Read the following safety cautions for your safety.

Please read the following safety matters for your safety. This User's Manual describes circumstances that may inflict injury onto drivers and others with the following notations (Warning, Caution, Information, Notice).

Before using the product, read the contents of this user's manual carefully and use this product safely.

※ The design and specification of this product may change without prior notification for product improvement.

Notations used within this User's Manual

Safety Warnings

Failure to observe the safety instructions within this category could result in serious injury or death.

Safety Cautions

Failure to observe the safety instructions within this category could result in accident related injuries or damage to the vehicle.

Caution

- Information on matters that could potentially lead to injury or vehicle damage/malfunction
- Information that could lead to higher user safety

Information

- Information and tips that provides additional user convenience in using the product

Notice

- Information on specific features that facilitate proper product use and functional understanding
- Information on terminology used within this manual

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Cautions upon Using SD Cards

Ejecting and Inserting SD Cards

• Ejecting and inserting SD cards while the Navigation system is operating may result in SD Card or System errors. To eject or insert the SD card, first turn off the Navigation system and the vehicle ignition.
• Eject/insert SD cards only to update the navigation system with a new version.
※ When an SD Card with the new version is inserted, then system update will occur automatically

Usage of SD Cards

• The SD Card is formatted to include only MAP and new system update files.
• The SD Card cannot be used to save and play Music/Videos.
• Do not add, delete, or format files within the SD Card.

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A Bluetooth® enabled cell phone is required to use Bluetooth® wireless technology.
For more information on Bluetooth® compatibility, refer to the Hyundai Motor website (http://www.hyundaiusa.com).

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1 Basic

- Warnings and Cautions
- Key Product Features
- Component Names and Functions

Hyundai MOBIS

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Safety Warnings

0. Even when receiving route guidance from the Navigation system, please abide by actual traffic and road regulations. Following only the Navigation route guidance may lead to violations of actual traffic and road regulations and lead to traffic accidents.

0 Do not stare at the screen while driving. Staring at the screen for prolonged periods of time could lead to traffic accidents.

0 Do not operate the Navigation system while driving, such as entering POIs or conducting route searches. Such acts could lead to accidents, fire, or electric shock. Park the vehicle before operating the device.

0 Do not disassemble, assemble, or modify the Navigation system. Such acts could result in accidents, fire, or electric shock.

0 Heed caution not to spill water or introduce foreign objects into the device. Such acts could lead to smoke, fire, or product malfunction.

0 Please refrain from use if the screen is blank or no sound can be heard as these signs may indicate product malfunction. Continued use in such conditions could lead to accidents (fires, electric shock) or product malfunctions.

0 Do not touch the antenna during thunder or lightening as such acts may lead to lightning induced electric shock.

0 Do not stop or park in parking-restricted areas to operate the product. Such acts could lead to traffic accidents.

0 For most AV and multimedia modes, the display will not operate when the vehicle is in motion. For your safety, first park the vehicle to watch or view the screen. (The screen will operate when the parking brake is set to ON for manual transmission vehicles and when set to P or Parking Brake On state for auto transmission vehicles.)

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Safety Cautions

Pay attention to traffic conditions while driving.

- In some instances, the navigation may provide guidance through restricted areas.
- Operating the device while driving could lead to accidents due to a lack of attention to external surroundings. First park the vehicle before operating the device. In addition, the touch screen may not work for some functions when the vehicle is in motion. The touch screen feature will be supported once the vehicle has stopped.
- Adjust the volume to levels that allow the driver to hear sounds from outside of the vehicle. Driving in a state where external sounds cannot be heard may lead to accidents.
- Pay attention to the volume setting when turning the device on. A sudden output of extreme volume upon turning the device on could lead to hearing impairment. (Adjust the volume to a suitable levels before turning off the device.
- If you want to change the position of device installation, please inquire with your place of purchase or service maintenance center.
- Technical expertise is required to install or disassemble the device.
- Turn on the car ignition before using this device. Do not operate the Navigation system for long periods of time with the ignition turned off as such operations may lead to battery discharge.
- Upon using the Navigation system for more than 10 minutes with the car engine turned off, the following warning will be displayed. After 10 minutes, the warning will be displayed for 5 seconds every 1 minute.
- Do not subject the device to severe shock or impact. Direct pressure onto the front side of the monitor may cause damage to the LCD or touch screen.
- When cleaning the device, make sure to turn off the device and use a dry and smooth cloth.
- Never use tough materials, chemical cloths, or solvents (alcohol, benzene, thinners, etc.) as such materials may damage the device panel or cause color/quality deterioration.
- When experiencing product malfunctions, inquire with your place of purchase or service maintenance center.

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Key Product Features

This device is an Audio Navigation system equipped with a multifunctional disc player that supports Radio (FM1, FM2, AM), Audio CD, MP3, USB, iPod, and Audio AUX features. The WIDE VGA LCD provides a high quality resolution while the powerful and rich sound system adds to driving enjoyment.

Display	**Wide TFT-LCD Display** • Provides high quality video and music through a Wide TFT-LCD Display using an LED Back Light • Touch screen for maximum user convenience
Radio	**Digital Tuner Feature** • Digital Tuner using PPL method that supports memory of 6 broadcast stations for each AM, FM1, and FM2 modes **Integrated Antenna (RADIO+NAVI)** • Outstanding reception via integrated antenna with high sensitivity **Radio broadcast station name** • Displays broadcast station names for key locations **HD Radio / Satellite Radio feature** • Supports HD Radio and Satellite Radio (XM)
Multimedia Player	**- Support for various Media Formats** • Support for various media formats, including Radio, audio MP3 CD, USB, iPod and AUX • Supports USB, iPod, and Bluetooth Audio Streaming modes **- My Music** • Supports copying of music stored within USB or iPod devices into My Music (internal memory) mode **- USB Image** • Copy to view and save images saved in USB devices
Navigation	- **Voice Guidance** • Voice route guidance to safely and conveniently reach set destinations • Various map scales that enables drivers to accurately view map and surrounding areas -**Automatic Correction for Current Location** • Automatically corrects current position using map matching and GPS information
Blue Link	**Sync with Blue Link Center** **Vehicle Diagnostics/Maintenance**
Miscellaneous	**- Bluetooth Handsfree** • Convenient use of Bluetooth Handsfree by using buttons within the steering remote controller **- Digital Screen Control Features** • Easy control of screen controls through touch screen options **- Steering Remote Controller** • Control over audio features, voice recognition and Bluetooth through the steering remote controller for maximum convenience

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Component Names and Functions

Head Unit

Notation	Description
1 [PHONE]	Converts to Bluetooth® Handsfree mode
2 [∧SEEK TRACK ∨]	**When [∨SEEK TRACK∧] keys are pressed shortly (under 0.8 seconds)** • In FM/AM mode, plays previous/next frequency • In XM mode, plays the previous/next channel • In CD/MP3/USB/iPod/My Music modes, changes the track, file or chapter **When [∨SEEK TRACK∧] keys are pressed and held (over 0.8 seconds)** • In FM/AM mode, continuously changes the frequency until the key is released and plays the current frequency • In XM mode, continuously changes the channel until the key is released and plays the current channel • In CD/MP3/USB/iPod/My Music modes, rewinds or fast forwards the track or file
3 [FM/AM]	• Converts to FM/AM mode • Each time the key is pressed, the mode is changed in order of FM1 → FM2 → AM → FM1
4 [INFO]	Displays the Info mode screen
5 [MEDIA]	• Displays CD, MP3, USB, iPod, AUX, Bluetooth Audio Streaming, My Music modes • If the media is not connected or a disc is not inserted, corresponding modes will be disabled.
6 SAT	Converts to XM mode • Each time the key is pressed, the mode is changed in order of XM1 → XM2 → XM3 → XM1

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Component Names and Functions

Head Unit

Notation	Description
7 ◎ PWR key ◎ VOL Knob	• When power is off, press to turn power on • When power is on, press and hold (over 0.8 seconds) to turn power off • When power is on, press shortly (under 0.8 seconds) to turn AV off • Turn left/right to control volume
8 **[Route]**	Displays Route menu screen
9 **[Setup]**	Displays the Setup mode
10 **[Map]**	Displays the map for the current position
11 **[∨TUNE∧]**	• In FM/AM mode, changes the frequency • In XM mode, changes the channel • In CD, MP3, USB, iPod, My Music modes, changes the track/file
12 **[Dest]**	Displays the Destination setup menu
13 **[ENTER]**	Executes the selection
14 **[ ]**	Press to insert or eject disc
15 **[Clock]**	Displays current time and date
16 **[RESET]**	Resets and restarts the system
17 **[ ]**	SD Card insert slot

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Steering Remote Controller

Notation	Description
1 [음량조절]	Controls the volume
2 [MUTE]	Mutes the sound
3 [Λ, V]	**When , keys are pressed shortly (under 0.8 seconds)** • In FM/AM mode, searches broadcast frequencies saved to Presets • In XM modes, searches broadcast channels saved to Presets • In CD/MP/USB/iPod/My Music modes, changes the track, file or chapter. \ **When , keys are pressed and held (over 0.8 seconds)** • In FM/AM mode, automatically searches broadcast frequencies and channels • In XM modes, automatically searches broadcast channels • In CD/MP/USB/iPod/My Music modes: rewinds or fast forwards the track of file.

Notation	Description
4 [MODE]	• Each time this key is pressed, the mode is changed in order of FM1→ FM2→ AM→ XM1→ XM2→ XM3 → USB(Music → Image) or iPod → AUX→ Bluetooth Audio → My Music • If the media is not connected or a disc is not inserted, corresponding modes will be disabled. • Press and hold the key (over 0.8 seconds) to turn the AV system on/off • When power is off, press the key to turn power back on
5 [음성인식]	Converts to voice recognition mode
6 [통화]	**When pressed shortly (under 1.2 seconds)** • When pressed in the phone screen, displays call history screen • When pressed in the dial screen, makes a call • When pressed in the incoming call screen, answers the call • When pressed during call waiting, switches to waiting call (Call Waiting) **When pressed and held (over 1.2 seconds)** • When pressed in the Bluetooth® Handsfree wait mode, redials the last call • When pressed during a Bluetooth® Handsfree call, switches call back to mobile phone (Private) • When pressed while calling on the mobile phone, switches call back to Bluetooth® Handsfree (Operates only when Bluetooth® Handsfree is connected)
7 [종료]	When pressed during a call, ends the phone call When pressed in the incoming call screen, rejects the call

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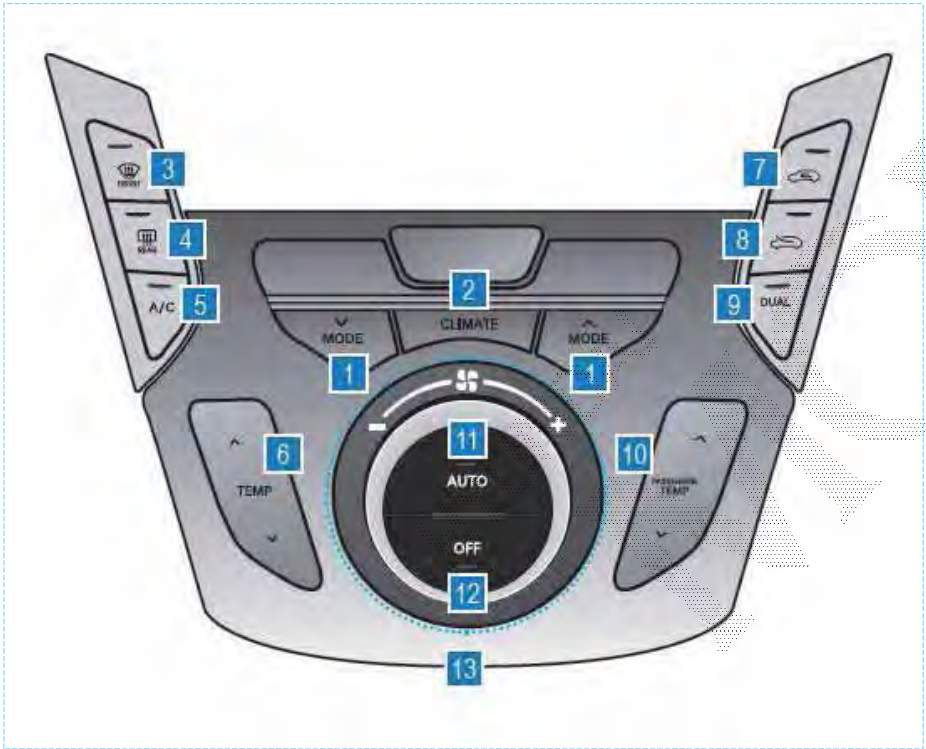
Component Names and Functions

Climate System



Notation		Description
1	[MODE]	Sets the fan direction
2	[CLIMATE]	Displays the climate info screen
3	[ ]	Removes humidity and frost by blowing fan towards the front window
4	[ ]	The side mirror and rear window defroster is turned on/off
5	[A/C]	Turns the air conditioner on/off
6	[TEMP]	Controls the driver-side temperature
7	[ ]	Switches the air intake mode to recirculation
8	[ ]	Switches the air intake mode to outside air
9	[DUAL]	Turns DUAL mode on/off. Upon turning on DUAL, the driver-side and passenger-side temperature can be operated independently
10	[PASSANGER TEMP]	Controls the passenger-side temperature
11	[AUTO]	Operates auto temperature mode to maintain cabin temperature at suitable levels relative to outside temperature
12	[OFF]	Turns the climate system off
13	[ ]	Sets the fan level

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Turning the System On/Off

Turning the System On

Once the system is turned on, the booting process will start and the safety warning page is displayed.

Information

• If the engine start button is pressed without pressing the brakes, then the ACC and system will turn on . If the brakes are pressed, then the IGN and system will turn on and the ignition will start. .
• No operations are supported while the system is booting. Some time may be required until all features are ready for use.

Caution

• The safety warning page is displayed every time the ignition is turned on. As these matters are related to safety, closely read and comply with the safety warnings.

Turning the System Off

Press the engine start button again or press and hold the ◎ power key on the system to turn the system off.

Information

•If the system is turned off while the Handsfree is being used, then the call will automatically switch back to the mobile phone.

Caution

• Pay attention to the volume setting when turning the device on. A sudden output of extreme volume upon turning the device on could lead to hearing impairment.
Adjust the volume to a suitable levels before turning off the device.

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Component Names and Functions

Resetting the System

This feature is used to reset the system in the occurrence of an unforeseen error or problem.

