the device. • Reset the iPod and reconnect with the device.

DVD region code and language Code

Region code

Region Code	Countries
0	No Region Coding
1	United States of America, Canada
2	Europe, including France, Greece, Turkey, Egypt, Arabia, Japan and South Africa
3	Korea, Thailand, Vietnam, Borneo and Indonesia
4	Australia and New Zealand, Mexico, the Caribbean, and South America
5	India, Africa, Russia and former USSR countries
6	Peoples Republic of China
7	Unused
8	Airlines/Cruise Ships
9	Expansion (often used as region free)

Language code















Code	Country	Code	Country	Code	Country	Code	Country	Code	Country	Code	Country
0101	Afar	0315	Corsican	0625	Frisian	0923	Hebrew	1222	Latvian	1518	Oriya
0102	Abkhazian	0319	Czech	0701	Irish	1009	Yiddish	1307	Malagasy	1601	Punjabi
0106	Afrikaans	0325	Welsh	0704	Scots	1001	Japanese	1309	Maori	1612	Polish
0113	Amharic	0401	Danish	0712	Galleghan	1022	Javanese	1311	Macedonian	1619	Pushto
0118	Arabic	0405	German	0714	Guarani	1101	Georgian	1312	Malayalam	1620	Portuguese
0119	Assamese	0426	Bhutani	0721	Gujarati	1111	Kazakh	1314	Mongolian	1721	Quechua
0125	Aymara	0512	Greek	0801	Hausa	1112	Greenlandic	1315	Moldavian	1813	Romance
0126	Azerbaijani	0514	English	0809	Hindi	1113	Cambodian	1318	Marathi	1814	Kirundi
0201	Bashkir	0515	Esperanto	0818	Croatian	1114	Kannada	1319	Malay	1815	Romanian
0205	Belarusian	0519	Spanish	0821	Hungarian	1115	Korean	1320	Maltese	1821	Russian
0207	Bulgarian	0520	Estonian	0825	Armenian	1119	Kashmiri	1325	Burmese	1823	Kinyarwan
0208	Bihari	0521	Basque	0901	Interlingua	1121	Kurdish	1401	Nauru	1901	da Sanskrit
0209	Bislama	0601	Persian	0905	Interlingue	1125	Kirghiz	1405	Nepali	1904	Sindhi
0214	Bengali	0609	Finnish	0911	Inupiak	1201	Latin	1412	Dutch	1907	Sangho
0215	Tibetan	0610	Fijian	0914	Indonesian	1214	Lingala	1415	Norwegian	1908	Croatian
0218	Breton	0615	Faroese	0919	Icelandic	1215	Laotian	1503	Occitan	1909	Sinhalese
0301	Catalan	061	French	0920	Italian	1220	Lithuanian	1513	Oromo	1911	Slovak

PART 7 APPENDIX

Language code

Code	Country	Code	Country
1912	Slovenian	2012	Tagalog
1913	Samoaan	2014	Tswana
1914	Shona	2015	Tonga
1915	Somal	2018	Turkish
1917	Albanian	2019	Tsonga
1918	Serbian	2020	Tatar
1919	Swati	2023	Twi
1920	Sesotho	2111	Ukrainian
1921	Sundanese	2118	Urdu
1922	Swedish	2126	Uzbek
1923	Swahili	2209	Vietnamese
2001	Tamil	2215	Volapuk
2005	Telugu	2315	Wolo
2007	Tajik	2408	Xhosa
2008	Thai	2515	Yoruba
2009	Tigrinya	2608	Chinese
2011	Turkmen	2621	Zulu
















Map legend
















Road color	
Day Road Type	Color
Freeway	
Arterial	
County	
Collector	
Local	
Unpaved local	
Ferry	
Night Road Type	Color
Freeway	
Arterial	
County	
Collector	
Local	
Unpaved local	
Ferry	















POI icons

No	Category	Sub Category	Icon
1	Restaurants	Representation	
2		Fast Food	
3		American	
4		French	
5		Italian	
6		Continental	
7		Mexican	
8		Japanese	
9		Chinese	
10		Korean	
11		Vegetarian Food	
12		Seafood	
13		Latin American	
14		Asian	
15		African	

POI icons
















No	Category	Sub Category	Icon	
16	Restaurants	Coffee Shop		
17		Others		
18	Automotive	Representation		
19		Gas Station		
20		Parking		
21		Auto service		
22		Road Assistance		
23		Hyundai Dealership		
24		Kia Dealership		
25		Automobile Dealership		
26		Auto Parts		
27		Rest Area		
28		Car Wash		
29		Motorcycle Dealership		
30		Travel	Representation	
















No	Category	Sub Category	Icon	
31	Travel	Airport		
32		Hotel		
33		Tourist Information		
34		Travel Agent		
35		Tourist Attraction		
36		Popular Spot		
37		Rental Car Agency		
38		Campground		
39		Ferry Terminal		
40		Bus Station		
41		Local Transit		
42		Train Station		
43		Shopping	Representation	
44			Department Store	
45			Convenience Store	

No	Category	Sub Category	Icon	
46	Shopping	Shopping Center		
47		Music Store		
48		Grocery Store		
49		Bookstore		
50		Electronics		
51		Hardware Store		
52		Gifts		
53		Sporting Goods		
54		Home Specialty Store		
55		Clothing		
56		Shoe Store		
57		Recreation	Representation	
58			Amusement Park	
59			Museum	
60			Cinema	

PART 7 APPENDIX

POI icons

No	Category	Sub Category	Icon
61	Recreation	Sports Activities	
62		Sports Complex	
63		Golf Course	
64		Winery	
65		Video & Game Rental	
66		Ski Resort	
67		Recreation Area	
68		Other Recreation	
69	Financial Service	Representation	
70		Bank	
71		ATM	
72		Check Cashing Service	
73		Money Transfer	
74		Business Facility	
75	Community	Representation	

No	Category	Sub Category	Icon	
76	Community	Police Station		
77		Post Office		
78		Library		
79		Court House		
80		Fire Department		
81		Convention Center		
82		City Hall		
83		Civic Center		
84		School		
85		Government Offices		
86		Waste & Sanitary		
87		Utilities		
88		Service	Representation	
89			Hospital	
90	Dentist			

No	Category	Sub Category	Icon
91	Service	Photography	
92		Tax Service	
93		Medical Service	
94		Attorney	
95		Funeral Director	
96		Hair & Beauty	
97		Cleaning & Laundry	
98		Social Service	
99		Physician	
100		Communication	
101	Tailor & Alteration		
102	Mover		