Press and hold the RESET key (about 1 second). The use of a clip or pin is recommended when resetting the system.)

Information

• 시스템 초기화 시 기존에 저장 및 설정되어 있던 정보(라디오 주파수저장, 음량설정, 화면설정 등)들이 출고 상태로 초기화됩니다. 이는 불량현상이 아닌, 기기를 초기화 하면서 메모리에 저장되었던 정보도 초기화되기 때문입니다.

Battery Warning Message

Use the system only when the engine is running. If the system is turned on with the engine off, then the following warning will be displayed.

This message will automatically disappear once the engine is turned on.

Notice

• Using the system for prolonged periods of time without the engine running may result in battery discharge.

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2 Audio

- FM/AM Mode
- HD Radio Mode
- XM Mode
- About DISC
- CD Mode
- MP3 CD Mode
- USB Mode
- iPod Mode
- AUX Mode
- Bluetooth ® Audio Mode
- My Music Mode

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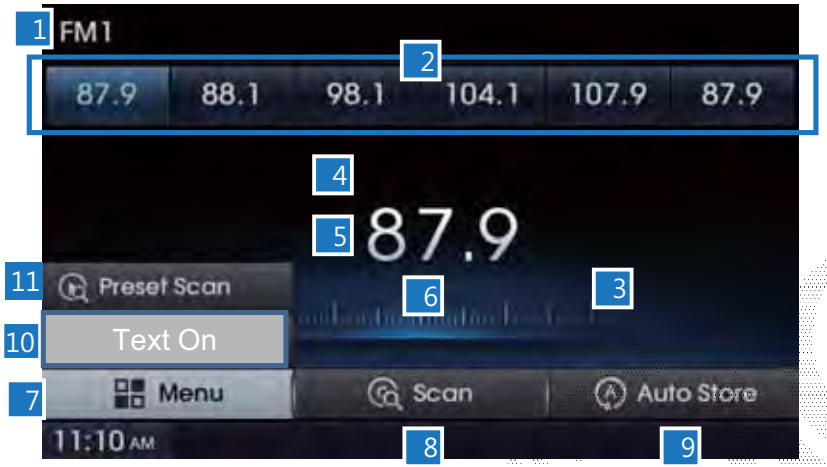
FM/AM Mode

Basic Mode Screen (HD Radio OFF)



Name	Description
1 Mode Display	Displays currently operating mode
2 Preset	Shows saved presets for user selection
3 Setting Display	Displays currently operating features/options
4 Stereo Reception	Indicates that the current broadcast is a stereo broadcast
5 Frequency	Displays the current frequency
6 Broadcast Station	Displays the current broadcast station
7 Menu	Displays Preset Scan and Text On (Text Off) menus
8 Scan	Plays frequencies with superior reception for 5 seconds each
9 Auto store	Saves frequencies with superior reception to Preset buttons
10 Text On (Text Off)	Turns the Radio Text information on and off
11 Preset Scan	Plays preset frequencies for 5 seconds each

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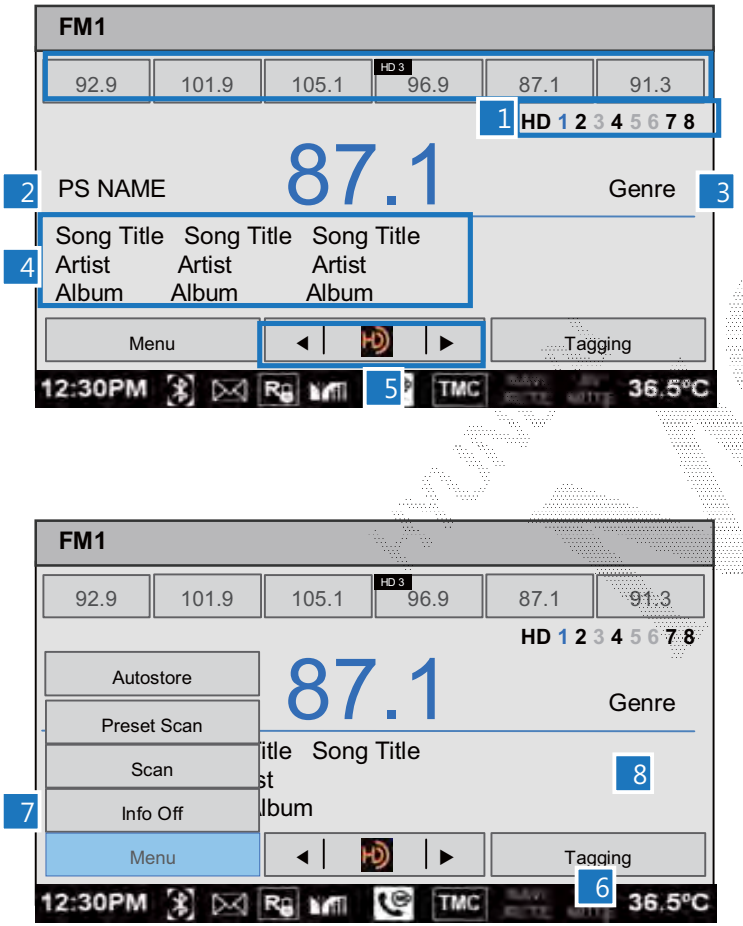
FM/AM Mode

Basic Mode Screen (HD Radio ON)



Name	Description
HD Radio Reception	Displays main HD Radio channels
Broadcast Station	Displays the current broadcast station
Genre	Displays the current broadcast genre
Broadcast Info	Displays detailed information about the current broadcast
Selection buttons	Used to select the previous/next HD radio broadcast channel
Tagging	Used to save song information for the currently playing broadcast. Upon connecting an iPod, song information is transferred to the iPod and can be downloaded through iTunes.
Info On (Info Off)	When pressed, shows detailed information about the current broadcast. When pressed again, detailed information is turned off.

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Starting Mode

Press the [FM/AM] key to change the mode in order of FM1 → FM2 → AM.

When the power is OFF, pressing the [FM/AM] key will turn the power on and play a radio broadcast.

Using SEEK

Press the [∧ SEEK, TRACK ∨] keys to automatically search for frequencies.

• Shortly press the key (under 0.8 seconds): Plays previous/next frequency

• Press and hold the key (under 0.8 seconds): Changes the frequency while pressed and receives the next frequency upon release.

Using TUNE

Press the [∨ TUNE∧] key to manually select the frequency.

• FM1 / FM2: Increases/decreased by 100kHz

• AM: Increases/decreased by 9kHz

Selecting Presets

From the 6 presets, select the frequency you want to listen to.

Information

• You can save up to 6 preset channels for each FM1, FM2 and AM.

• The station name and region is displayed by using GPS coordinates and are not displayed when the information cannot be received.

• The displayed station name and region is unrelated to radio sensitivity. The station name information may differ from the actual broadcast.

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FM/AM Mode

Saving Radio Frequency

Saving Automatically

Press the |■Auto Store| to automatically save receivable frequencies to Preset buttons. A total of 18 frequencies with six preset frequencies each for FM1/FM2/AM modes can be saved..

Information

While |■Auto Store| is operating, pressing the Auto Store button again will cancel the function and play the previous frequency.

Saving Manually

After selecting frequency ▶Press and hold (over 0.8 seconds) the preset button.

• A 'beep' will sound and the frequency is saved to the selected preset button.

Scanning Radio Frequency

Press the |■Scan |button to scan all radio frequencies.

Starting from the current frequency, frequencies with superior reception are scanned for 5 seconds and the previous frequency is restored.

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Using the Menu Buttons

Press the |■Menu| button to use the Preset Scan menu.

Preset Scan

Press the |■Menu| button ▶ Press |■Auto Store|

Frequencies saved to the 6 preset buttons are each played for 5 seconds and the previous frequency is restored.

Text On/Text Off

Press the |■Menu| button ▶ Press the |■Text On|

The Text feature is turned on/off.

If the |■Text On| button is displayed (Text off state), information will not be displayed even if there is information being transmitted from the broadcast station.
If the |■Text Off| button is displayed (Text on state), then broadcast information will be displayed. Information may not be displayed if there is no information being transmitted from the broadcast station.

About HD Radio

HD Radio™ Technology(if equipped)

HD Radio
PSD
HD2/HD3
Digital Sound

김상일 과장 확인 필요

PSD Program Service Data: Contributes to the superior user experience of HD Radio Technology. Presents song name, artist, station IDs, HD2/HD3 Channel Guide, and other relevant data streams.

HD2/HD3 Adjacent to traditional main stations are extra local FM channels. These HD2/HD3 Channels provide new, original music as well as deep cuts into traditional genre.

Digital Sound Digital, CD-quality sound. HD Radio Technology enables local radio stations to broadcast a clean digital signal. AM sounds like today's FM and FM sounds like a CD.

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Starting Mode

Press the [FM/AM] key to turn on Radio mode.

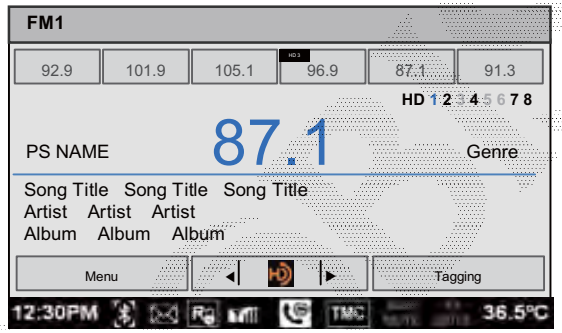
If an HD Radio broadcast is received, the radio mode will switch from analog broadcast to HD Radio broadcast.

Information

• The HD Radio screen is displayed only when a HD Radio broadcast is being received.
To ensure HD Radio stations are received, turn the feature on at [Setup] key > [HD Radio] > [HD Radio Setting]

Operating HD Radio Mode

Selecting a Frequency



As HD Radio reception is included within Radio mode, the methods of moving between channels, saving presets, searching, or methods of searching frequencies are identical. However, while the HD Radio related icon display will become active when within regions where an HD Radio signal can be received.

Using TUNE

Press the [∨ TUNE∧] key to manually select the frequency.

Selecting through Preset

From the 6 presets, select the HD Radio broadcast you want to listen to.

Information

• For HD Radio broadcast channels without sub channels, sub channels will be skipped and only main channels will be received.

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Song-Tagging

Song-tagging is a feature that song data of the currently playing broadcast.
Upon connecting an iPod, song information is transferred to the iPod and can be downloaded through iTunes.

Information

- Up to 50 songs can be saved if an iPod device is not connected.
- Song data can be transferred to an iPod only if there is available space within the device.

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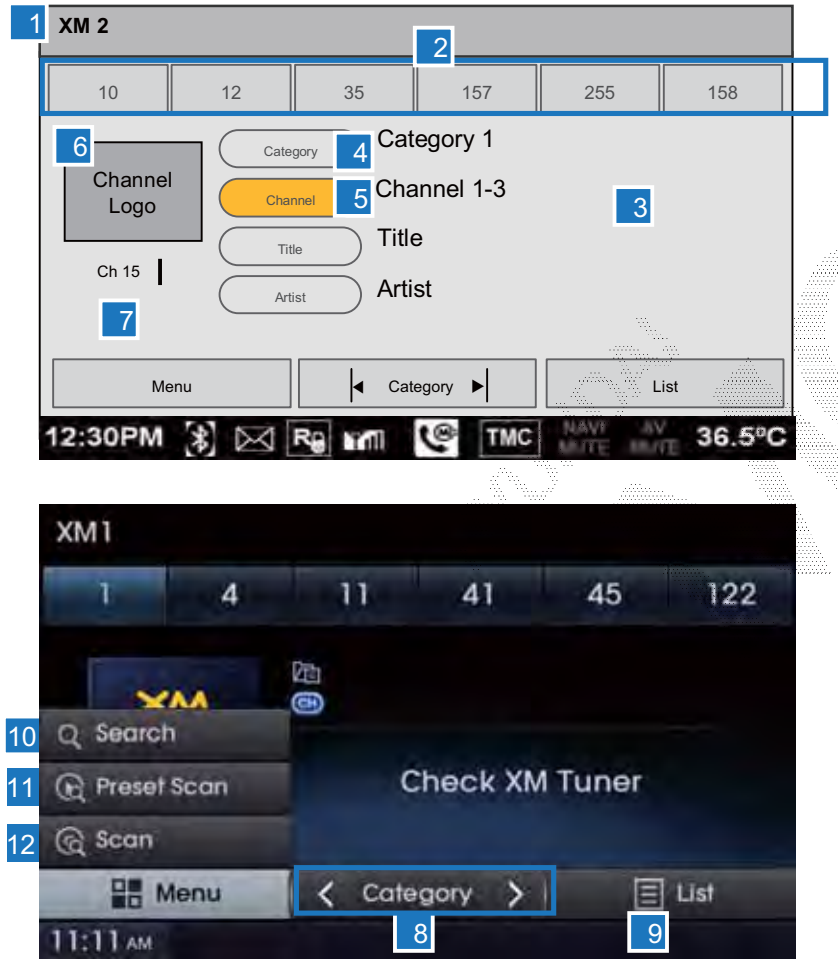
XM Mode

Basic Mode Screen



Name	Description
1 Mode Display	Displays currently operating mode
2 Preset	The desired frequency can saved as a preset and selected.
3 Setting Display	Displays currently operating features/options
4 Category	Displays the current category
5 Channel Number	Displays the current channel number
6 Channel Name	Displays the current channel name
7 Menu	Displays Search, Preset Scan and Scan menus
8 Category Selection Buttons	Used to select the previous/next channel
9 List	Displays XM Radio Categories / Channel Lists
10 Search	Used to search for channels by entering channel numbers
11 Preset Scan	Plays preset frequencies for 5 seconds each
12 Scan	Plays all receivable channels for 5 seconds each

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Starting Mode

Press the [SAT] key to change the mode in order of XM1→ XM22 → XM3.

When the power is OFF, pressing the [SAT] key will turn the power on and play a XM Radio broadcast.

Using SEEK

Press the [∧ SEEK, TRACK ∨] key on the control panel for under 0.8 seconds.
The previous or next channel will be selected.

Information

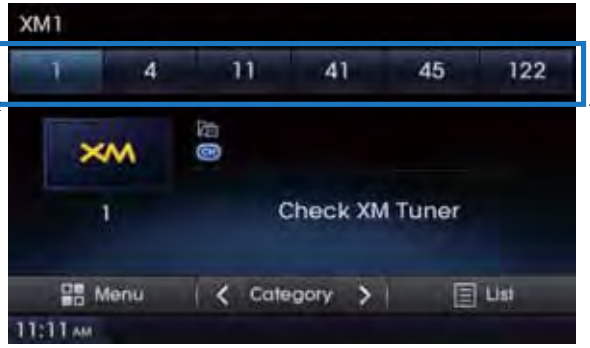
- Within category mode, channels within the current channel will be played.
- Within channel mode, all channels in all categories will be played.
- If there are no operations for 5 seconds while in category mode, then channel mode will automatically be restored.

Using TUNE

Press the [∨ TUNE∧] key to manually select the channel.

Press the < TUNE> key to display the previous or next channel information. After a brief moment, the selected channel will be displayed.

Selecting Presets



From the 6 presets, select the channel you want to listen to.

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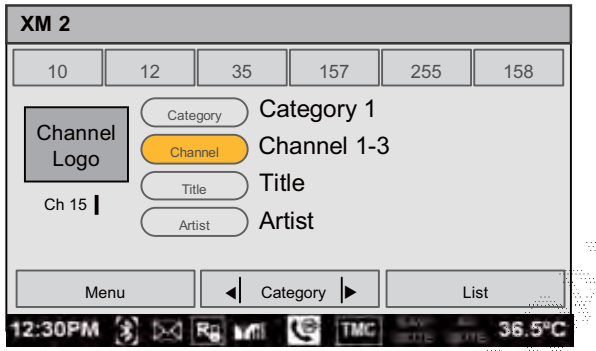
Selecting through Channel/Category List

Press the |List| button ▶ Select the desired category and channel



Category 리스트 및 선택 화면

Select the desired category and the channel.

Once selected, the previous screen will be restored and the selected channel will begin playing.

Saving XM Channels

Saving Manually

After selecting channel ▶Press and hold (over 0.8 seconds) the preset button.

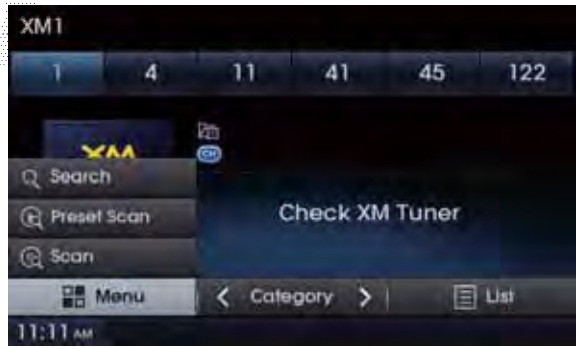
• A 'beep' will sound and the channel is saved to the selected preset button.

Information

• Six preset frequencies each for XM1/ XM2/ XM3 modes can be stored using the above instructions.

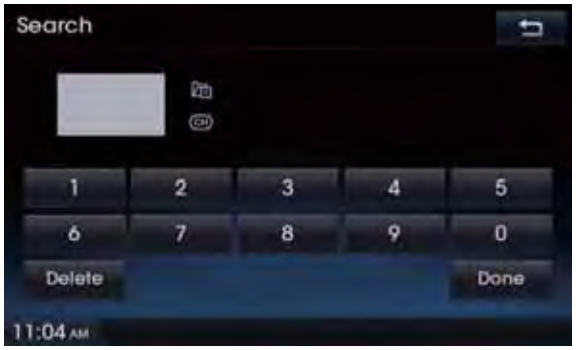
Using the Menu Buttons

Press the |■Menu| button to use the Search, Preset Scan, and Scan menus



Search

Press the |■Menu| button ▶ Press |■Search| ▶ Enter numbers and press |Done|



Enter the number of the channel you want to receive.

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XM Mode

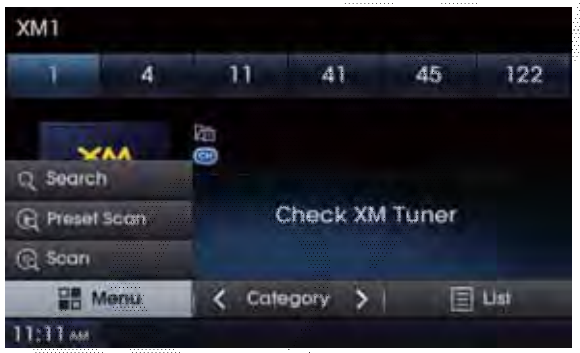
Preset Scan

Press the |■Menu| button ▶ Press |■Preset Scan|

Channels saved to the 6 preset buttons are each played for 5 seconds and the previous channel is restored.

Scan

Press the |■Scan |button to scan all channels.



Starting from the current channel, channels with superior reception are scanned for 5 seconds and the previous channel is restored once scanning is complete.

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About Discs

Precautions upon handling discs

- After using a disc, put the disc back in its original case to prevent disc scratches.
- Do not use abnormally shaped discs (8cm, heart-shaped, octagon-shaped) as such discs could lead to malfunctions.
- Do not clean discs with chemical solutions, such as record sprays, antistatic sprays, antistatic liquids, benzene, or thinners.
- Do not expose the disc to direct sunlight or high temperatures for prolonged periods of time. Such exposure may lead to disc deformation.
- Upon playing a disc contaminated by dirt or other substances, the sound and video quality may deteriorate and result in skipping sounds. Writing on either side of the disc could result in damage to disc surfaces.
- Clean fingerprints and dust off the disc surface (coated side) with a soft cloth.
- Copy-protected CDs, such as S-type CDs, may not properly operate in the device.
- Do not disassemble the device. Contact a designated service center in case of malfunction. (Complete after service assistance will not be provided if the user disassembles the device.)
- Do not use water to clean the device. Exposure to water could lead to product malfunction.
- Do not to introduce foreign substances into the disc insert/eject slot. Introducing foreign substances could damage the device interior.
- The device may fail to properly operate in extremely hot or cold temperatures. (The operating temperature range is: -10℃ ~ 65℃)
- Steam can become condensed on the fiber-optic lens due to rain, wet conditions, or upon operating the heating system. In such cases, discs may not be properly recognized could be the cause of product malfunction. Remove the disc and wait until the moisture dries.
- Skipping may occur to the audio and video when driving on bumpy roads for prolonged periods of time or upon severe shock to the vehicle. In case of severe shock, video and audio may not properly play.

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Supported disc formats

This device supports the following disc formats.

Disc Type

Disc Type	Disc Format	Device Support
CD	3인치 (8cm) 5인치 (12cm) CD CD-R CD-RW Multisession-CD	O O O O (Read Only) O (Read Only) O (Read Only)
SACD	SACD (Single, SACD layer) SACD (Hybrid)	X O (Only CD layer)

Disc Format

Disc Type	Disc Format	Device Support
CD	3CD-DA	O
	MP3	O
	WMA	O
	MPEG4 AAC	X
	DTS-CD	O
	CD-RM	O
	CD-G	O
	CD-EXTRA	O
	CD-TEXT	O

Disc/Content format compatibility

By Format according to Disc Type

Disc Type	Disc Format	Device Support
CD	LPCM	O
MP3	MEPG1, Layer3	O
	MEPG2, Layer3	O
	MEPG2.5	O
WMA	Ver9	O

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About Discs

Ordinary Disc Compatibility

This device has been designed/ manufactured to be compatible with software bearing the following logo marks.

Audio-CD

• CD-R/RW discs (Audio CD) created with CD recording devices or PCs may not properly operate in the device.

• This is a result of various causes, including disc format, recording method, and contamination to the disc or lens.

CD-R/RW Compatibility

• This device supports CD-R, CD-RW, and MP3 discs burned in Audio CD formats.

• The recording of CD-R and CD-RW discs with this device is not supported.

• CD-R/RW discs recorded as audio CDs that were not finalized are not supported by this device.

PC-created disc compatibility

• When burning a disc on the PC, the disc may not operate in this device depending on the software settings. In such cases, inquire with the software manufacturer.
• Additional information regarding compatibility is displayed on the CD-R/RW software disc box.
• DVD-R/W discs are not compatible with this device..

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Cautions upon writing CDs

• When a multi-session disc is being recorded, make sure to close the session before recording.
• If mp3/wma file extensions are changed, such could result in malfunctions.
• In the case of MP3/WMA, write using only English. (Other languages are not supported)
• Unauthorized use of copy-protected music files is prohibited by law.
• Prolonged use of CD-R/CD-RW products that do not satisfy related specifications may result in product malfunction.
• When writing CDs, low-speed writing is recommended.

Compressed audio compatibility

• Physical formats of CD: Model 1, Model 2 XA format 1.
• This device supports audio file compressed through MPEG-1 audio stream layer 3 (MP3) using 8kbps ~ 320kbps (CBR), VBR..
• For stable operation, the use of files in 95kbps~192kbps bit rate range and 44.1kHz SAMPLING frequency is recommended.
• This device supports WMA audio files using 20kbps ~ 320kbps(CBR), VBR.
• Variable bit rate files may operate, but the play time information may not be properly displayed.
• This device only supports tracks with file extension of ".mp3" or “.wma".
• This device does not support multisession discs.
• This device supports only 8 layer folders.
• This device supports MP3 ID3 tag versions of Ver. 1.0, Ver. 1.1, Ver. 2.2, Ver. 2.3, Ver. 2.4. When using discs with other versions, the ID3 info will not be displayed.
• Although this device has been designated to be compatible with various bit rates, playing low bit rate MP3 tracks may result in low quality sound.

Before playing a MP3 Disc

Supported MP3 File Specification

• Acceptable standard: MPEG1 AUDIO LAYER 33
• Acceptable sampling frequency: 8, 11.025, 12, 16, 22.05, 24, 32, 44.1,, 48(KHz)
• Acceptable bit rate: 8 ~ 320 (Kbps)

Recommended bit rates and frequency

• Sampling frequency: 96 ~ 192 Kbps fixed bit rate /44.1kHz

Notice

• Supported ID3 tags : ID3v1 0, ID3v1 1, ID3v2 2, ID3v2 3, ID3v2 4
• Supported MP3 Media: : CD-ROM
• Supported media formats: ISO9660 LEVEL1 and LEVEL2

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About Discs

Detailed Specification

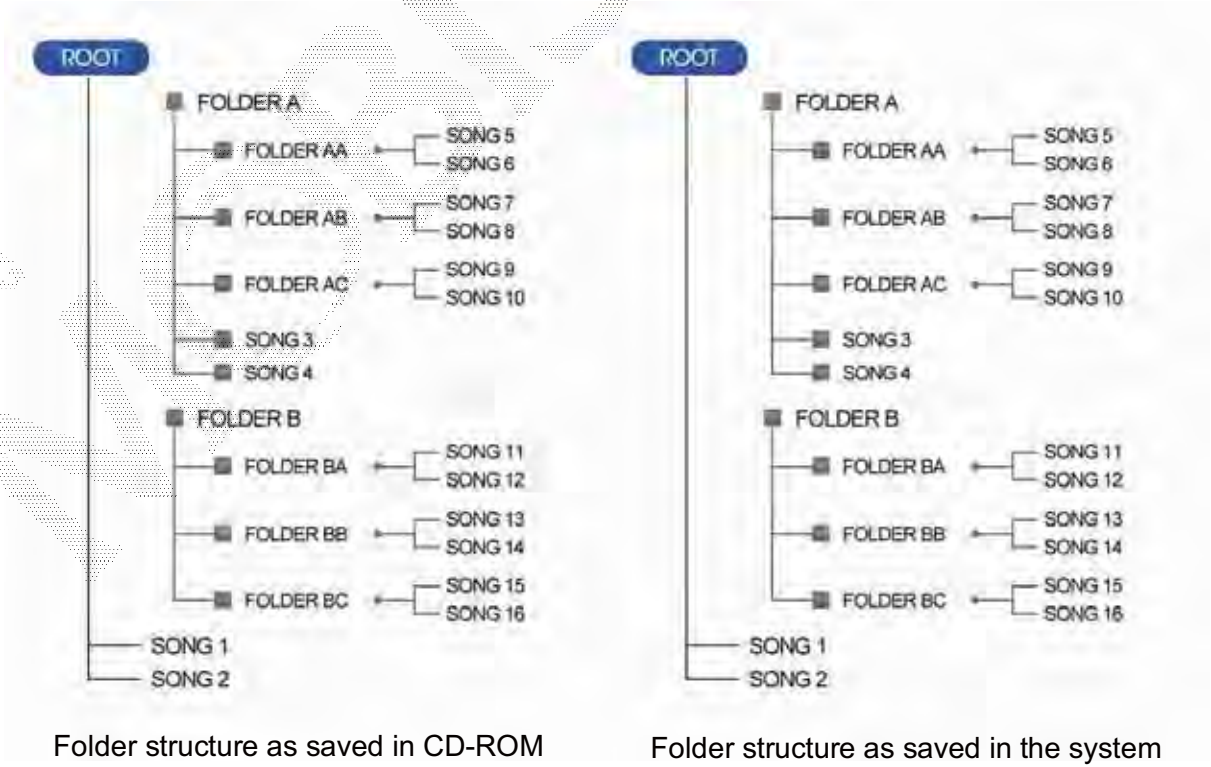
• Maximum directory layers: 8 layers
• Maximum folder length: 64 bytes, file name length: 64 bytes
• Supported characters for folder name/ file name: Alphanumeric characters, Korean standard character set 2350 characters, Simplified Chinese 4888 characters
• Maximum number of folders per disc: 256 folders (including ROOT)
• Maximum number of files per disc: 512 files

Precautions upon burning MP3 files

• The use of ISO 9660 LEVEL 2 JOLIET format is recommended.
• Up to 32 characters in Korean/Chinese are supported for file names and up to 20 characters in Korean/Chinese are supported for folder names.
• The use of CDs exceeding 700M may result in faulty disc recognition or errors upon play.

MP3 File Structure

Recognition occurs through the same folder structure used within the disc.



Folder structure as saved in CD-ROM

Folder structure as saved in the system

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CD Mode

Basic Mode Screen

	Name	Description
1	Mode	Displays currently operating mode
2	Track Index	Shows the current track/total tracks
3	Repeat/ Shuffle/ Scan	From Repeat/Shuffle/Scan, displays the currently operating function
4	Play Time	Displays the current play time
5	Track	Track number of current song
6	Menu	Displays Repeat, Shuffle, Scan, and Info On (Info Off) menus
7	Repeat	Repeats the current track
8	Shuffle	Plays disc tracks in random order
9	Scan	Scans the beginning parts of disc tracks (approx 10 seconds per track)
10	Info Off (Info On)	Info Off: shows only track info Info On: shows track info, artist and album info ※empty when there is no corresponding information.
11	Previous Track	• When the play time is under 2 seconds: Moves to the previous track • When the play time is over 2 seconds: Plays the current song from the beginning
12	Play/ Pause	Plays/pauses the current track
13	Next Track	Moves to the next track
14	List	Moves to the track list screen
15	Artist Info	Displays artist info for current song (Will not be displayed if the information does not exist)
16	Album Info	Displays album info for current song (Will not be displayed if the information does not exist)

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Starting Mode

Press the [MEDIA] key ▶Press |CD|

Notice

• Only genuine audio CDs are supported. Other discs may result in recognition failure (e.g. copy CD-R, CDs with labels)

Information

• CD mode will automatically start once a CD is inserted.

Playing a CD

• Press the |▶| button to play the track.
• Press the |II| button to pause the track.

Fast-forwarding or Rewinding CD Tracks

While Playing ▶ Press and hold the [∨SEEK TRACK∧] key (over 0.8 seconds)

This will rewind or fast-forward the track. While the [∨SEEK TRACK∧] key is being pressed, the track will rewind or fast-forward at 20x speed.
Once released, the track will begin playing at normal speed.

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CD Mode

Searching CD Tracks

Press the [∨TUNE∧] key ▶ Search tracks ▶ Once the desired track name is displayed, press the [ENTER] key

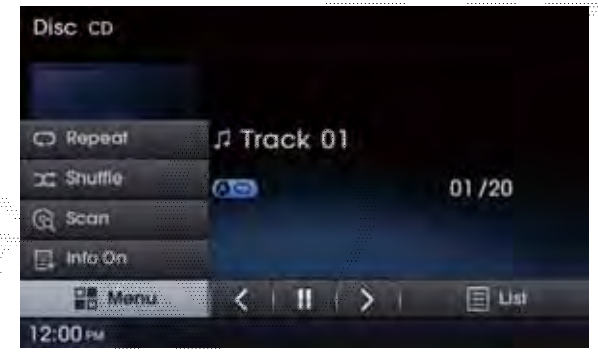
When searching tracks, the track number is displayed in blue. Pressing the [ENTER] key will play the corresponding track.

Information

• If the [∨TUNE∧] key is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.

Using the Menu Buttons

Press the |■Menu| button to set the repeat, shuffle, scan and Info On/Info Off menus.



Repeat

Press the |■Menu| button ▶Press |■Repeat|
The current track is repeated.

Information

Press the |■Repeat| button again to turn off repeat. If nothing is selected, then all tracks will be played in sequential order.

Shuffle

Press the |■Menu| button ▶ Press |■Shuffle|

Tracks within the disc are played in random order.

Information

• Press the |■Shuffle| button again to turn the shuffle option off.

Scan

Press the |■Menu| button▶ Press |■Scan|

The beginning (approx 10 seconds) of all tracks within the CD are scanned.

Information

• Press the |■Scan| button again to turn the scan option off.

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Info On/Info Off

Press the |■Menu| button ▶ Press the |■Info on|

The amount of information displayed on the screen can be selected. The title, artist, and album info are additionally displayed and the button will automatically change to |■Info Off|. Press |■Info Off| to restore the previous information display setting.

Information

• Artist/album info are supported within Text CDs.

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MP3 CD Mode

Basic Mode Screen

Name		Description
1	Mode	Displays currently operating mode
2	File Index	Shows the current MP3 file/total number of MP3 files
3	Repeat/ Shuffle/ Normal Play	From Repeat All/Repeat One Song/Repeat Folder/Shuffle Folder/Shuffle All/Folder Scan/Scan All, displays the currently operating function
4	Play Time	Displays the current play time
5	Folder Time	Displays Folder Name for current file
6	File Name	Displays the name of the current file
7	Menu	Displays Copy, Repeat, Shuffle, Scan and Info On (Info Off) menus
8	List	Moves to the list screen
9	Copy	Copies the currently playing file into My Music
10	Repeat	Repeats the current file (each time the button is pressed, changes in order of Repeat Once → Repeat Folder → Off).
11	Shuffle	Plays files in random order (each time the button is pressed, changes option in order of Shuffle Folder → Shuffle All → Off)
12	Scan	Scans the beginning parts of MP3 files (approx. 10 seconds per file) (Each time the button is pressed, changes option in order of Folder Scan → Scan All → Off)
13	Info Off (Info On)	Changes the display method between Info Off/Info On • Info Off: shows folder name/file name • Info On: shows folder name, file name, title, artist, and album info
14	Previous File	• When the play time is under 2 seconds: Moves to the previous file • When the play time is over 2 seconds: Plays the current file from the beginning
15	Play/Pause	Plays/pauses the current file
16	Next File	Moves to the next file

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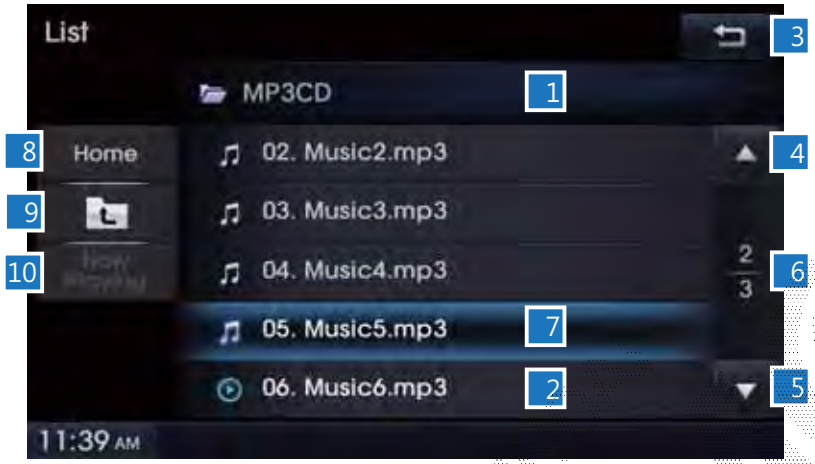
List Menu Screen



Name	Description
1 Folder Name	Folder name of current list
2 Current Song	Shows current file name highlighted
3 Back button	Converts to basic mode screen
4 Previous list	Moves to the previous list
5 Next list	Moves to the next list
6 List page	Shows current file list page/total number of pages
7 List Focus	Creates focus upon operating Tune
8 Home Folder	Moves to home folder
9 Parent Folder	Moves to the parent folder
10 Now Playing	When moving to a different list screen, moves to the list page where the current file is located. Becomes disabled when the current list includes the current file.

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MP3 CD Mode

Starting Mode

Press the [MEDIA] key ▶Press |MP3|

Information

• MP3 mode automatically starts when an MP3 disc is inserted.
• If there are numerous songs and folders within the disc, reading time could take more than 10 seconds and the list may not be displayed or song searches may not operate. Once loading is complete, try again.
• Only genuine audio CDs are supported. Other discs may result in recognition failure (e.g. copy CD-R, CDs with labels)

Playing MP3

• Press the |▶| button to play the file.
• Press the |II| button to pause the file.

Selecting MP3 files

Selecting from the Mode Screen

• Press the [∨SEEK TRACK∧] keys to select the previous or next file.

•Pressing and holding the[∨SEEK TRACK∧] keys will rewind or fast-forwarding the current file.

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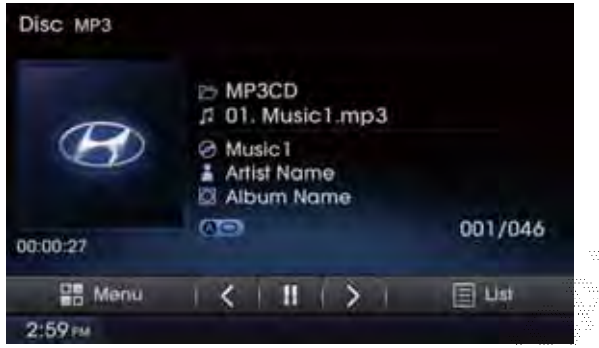
Using Menus within List Screen

Press the |■List| button ▶ Select the file from the list



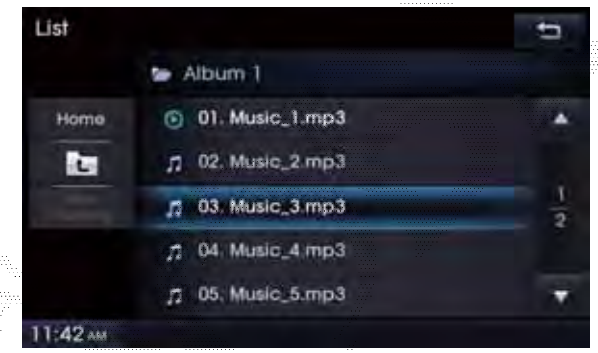
Fast-forwarding or Rewinding MP3 Files

While playing ▶Press and hold the [∨SEEK TRACK∧] key (over 0.8 seconds)

This will rewind or fast-forward the file.
While the [∨SEEK TRACK∧] key is being pressed, the file will rewind or fast-forward at 20x speed.
Once released, the file will begin playing at normal speed.

Searching MP3 Files

Press the [∨TUNE∧] key ▶ Search files ▶ Once the desired file name is displayed, press the [ENTER] key



When searching files, the file number is displayed in blue. Pressing the [ENTER] key will play the corresponding file.

Information

• If the [∨TUNE∧] key is not pressed within 5 seconds of searching files, the file info for the current track is restored.

Using the Menu Buttons

Press the |■Menu| button to set the copy, repeat, shuffle, scan, and Info On/Off options.

Copy

Press the |■Menu| button ▶ Press |■Copy|

The currently playing file is copied and saved in My Music.

Information

• Copied and saved files can be played within My Music mode.

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MP3 CD Mode

Repeat

Press the |■Menu| button ▶ Press |■Repeat|

Each time the button is pressed, the option is changed from Repeat Once → Off.

Information

- Repeat Once: repeats the current file
- Repeat Folder : repeats all files in current folder

Shuffle

Press the |■Menu| button ▶ Press |■Shuffle|

Each time the button is pressed, the option is changed from Shuffle Folder → Shuffle All → Off.

Information

- Shuffle Folder : plays files in current folder in random order.
- Shuffle All : plays all files in DISC in random order.

Scan

Press the |■Menu| button ▶ Press |■Scan|

Each time the button is pressed, the option is changed from Folder Scan →Scan All → Off.

Information

- Folder Scan : scans files in current folder.
- Scan All: scans all files in the disc.

Info On/Info Off

Press the |■Menu| button ▶ Press |■Info On|

The amount of information displayed on the screen can be selected.
The title, artist, and album info are additionally displayed and the button will automatically change to |■Info Off|. Press |■Info Off| to restore the previous information display setting.

Notice

- The title, artist and album info are displayed only when such information is recorded within the MP3 file ID3 tag.

Using Menus within List Screen

Moving between Lists

Press |■List| button ▶ Press the |▲|,|▼| buttons

파트

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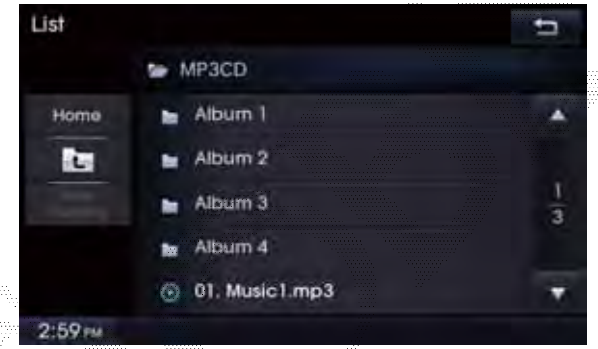
If five (5) or more files or folders exist the same folder, in the list will be displayed across two or more pages.
Press the |▲|, |▼| cursor buttons to quickly find the desired page

Information

• A lag may occur in displaying the previous/ next list page depending on the file name or file size.

Moving between folders

Press the |■| button ▶ Select folder from the folder list



Pressing the |■| button will move to the folder one level above the current folder.
Pressing the |Home| button folder will move to the root folder.

Information

• If there are no more parent folders, both |Home|,|■| buttons will be disabled.

Returning to current location

While searching files within other folders, press the |Now Playing| button to return to the currently playing file screen.

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USB Mode

About USB

Before playing a USB MP3

Connect the USB device after turning on the engine. The USB device may become damaged if it is already connected when the ignition is turned on.

- Files that are not standard format music/image files will not be played.
- For MP3/WMA files, only music files with compression rates between 8Kbps ~ 320Kbps can be played.
- Heed caution to static electricity when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognized when connected as an external device.
- When connecting an external USB device, the device may not properly recognize the USB is in some states.
- Only products formatted with byte/sectors under 64Kbyte will be recognized.
- This device recognizes USB devices formatted in FAT 12/16/32 file formats. This device does not recognize files in NTFS file format.
- Some USB devices may not be supported due to compatibility issues.
- Avoid contact between the USB connector with bodily parts/foreign objects..
- Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.
- Make sure to connect/disconnect external USB devices with the audio power turned off.
- The amount of time required to recognize the external USB device may differ depending on the type, size, or file formats stored on the USB. Such differences in required time are not indications of malfunction.
- The use of USB devices for purposes other than playing music and image files is prohibited.
- Do not use the USB I/F to charge batteries or USB accessories that generate heat. Such acts may lead to worsened performance or damage to the device.
- The device may not recognize the USB device if separately purchased USB hubs and extension cables are being used. Connect the USB directly with the multimedia terminal of the vehicle.

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- When using mass storage USB devices with separate logical drives, only files saved to the root drive can be played. When application programs are installed to specific USBs, files may not properly play.
- The device may not operate normally if MP3 Players, cellular phones, digital cameras, or other electronic devices (USB devices not recognized as portable disk drives) are connected with the device.
- Charging through the USB may not work for some mobile devices.
- The device may not support normal operation when using a USB memory type besides Metal Cover Type USB Memory.
- The device may not support normal operation when using formats such as HDD Type, CF, or SD Memory.
- Upon playing iPods, please use a dedicated iPod car cable.
- Normal operations cannot be guaranteed when other cables are being used.
- The device will not support files locked by DRM (Digital Rights Management.)
- USB memory sticks used by connecting an Adaptor (SD Type or CF Type) may not be properly recognized.
- Only use Plug type connector products, as shown in the figure below.

Product Name	Manufacturer
XTICK	LG
BMK	BMK Technology
SKY-DRV	Sky Digital
TRANSCEND JetFlash	Transcend
Sandisk Cruzer	SanDisk
Micro ZyRUS	ZyRUS
NEXTIK	Digiworks

Information

• Problems that occur through use of USB devices not listed within the above table are not covered by the product warranty.

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USB Mode

MP3 USB Information and Precautions

Name	Description
MP3 File Specification	Specification: MPEG1 AUDIO LAYER 3
Recommended bit rates and sampling frequency	Acceptable sampling frequency: 32, 44.1, 48 (KHz)
	Acceptable bit rate: 32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 (Kbps)
	96, 128, 192 Kbps fixed bit rate/ 44.1KHz
ID3 tag	Supports ID3v1.0 and ID3v1.1, ID3v2.2, ID3v2.3, ID3v2.4 ID3 tags
Detailed Specifications	Maximum directory layers: 20 layers Maximum length of folder name/file name: 255Bytes Supported characters for folder name/file name: Alphanumeric characters, Korean standard character set 2350 characters, Simplified Chinese 4888 characters Maximum number of folders which can be stored onto one USB: 2000 folders (including ROOT) Maximum number of files which can be stored onto one USB: 8000

Information

- In cases that are not fixed bit rates, the play time may not be properly displayed.
- If a problem occurs while playing or when playing an unsupported video format file, use an up-to-date encoding software to change the format for use.

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Basic Mode Screen

USB Music Mode

Name	Description
1 Mode	Displays currently operating mode
2 File Index	Shows the current file/total files within the USB
3 Repeat / Shuffle /Scan	From Repeat All/Repeat One Song/Repeat Folder/Shuffle Folder/Shuffle All/Folder Scan/Scan All, displays the currently operating function
4 Play Time	Displays the current play time/total play time
5 Folder Name	Displays folder Displays the name of the current file
6 File Name	Displays the name of the current file
7 Menu	Displays Copy, Repeat, Shuffle, Scan and Info On (Info Off) menus
8 List	Moves to the list screen
9 Copy	Copies the currently playing file into My Music
10 Repeat	Repeats the current file (each time the button is pressed, changes in order of Repeat Once → Repeat Folder → Off)
11 Shuffle	Plays files in random order (each time the button is pressed, changes option in order of Shuffle Folder → Shuffle All → Off)
12 Scan	Scans the beginning parts of USB files (approx. 10 seconds per file) Each time the button is pressed, changes option in order of Folder Scan → Scan All → Off)
13 Info Off (Info On)	• Info Off: shows folder name/file name • Info On: shows folder name, file name, title, artist, and album info
14 Previous File	• When the play time is under 2 seconds: Moves to the previous file • When the play time is over 2 seconds: Plays the current file from the beginning
15 Play/ Pause	Plays/pauses the current file
16 Next File	Moves to the next file

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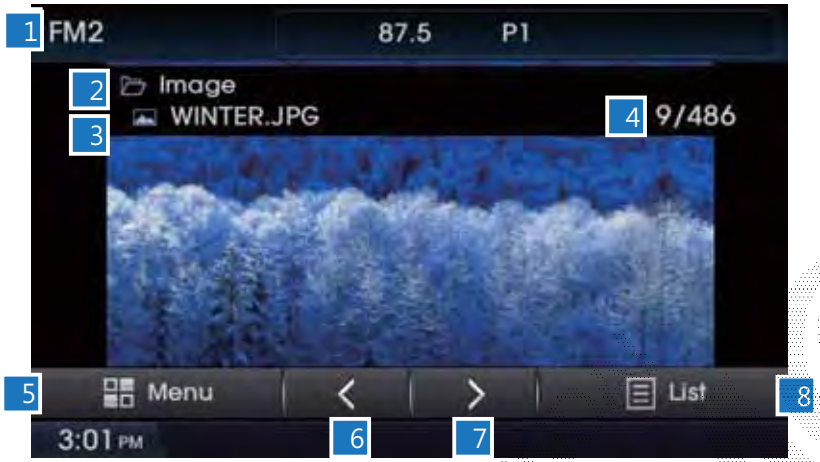
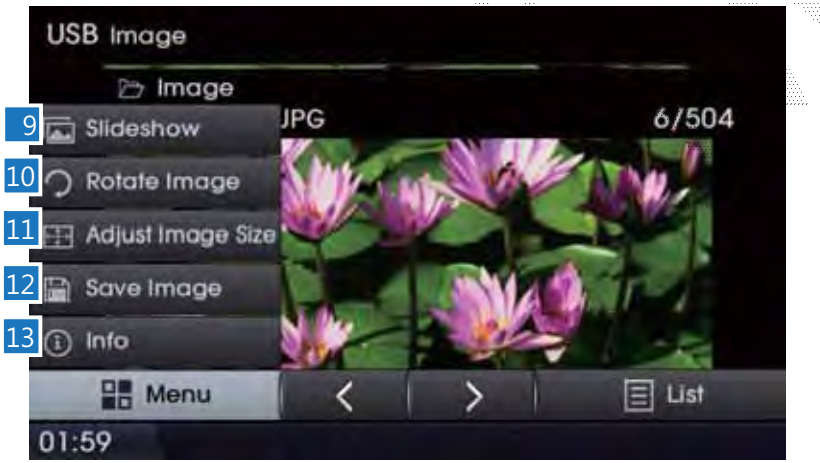
USB Image Mode





액자저장 (Save Image) -> Save as Frame으로 변경 검토

Name	Description
1 Mode	Displays currently operating mode
2 Folder Name	Displays folder name where image is located
3 File Name	Name of image file
4 File Index	Shows the current image file/total image files within the USB
5 Menu	Displays Slideshow, Rotate Image, Adjust Image Size, Save Image, and Info menus (Press the button again to hide the buttons)
6 Previous Image	Shows previous image
7 Next Image	Shows next image
8 List	Moves to the list screen
9 Slideshow	View images as slideshow in 5, 10, 20, 30 second intervals
10 Rotate Image	Rotate image in clockwise direction
11 Adjust Image Size	Enlarge/reduce (zoom-in/zoom-out) image size
12 Save Image	Add image as frame screen displayed when the system power is turned off
13 Info	Shows the file name, resolution and file type of current image

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USB Mode

Starting USB Music Mode

Press the [MEDIA] key ▶ Press |USB Music|

If the USB is not connected, then the |USB Music| button will be disabled.

Information

• Once a USB is connected, USB Music mode will operate automatically.
• If a previously played USB is reconnected, then the song after the most recently played song is played. However, if a different USB is connected or the file information within the USB was changed, then the USB file order information is deleted and will start playing from the first song within the USB

Playing USB Music

• Press the |▶| button to play the USB Music.
• Press the |II| button to pause USB Music.

Searching USB Music Files

While Playing ▶Press the |<|,|>| buttons or the [∨SEEK TRACK∧] key to play the previous/next file

• Pressing and holding the [∨SEEK TRACK∧] keys (over 0.8 seconds) will rewind or fast-forward the current file.
• While the [∨SEEK TRACK∧] key is being pressed, the track will rewind or fast-forward at high speeds. Once the key is released, the USB Music will begin playing at normal speed.

Information

• The |<|, |>| buttons displayed on the screen allow you to select the previous/next file. These buttons will not rewind or fast-forward the file.

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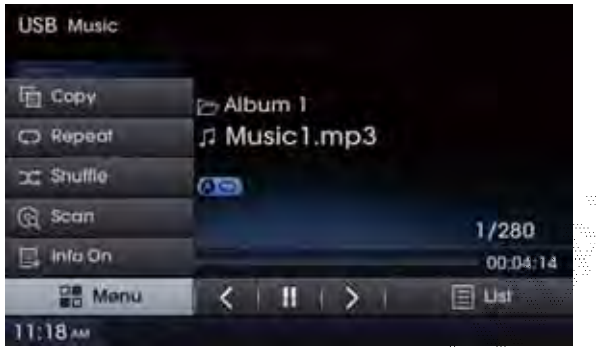
Using the Menu Buttons

Press the |■Menu| button to set the Copy, Repeat, Shuffle, Scan, Info On (Info Off) menus.



Copy

Press the |■menu| button ▶ Press |■Copy|

The currently playing file is copied and saved in My Music.

Information

• Copied and saved files can be played within My Music mode.

Repeat

Press the |■Menu| button ▶ Press |■Repeat|

Each time the button is pressed, the option is changed from Repeat Once → Off.

Information

• Repeat Once: repeats the current file
• Repeat Folder : repeats all files in current folder

Shuffle

Press the |■Menu| button ▶ Press |■Shuffle|

Each time the button is pressed, the option is changed from Shuffle Folder → Shuffle All → Off.

Information

• Shuffle Folder : Plays files within the current folder in random order.
• Shuffle All : Plays files within the USB in random order.

Scan

Press the |■Menu| button ▶ Press |■Scan|

Each time the button is pressed, the option is changed from Folder Scan →Scan All → Off.

Information

• Folder Scan : Searches files within the current folder.
• Scan All: Scans files within the USB in random order.

Info On/Info Off

Press the |■Menu| button ▶ Press |■Info On|

The screen display can be set differently depending on user selection.
The title, artist, and album info are additionally displayed and the button is changed to|■Info Off|
Press |■Info Off| to restore the previous information display setting.

Information

• The title, artist and album info are displayed only when such information is recorded within the MP3 file ID3 tag.

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USB Mode

Starting USB Image Mode

Press the [MEDIA] key ▶Press |USB Image|

Searching USB Image Files

While Playing ▶Press the |<|,|>| buttons to view the previous/next image

Information

• Press the |■List| button to view the list of USB images.

Using the Menu Buttons

Press the|■Menu| button to set the Slideshow, Rotate Image, Adjust Image Size, Save Image and Info menus.

Slideshow Interval

Press the |■Menu| button ▶ Press |■Slideshow|

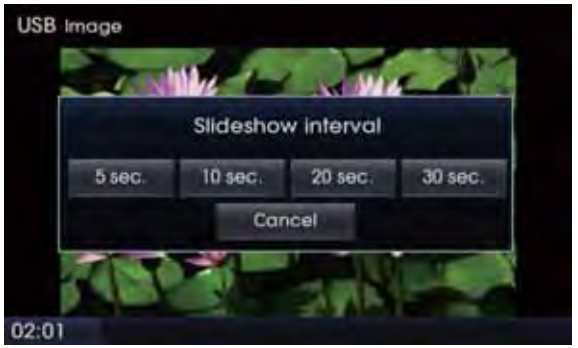

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Image slideshow intervals can be set at |5sec|, |10sec|, |20sec|, |30sec| intervals

Rotating Image

Press the |■Menu| button ▶ Press |■Rotate Image| ▶ Press |Done|

Each time the |■Rotate| button is pressed, the image is rotated from 0 → 90 → 180 → 270 degrees.

Information

- Rotated images are not saved.
- The image will restore its original angle when returning to it after viewing a different image.

Adjusting Image Size

Press the |■Menu| button ▶ Press |■Adjusting Image Size| ▶Press |Done|

Press the |-|, |+| buttons to enlarge or reduce the image size. The scale can be changed from 1/4, 1/2, 1x, 2x, to 4x.

Information

- Enlarged or reduced images are not Saved. The image will restore its original size when returning to it after viewing a different image.
- If the image cannot be fully displayed on the screen, touch the image to move the screen.

Saving Image

Press the |■Menu| button ▶ Press |■Save Image|

Information

- For details on using the picture frame, refer to the Picture Frame Settings within Setup.

Viewing Info

Press the |■Menu| button ▶ Press |■Info|

This menu is used to check image information, such as the image resolution and file type.

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iPod Mode

Using iPod Devices

- iPod is a registered trademark of Apple Inc.
- iPod mode will not operate if the connected iPod cannot be recognized due to operation of unsupported versions that do not support related protocols, iPod abnormalities, or iPod device defects. Some iPods with unsupported communication protocols may not properly operate in the Navigation system.
- • For fifth generation iPod Nano devices, the iPod may not be recognized when the battery level is low. Please charge the iPod for use.
- Search/play orders shown within the iPod device may differ with the orders shown within the Navigation system.
- If the iPod malfunctions due to an iPod device defect, reset the iPod and try again. (To learn more, refer to your iPod manual)
- • For some iPod Touch and iPhone devices, connecting Bluetooth® while the iPod is operating may result in discontinued iPod sound. When such devices with Bluetooth® support is connected, this problem occurs as the sound source is changed from the Dock Connector (USB connector cable) to Bluebird (Bluetooth® Module).
- To listen to the iPod sound, re-connect the USB cable or exit then re-enter iPod mode.
- In order to use the iPod while operating the keys, you must use a dedicated iPod cable. (the cable that is supplied when purchasing iPod/iPhone products)
  During ACC ON state, connecting the iPod through the iPod cable (the cable that is supplied when purchasing iPod/ iPhone products), will charge the iPod through the head unit.

  ※ The use of genuine iPod cables supplied by Apple is recommended. (The use of other products may result in noise or abnormal operation)
- When connecting with the iPod cable, make sure to fully insert the jack to prevent communication interference. If the iPod is connected to the vehicle while it is playing, a high pitch tone may sound for about 1~2 seconds immediately after connection. If possible, connect the iPod to the vehicle with the iPod stopped/paused.

  Within iPhones, streaming audio and iPod control may occasionally conflict. If problems persist, remove the iPhone and connect again.

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- Some iPod versions may not sync with the system. then the system may not properly restore the previously operated mode. (For iPads, battery charging is not supported.)
- Applications that are not exclusively used as iPod Applications within iPhone/iPod Touch devices are not supported.

Steps upon Initial Connection

Search Steps may differ depending on the type of iPod device.

	1 Step	2 Step	3 Step	4 Step	5 Step
Play List	Play List	Play List name (category is same as iPod)			
Artist	Artist	Artist Name	Album Name	Song Name	
Album	Album	Album Name	Song Name		
Genre	Genre	Genre Name	Artist Name	Album Name	Song Name
Song	Song	Song Name			
Composer	Composer	Composer Name	Album Name	Song Name	

Supported iPod devices

- Operation is supported and Apple Inc. certified: ○
- Operation is supported but uncertified: △

Device/Generation	1st	2nd	3rd	4th	5th	6th
iPod Mini	Not Supported					
iPod Shuffle	Not Supported					
iPod Nano	O	O	O	O	O	O
iPod Touch	O	O	O	O	Not Released	
iPod Classic	O	Not Released				
iPod with video	O	Not Released				

Device/Type	3GS	4G	4S
iPhone	Not Released	O	△

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iPod Mode

Basic Mode Screen

Name	Description
1 Mode	Displays currently operating mode
2 File Index	Shows the current file/total files within the iPod
3 Repeat / Shuffle	From Repeat Once/Shuffle Category/Shuffle Random, displays the currently operating function
4 Play Time	Displays the current play time/total play time
5 Title	Displays name of current title
6 Artist Info	Artist name
7 Album Info	Album name
8 Menu	Displays Repeat, Shuffle, and Info On (Info Off) menus
9 Previous File	Moves to the previous file
10 Play/ Pause	Plays/pauses the current file
11 Next File	Moves to the next file
12 List	Moves to the list screen
13 Repeat	Repeats the currently playing file.
14 Shuffle	Plays files in random order (each time the button is pressed, changes option in order of Shuffle Category → Shuffle Album → Off)
15 Info Off (Info on)	Changes the display method between Info Off/Info On • Info Off: Shows title, artist, and album Info • Info On: Shows title, artist, album, genre, and composer info

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Starting Mode

Press the [MEDIA] key▶ Press |■iPod|

If the iPod is not connected, then the |■iPod| button will be disabled.

Information

• Once an iPod is connected, iPod mode will operate automatically.

Notice

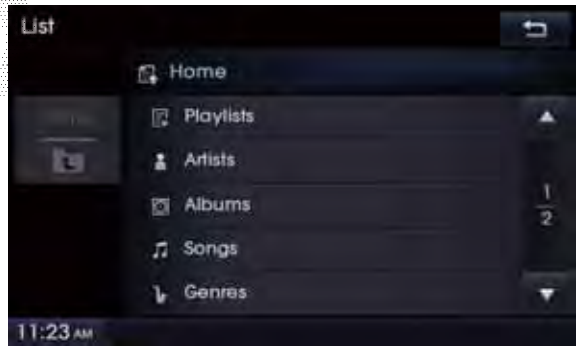
• Some iPods with unsupported communication protocols may not properly operate in the Navigation system.

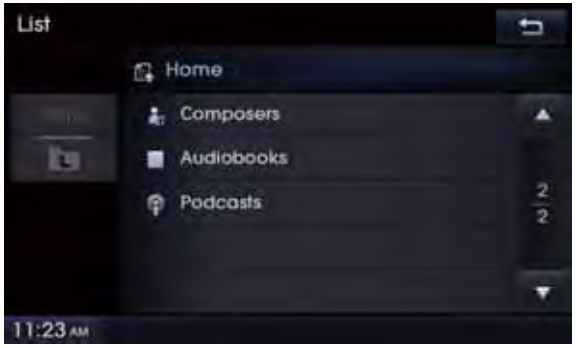
Playing iPod

• Press the |▶| button to play the iPod.
• Press the |II| button to pause the iPod.

Searching iPod

Press the |■List| button to display the initial iPod list screen.





When searching an iPod, it is possible to search by playlists, artists, albums, songs, genres, composers, audiobooks, and Podcasts.

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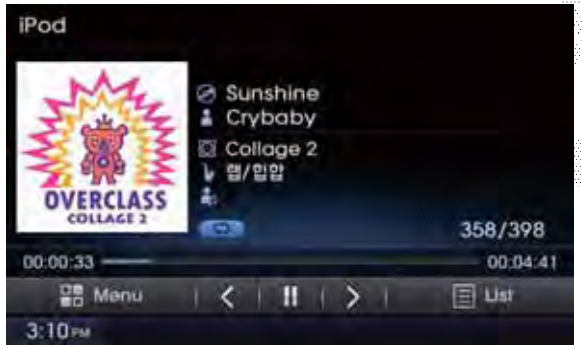
iPod Mode

Information

• If the search mode is accessed while playing a song, the most recently searched step is displayed.
• Search steps upon initial connection may differ depending on the type of iPod device.

Selecting iPod file

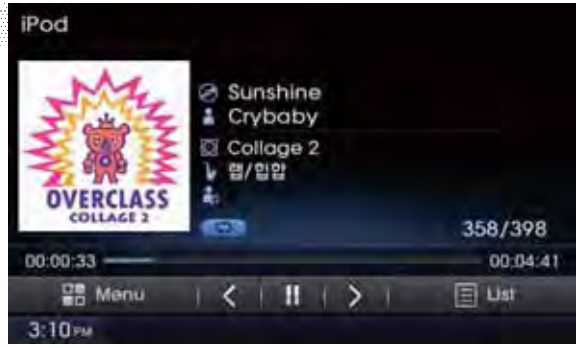
While Playing ▶ Press the |<|,|>| buttons or the [∨SEEK TRACK∧] key to play the previous/next file



Pressing and holding the [∨SEEK TRACK∧] keys (over 0.8 seconds) will rewind or fast-forward the current song.

Searching iPod Files

Press the [∨TUNE∧] key ▶ Search files ▶ Once the desired file name is displayed, press the [ENTER] key



When searching files, the file number is displayed in blue. Pressing the [ENTER] key will play the corresponding file.

Information

• If the [∨TUNE∧] key is not pressed within 5 seconds of searching files, the file info for the current track is restored.

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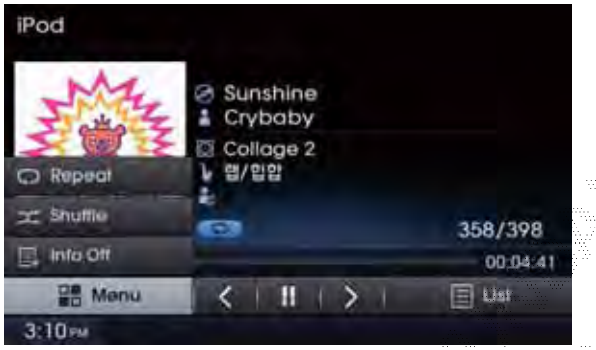
Using the Menu Buttons

Press the |■Menu| button to set the Repeat, Shuffle, and Info On (Info Off) menus.



Repeat

Press the|■Menu| button ▶ Press |■Repeat|

Information

• The currently playing file is repeated.
• Press the |■Repeat| button again to turn off repeat.

Shuffle

Press the|■Menu| button ▶ Press |■Shuffle|

Information

• Each time the |■Shuffle| button is pressed, the option is changed from Shuffle Category → Shuffle Album → Off.
• Shuffle Category : Plays files within the current category in random order.
• Shuffle Album : Plays files within the current category in random order.

Info On/Info Off

Press the|■Menu| button ▶ Press |■Info On|
The screen display can be set differently depending on user selection.
The title, artist, and album info are additionally displayed and the button is changed to |■Info Off|
Press |■Info Off| to restore the previous display setting.

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AUX Mode

Starting Mode

Press the [MEDIA] key ▶ Press |■AUX|

Information

• If an external device connector is connected with the AUX terminal, then AUX mode will automatically operate. Once the connector is disconnected, the previous mode will be restored.
• AUX mode can be used only when an external audio player (camcorder, car VCR, etc.) has been connected.
• The AUX volume can be controlled separately from other AV modes.

Notice

• Connecting a connector jack to the AUX terminal without an external device will convert the system to AUX mode, but only output noise. When an external device is not being used, also remove the connector jack.
• When the external device power is connected to the power jack, playing the external device may output noise. In such cases, disconnect the power connection before use.

Connecting an External Device

External AUDIO players can be played through a dedicated cable. The position of the AUX jack is at the top of the gear box located between the driver and passenger seats.

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Bluetooth® Audio Mode

Basic Mode Screen

	Name	Description
1	Mode	Displays currently playing mode
2	Phone Name	Displays name of connected phone
3	Title	Name of current song
4	Artist Info	Name of current artist
5	Play	Plays Bluetooth® Audio
6	Pause	Pauses Bluetooth® audio
7	Connections	Displays the Connections screen.

Information

• The title/artist info may not be supported in some mobile phones. When not supported, a symbol will be displayed.
• The play/pause feature may operate differently depending on the mobile phone.

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Bluetooth® Audio Mode

Using Bluetooth® Audio

- Bluetooth® Audio Mode can be used only when a Bluetooth® phone has been connected.
- While Bluetooth® Audio is playing, if the Bluetooth® phone is connected, then the music will also stop.
- Bluetooth® streaming audio may not be supported in some mobile phones.

Starting Mode

Press the [MEDIA] Key ▶ Press |■Bluetooth Audio|

Information

If the Bluetooth® device is not connected, then the |■Bluetooth Audio| button will be disabled.

Playing Bluetooth® Audio

- Press the |▶| button to play files saved within the Bluetooth® phone.
- Press the |II| button to pause the file.

Information

- If the Bluetooth® audio does not play, |■Setup| ▶ |■Bluetooth| ▶ |■Streaming Audio Setting| ▶ If the option is set to |Off| change to |On| and try again.

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Selecting Bluetooth® Audio

While Playing ▶ Press the [∨SEEK TRACK∧] key ▶ Select the previous/next file

Information

• The title/artist info may not be supported in some mobile phones. When not supported, a symbol will be displayed.
• The play/pause feature may operate differently depending on the mobile phone.

Setting Connection

Press the |Connections| button to add a new Bluetooth® phone, connect/disconnect, delete, delete all, or view the Help section.

Name	Description
1 Help	Displays Bluetooth® Help screen
2 Add New	Pair a new Bluetooth® device
3 Connect/ Disconnect	Connect or disconnect a Bluetooth® device
4 Delete	Delete a paired Bluetooth® device
5 Delete All	Delete all paired Bluetooth® devices
6 Auto Connection	Set Bluetooth® phone Auto Connection upon starting car ignition

Information

• If music is not yet playing from your mobile device after converting to streaming audio (Bluetooth® Audio) mode, pressing the |▶| button once may begin mode play. Check to see whether music is playing from the Bluetooth® device after converting to streaming audio mode. The Streaming audio feature may not be supported in some mobile phones.
For more information on mobile phone compatibility, visit the Hyundai Motor website (http://www.hyundaiusa.com).

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My Music Mode

Basic Mode Screen

	Name	Description
1	Mode	Displays currently operating mode
2	File Index	Shows the current file/total files within the iPod
3	Repeat/Shuffle / Scan	From Repeat Once/Shuffle Category/Shuffle Random, displays the currently operating function
4	Play Time	Displays the current play time/total play time
5	File	Displays the name of the current file
6	Menu	Displays Repeat, Shuffle, Scan and Info On (Info Off) menus
7	Repeat	Repeats the current file
8	Shuffle	Plays files in random order
9	Scan	Scans the beginning parts of files (approx. 10 seconds per file)
10	Info Off (Info on)	Changes the display method between Info Off/Info On • Info Off: shows file name • Info On: shows file name, title, artist, and album info
11	Previous File	When the play time is under 2 seconds: Moves to the previous file • When the play time is over 2 seconds: Plays the current file from the beginning
12		
13		
14	Play/Pause	Plays/pauses the current file
15	Next File	Moves to the next file
	List	Moves to the list screen
16	Title Info	Displays the song title (Not displayed when information is not available)
17	Artist Info	Displays the artist information(Not displayed when information is not available)
	Album Info	splays the album information(Not displayed when information is not available)

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Starting Mode

Press the [MEDIA] Key ▶ Press |My Music|

Playing My Music

• Press the |▶| button to play the file.
• Press the |II| button to pause the file.

Selecting My Music

While Playing ▶Press the |<|,|>| buttons or the [∨SEEK TRACK∧] key to play the previous/next file

• Pressing and holding the [∨SEEK TRACK∧] keys (over 0.8 seconds) will rewind or fast-forward the current file.
• While the [∨SEEK TRACK∧] key is being pressed, the track will rewind or fast-forward at high speeds. Once the key is released, the USB Music will begin playing at normal speed.

Information

• The |<|, |>| buttons displayed on the screen allow you to select the previous/next file.
• These buttons will not rewind or fast-forward the file.

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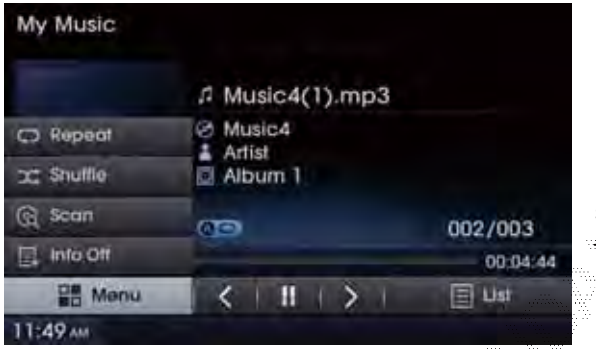
My Music Mode

Using the Menu Buttons

Press the |■Menu| button to set the Repeat, Shuffle, Scan, Info On (Info Off) menus.



Repeat

Press the |■Menu| button ▶ Press |■Repeat|

The currently playing file is repeated.

Information

Press the |■Repeat| button again to turn off repeat. If nothing is selected, then all files will be played in sequential order.

Shuffle

Press the |■Menu| button ▶ Press |■Shuffle|

When turned on, files are played in random order.

Information

Press the |■Shuffle| button again to turn the shuffle option off.

Scan

Press the |■Menu| button ▶ Press |■Shuffle|

The beginning (approx 10 seconds) of all files are scanned.

Information

• Press the |■Scan| button again to turn the scan option off.

Info On/ Info Off

Press the |■Menu| button ▶ Press |■Info On|

The screen display can be set differently depending on user selection.
The title, artist, and album info are additionally displayed and the button is changed to|■Info Off|
Press |■Info Off| to restore the previous information display setting.
.

Information

The title, artist and album info are displayed only when such information is recorded within the MP3 file ID3 tag.

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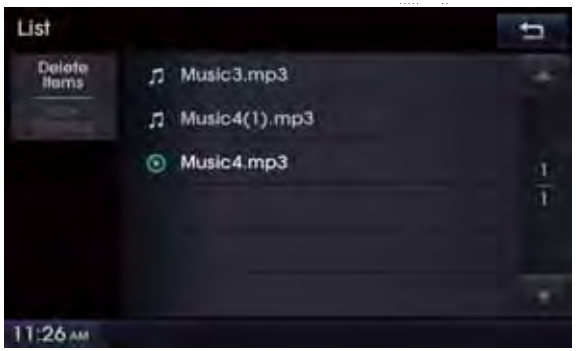
Using Menus within List Screen

Moving between Lists

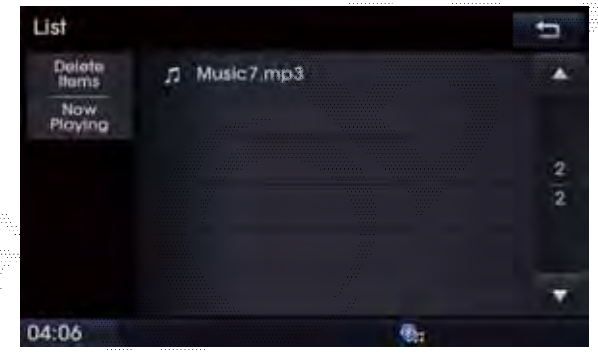
Press the |■List| button ▶ Press | ▲ |, |▼| buttons

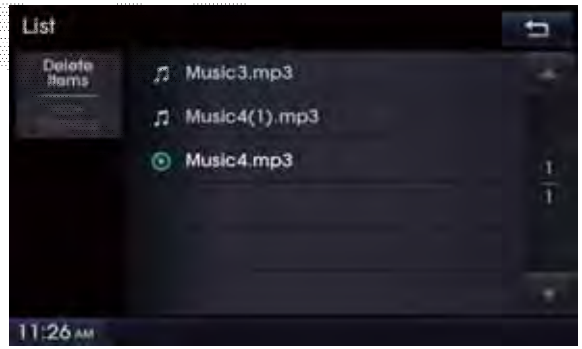


If six (6) or more files or folders exist the same folder, in the list will be displayed across two or more pages.
Press the |▲|, |▼| cursor buttons to quickly find the desired page.

Returning to current location

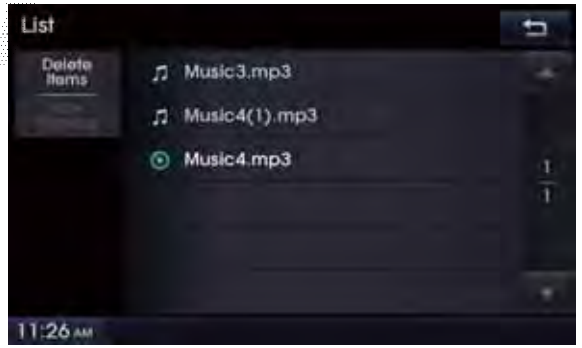
While searching files within other folders, press the |Now Playing| button to return to the currently playing file screen.

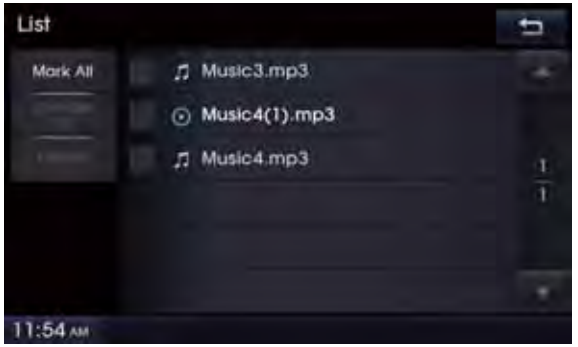




Deleting Files

Press the |■List| button ▶ Select the files to delete ▶ Press |■Delete Items|





Information

- The audio system will not operate while files are being deleted.
- If the currently playing file is deleted, the next file will begin playing.

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Memo

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3 Navigation

- Before Use
- Starting Navigation
- Using the Navigation
- Map Landmarks and Logos

Hyundai NOBIS

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Before Use

Precautions for safe driving

Please observe and comply with local traffic rules and regulations.

- Some features cannot be operated while driving for your safety. Features that cannot be operated will be disabled.
- The route displayed for destination guidance is a reference that will take you to the vicinity of your destination. This does not always refer to the shortest distance route, route with the least traffic or the fastest route.
- Road, name, and POI information may not always been completely updated. Some places may not include up to date information.
- The car position mark does not always indicate your exact location. This system uses GPS information, various sensors, and road map data to display the current position. However, errors in displaying your location may occur if the satellite is transmitting inaccurate signals or two or less satellite signals can be received. Errors that occur in such conditions cannot be corrected.
- The position of the vehicle within the navigation may differ from your actual location depending on various reasons, including the satellite transmission state, vehicle state (driving location and conditions), etc. Additionally, the car position mark may differ from the actual position if the map data is different from the actual road landscape, such as changes due to the construction of new roads. If such differences occur, driving for a short period of time will automatically correct the position of the vehicle through map matching or GPS information (several minutes may be necessary in certain cases).

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Operating the Navigation

- The navigation can be operated via touch. Touch the corresponding button on the screen to operate.
- If the button does not respond, take your finger off the screen and try again.
- When a button function is operating, the color of the selected button will be displayed differently.
- To return to the previous screen, press the |■이전| button
- Press the |■이전| button to cancel functions that can operate on the current screen.
  (Some functions may not be canceled.)

Information

• Buttons that cannot be operated will be disabled.

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Before Use

About the Map

Some roads, site names and facility information may have changed after map data update and may differ with actual road conditions.

About Map Scale

• If |100m| is displayed on the left side of the map, this represents a map scale of 1/10,000.

• For more information on Changing Map Scale, refer to the ‘Changing Map Scale’ section.

Actual Distance		
Level	mi/ft	km / m
1	150ft	50m
2	300ft	100 m
3	700 ft	200 m
4	0.25 mi	400 m
5	0.5 mi	800 m
6	1 mi	1.6 km
7	2 mi	3.2 km
8	4 mi	6.4 km
9	8 mi	12 km
10	16 mi	25 km
11	32 mi	50km
12	64 mi	100 km
13	130 mi	200 km
14	250 mi	400 km

About Map Icons

Icons displayed on the map may differ from actual conditions. Multiple icons may also be displayed as one mark.

About Map Database

Unlicensed map copying in any form, in full or in part, is strictly prohibited.

About Map Updates

• Map updates can be downloaded from the designated website (http://www.hyundaiusa.com) and updated through the SD card.
• For more information, refer to the ‘System Update’ section in Setup.

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About Voice Recognition

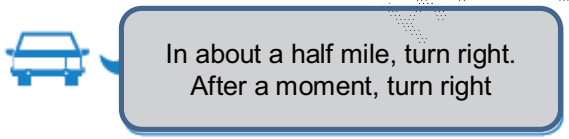
During destination guidance, voice guidance will be provided when reaching an intersection or you are nearby the destination.
음성안내에 대한 사항은 음성인식을 참조 하시기 바랍니다.

Voice Guidance

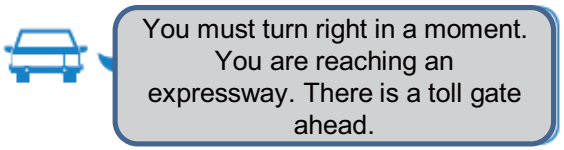
Voice guidance is provided in the following instances.

Example of voice guidance during destination guidance

In front of an intersection:



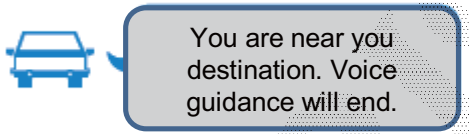
Upon entering a toll road



※Please use voice guidance only as a reference to assist in your driving.

Example of voice guidance when arriving at the destination

In front of the destination :



Information

- The above voice guidance examples are normal cases. However, the actual voice guidance may differ depending on the road type.
- If the car position is not accurately measured, then voice guidance may not be given, or may be given later or improperly.
- It is possible to adjust the Navigation guidance volume.

Guidance when using other modes

- Voice guidance will continue even when converting from the navigation screen to a different mode screen.

Information

Even when voice guidance has been muted, destination guidance will continued to be provided.

About GPS

GPS (Global Position System) :
GPS is a system developed and operated by the United States which determines the current location of the user (Longitude/ Latitude, Coordinates, etc.) by generally using 4 or more satellites. This system is used with related GPS information, various sensors, road map data, and other related information for the purposes of navigation. For more information on GPS, refer to Part 5 ‘GPS Information’.

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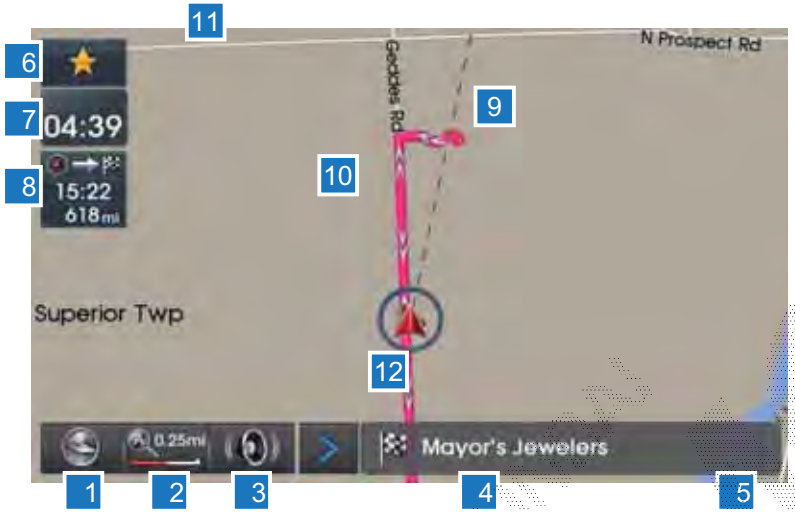
Starting Navigation

Map Screen



Name	Description
1 Car Direction	Used to set split map and shows map display mode and GPS status
2 Map Scale	Shows current map scale
3 Function/ Info Window	Shows map function buttons or current position info
4 Current Position Info Window	Shows current road name and destination name in 5 second intervals
5 Route Guidance Mode Conversion	Switches route guidance mode between preliminary guidance mode, motorway mode and TBT mode
6 Quick Menu	Allows users to easily and quickly access desired menus
7 Current Time	Shows the time
8 ETA/Remaining Time	Shows the ETA (Estimated time of arrival), remaining time and distance from current position to the destination
9 Preliminary Guidance	Provides distance, direction guidance at turn points and directions within the set route
10 Destination Direction	Shows the direction to the destination from the current position through the dotted line
11 Lane Info	Shows recommended lanes for use by considering upcoming intersections and expected routes
12 Car Position Mark	Displays current car position

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Initial Screen

Press the |Agree| button to display the most recently used mode.
If Audio mode is used with the navigation turned on, navigation guidance will be provided in the background. If you turn the ignition on, then the most recently played mode will restart.

Information

• Once the vehicle ignition is turned on, the User Warning screen will always be displayed. Make sure to carefully read the warning page as it contains important information related to system operations while driving.

Current Position

Press the [MAP] key or the |⛢| button displayed at the upper right side in some map conditions to display the map of the current position and the neighboring area.

Information

• When riding in a new car or after replacing the battery terminal, the car position mark may at first appear at a different location.
• Even if the car position mark on the map is different, map matching and GPS coordinates are utilized to automatically update the current position. It may take up to several minutes to find your current position.

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Starting Navigation

Map Display Settings

Press the [MAP] key ▶ Press the |■나침반|

This button is used to set map screen related options, such as Split screen, Heading-Up/North Up, and Left/Right screen display.

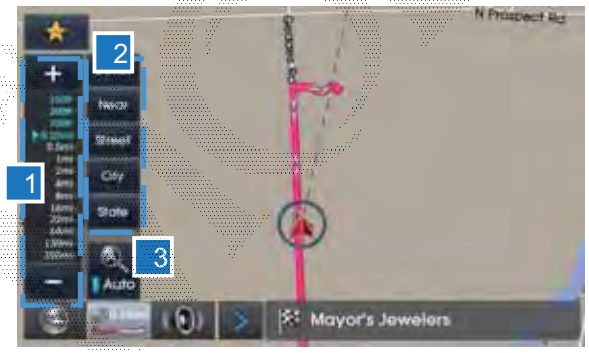
Name	Description
1 Split Screen / Single Screen	Select between Split Screen or Single Screen Map.
2 Heading-Up/ North-Up	Display Map in Vehicle Traveling Direction (Heading-Up) or North-Up direction

Information

• The Heading-Up/North-Up, 2D/3D, and map scale adjustments can be used when using Split Screen map.

Changing Map Scale

Press the [MAP] key ▶ Press the |0.25mi| ▶ Set the desired map scale



Press the |0.25mi| button to display the map scale menu and change the map to the desired scale.

Name	Description
1 Adjust Map Scale	Use the|+| / |-| buttons to display the scale bar
2 Administrative District Scale	Shows map scales in categories of detail (300ft), Near (0.25mi), Street (1mi), City (4mi), State (16mi)
3 Auto Scale	When |■Auto| is enabled, automatically adjust map scale according to driving situation

Information

The |+| will be disabled when set to max scale (1/250mi) and the |–| button will be disabled when set to min scale (1/150ft).

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Map Menu

Press the |>| button ▶ Press the |Menu| button

Features frequently used within the map screen, such as |Set as Destination|, |Add Waypoint|, |View Destination|, |Cancel Route|, |Call| are displayed.

Information

• If the screen is scrolled, then the top menu is changed to the |Set As Destination| button.

Adjusting Navigation Volume

Press the |>| button ▶ Press the |■음량| ▶ Adjust volume

Press the |>| button and then the |■음량| button. The volume menu is displayed and allows you to adjust the navigation voice guidance volume.

The volume can be adjusted from 0~45 through the |+|/|-| button. Press the |Mute| button to turn off the sound.

POI Display

Press the |>| button ▶ Press the |POI|

When POI menus are displayed, pressing one of the 6 POI icon buttons will display the corresponding POI icons.

Name		Description
1	POI Icon	Shows/hides corresponding POIs
2	Unmark All	Unmarks selected POI Icons
3	Edit POI Icon	Edit the 6 POI icons shown within the menu
4	Search by local POI	Searches selected POI

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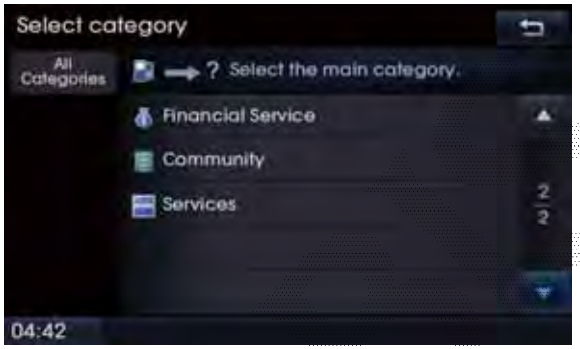
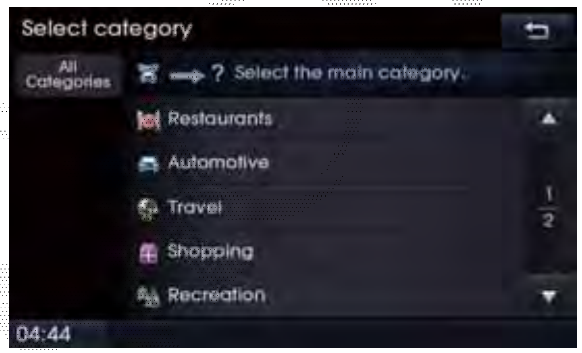
Starting Navigation

Editing POI Icons

Press the |Edit POI Icon| button ▶ Press the |POI| ▶ Press |Done|

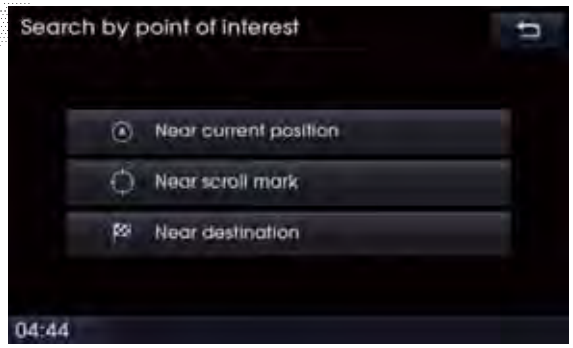




Press the |Edit POI Icon| button to select the desired facility from the various facility types. Up to six favorite facilities can be set.
Press the |Default| button to reset the displayed POI icons.
Initially, Gas Station, Parking, Fast Food, Hospital, Auto Service, and Bank are set as default.

Searching POIs

Press the Search by local |POI button| ▶ Press the search criteria (Near current position, Near scroll mark, Near destination)



The POI mark is displayed according to the selected criteria.

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Name	Description
1 Near Current Position	Within the ‘Search by POI’ menu, searches facilities based on the current vehicle position
2 Near Scroll Mark	Within the ‘Search by POI’ menu, searches facilities based on the current scrolled position
3 Near Destination	Within the ‘Search by POI’ menu, searches facilities based on the location of the destination

Information

• When searching POIs, you can only search POIs within selected categories.
• The |Near scroll mark| menu is enabled only when the map has been scrolled.

Adding a My Place

Press the |■지점등록| button ▶ Press the desired group

This feature is used to save the current position or the scrolled position as a My Place or Speed Alert.

Information

• My Places are saved without distinction for the driving or scrolled state.
• The Speed Alert button is displayed when a point is saved with the speed limit of the road while driving on the road.

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Using the Navigation

Destination Search

Press the [DEST] key to display the Destination Search menu screen.

The Destination Search screen includes various search menus as well as shortcuts to Favorites that provide maximum convenience in searching for destinations.

Name	Description
1 POI (Point of Interest)	Used to search for neighboring POIs near current position/near scroll position/near destination/near city center
2 Previous Destination	Used for route guidance to recently set destinations
3 Previous Searches	Used for route guidance to recently searched Locations
4 Previous Start Point	Used for route guidance to recent start positions
5 Address	Used to search destinations by selecting specific states/cities/roads
6 My Place	Display list of saved My Places
7 Intersection Search	Used to search destinations by selecting streets/intersections
8 Map	Moves to the map screen
9 Emergency	Used to make emergency related searches
10 Coordinates	Used to search destinations by entering the Coordinates
11 Phone Number	Used to search destinations by entering POI phone numbers
12 Exit/Entrance	Used to search destinations by searching for expressway exits/entrances

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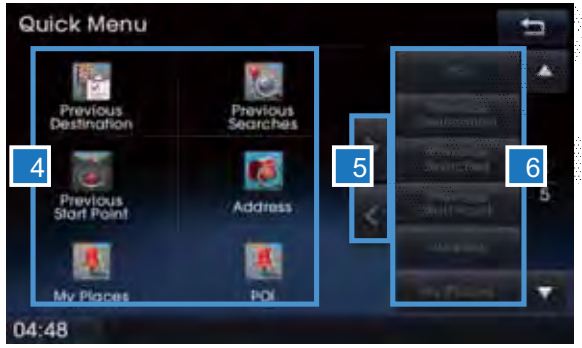
Quick Menu

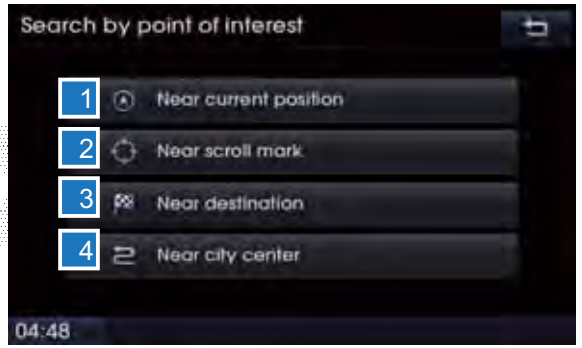


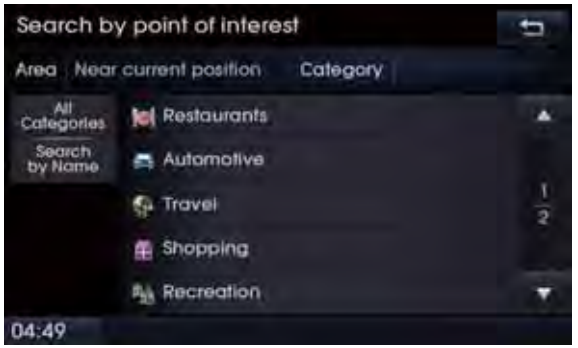
Press the |★| button on the left side of the map screen to display the Quick Menu.

Name	Description
1 Quick Menu (★)	Display/hide Quick Menus
2 Quick Menu Bar	Menus added to the Quick Menu (possible to set up to 6 menus)
3 Edit	Add/Delete Quick Menus
4 Current Quick Menus	Shows list of current Quick Menus
5 Add/Remove	Add or remove Quick Menus
6 Quick Menu Categories	List of categories that can be added to Quick Menus

Point of Interest (POI) Search

Press the [DEST] key ▶ Press |POI|





POI Search is a feature that allows you to search for POIs that are near your current position, near a scroll mark, near the destination, or near the city center. Categories are sub-categorized and the selected area and category are displayed at the top of the screen for user convenience.

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Name		Description
1	Near Current Position	Searches POIs based on the current vehicle position
2	Near Scroll Mark	Searches POIs based on the current map scroll position
3	Near Destination	Searches POIs nearby the set destination (feature is disabled when a destination has not been set)
4	Near City Center	Searches POIs nearby a selected area

Information

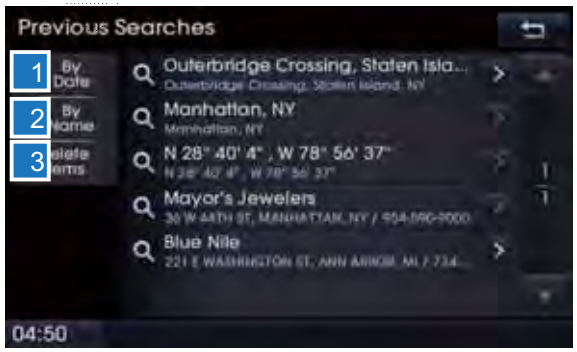
• The searched location may not be the exact location of a specific destination, but display a representative position of a POI address.

CATEGORY / ZAGAT Restaurant Guide 설정의 기능 연동 및 설명 추가 필요

Previous Destination, Previous Searches, Previous Start Point

Press the [DEST] Key ▶ Press |Previous Destination|

Press the [DEST] Key ▶ Press |Previous Searches|



Press the [DEST] Key ▶ Press |Previous Start Point|

These search features allow you to search previous routes, previous searches and start points.

Name		Description
1	By Date	Sorts POIs and locations by added date
2	By Name	Sorts POIs and locations by name
3	Delete Items	From various entries, items can be selected and deleted all at once.

Information

• If the POI or region name is too long and cannot be displayed within one screen, pressing the |>| button will move the name to the left to display the full name.

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Using the Navigation

Address

Press the [DEST] key ▶ Press |Address|

This search feature is used to search destinations by addresses through state city/street.

My Places

This search feature is used to search destinations by selecting previously saved My Places to set as destinations. My Places can be placed in groups, and group names can be edited within Setup.

	Name	Description
1	By Name	Sort POIs and locations by name
2	By Symbol	Sort POIs and locations by symbol
3	By Date	Sort POIs and locations by date

Information

- If the POI or region name is too long and cannot be displayed within one screen, pressing the |>| button will move the name to the left.
- It is possible to save up to 100 My Places per Group.

Intersection Search

거리선택/ 도시선택/ 주 선택
설정의 기능 연동 및 설명 추가 필요

This search feature is used to search destinations by streets and intersections through state/city/state.

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Map

The map screen can be scrolled to display other positions where you can set destinations.

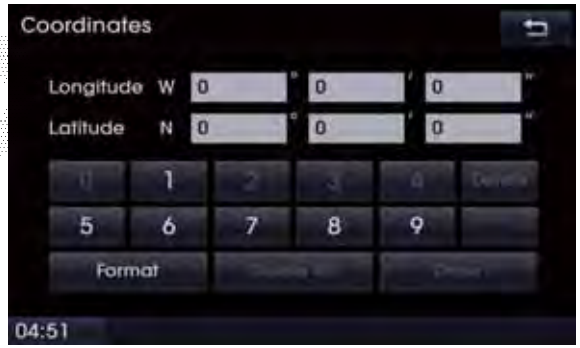
Name		Description
1	Set as Destination	Sets the POI or region where the cursor is positioned as the new destination
2	Add Waypoint	Sets the POI or region where the cursor is positioned as a waypoint
3	View Destination	Displays information for the set destination
4	Cancel Route	Cancels the currently set route
5	Call	Calls the selected POI facility
6	Details	Displays details for the selected POI facility

Emergency

This feature is used to search for police stations, hospitals, and dealerships in emergency situations.

Name	Description
1 Police Station	Displays list of Police Stations closest from the current position
2 Hospital	Displays list of Hospitals closest from the current position
3 Dealership	Displays list of Hyundai Motor Dealerships closest from the current position

Coordinates



This feature is used to search destinations by entering coordinates. Two coordinate entry formats are supported. Select the desired format upon starting search.

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Phone Number Search

This search feature is used to search the locations of POIs by entering the phone number of the desired POI destination.
• Area codes must be entered to complete the search.

Information

The phone number and location may differ for some POIs. In addition, the following types of facilities may be more frequently located in other locations.
• Locations of department stores, museums, and amusement parks may somewhat differ from the set destination. Check the exact address when trying to reach such destinations.
• Within general information newspapers, there are cases when phone numbers of concert halls actually list the numbers of management companies. In such cases, destination searches will be made to the management companies.
• The telephone number and addresses may change at any time.

Setting a Destination

[Press the [DEST Key] ▶ Search for the Destination ▶ Press |Set as Destination|

(Alternative Route)

(Route Overview)

• Conducting a destination search through the desired search method, select the desired destination from the list. (For more information on destination search methods, refer to the 'Destination Search' section.)
• After verifying the location of the searched destination, press the |Set as Destination| button to calculate the route. The Route Overview or Alternative Route screen will be the displayed.

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Using the Navigation

• Press the |Add Waypoint| button to add a waypoint destination.
• Within the Route Overview or Alternative Route screen, press the MAP key or the Start Guidance button to start route guidance.

Information

• If you press the Set as Destination button while a previous destination has already been set, the pop-up 'Do you want to change the destination?' will be displayed.
• If you press Yes, then the previous destination is deleted and the new destination will be set. Pressing the Add Waypoint button will add a waypoint destination.

One Touch Scroll Setting

The destination can be set to the current map display.
• While in the map screen, touching a position on the map will move the map to the center of the selected position and display the scroll mark.
• Press the |Menu| button to set the selected position as a waypoint or destination.

Route Calculation

• Once you have set a destination, calculate the route. The route overview and route option menus will be displayed
• After checking the Route Overview, press the [MAP] key or the |Start Guidance| button or just drive for over 5km/h or approximately 5 seconds to begin guidance.

Information

• To learn more about 'Alternative Route', 'Route Overview' or 'Detailed Route Settings', refer to the 'Route Menu' section.

Demo

After a route has been calculated, press the |Demo| button to begin simulated driving of the calculated route.

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• Within the Route Overview screen, press the |Demo| button.
• During Demo, press the [MAP] key to end the demo and display the current map position. If you start driving while viewing the route demo, demo will end and route guidance will start

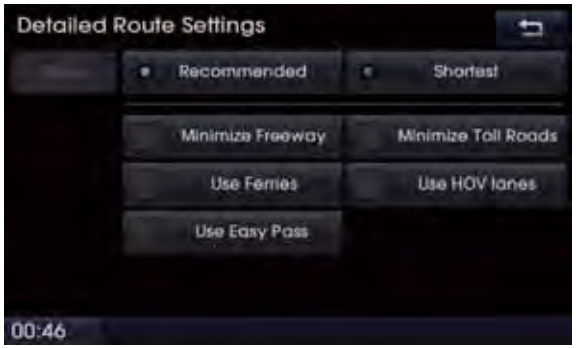
Information

• Demo will not operate after starting route guidance. To use the Demo feature, use after route calculation but prior to starting route guidance.
• 가상주행 중 맵메뉴는 “고속/일반/자동”의 항목을 표시하며, 가상주행의 속도 조정이 가능합니다.

Add Waypoint

After searching for waypoints, press the |Add Waypoint| button to add the waypoint to the current route.

Route Recalculation



Once a route has been set, the |Recalculate| button is displayed at the top of the menus.
Pressing the |Recalculate| button will display a pop-up that allows you to change route options. Once the settings are changed, the route is recalculated by reflecting the changes.

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Using the Navigation

Information

For more information on Fastest, Shortest, and other route calculation options, refer to the route calculation section.

Cancel Route

In the Map menu screen, press the |Cancel Route| button.

Information

You can cancel the route by pressing the |Cancel Route| button that is displayed after pressing the |Menu| button.

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Route Guidance

Preliminary guidance, motorway mode, turn list guidance and other guidance screens are displayed according to the current road condition.
Within the guidance map screen, if the current position is on route, then intersection guidance will be provided once you are nearby an intersection.
Also, the intersection zoom screen is displayed when nearby an intersection.

Information

• Within all guidance mode screens, pressing the button at the bottom right side of the screen will change the route guidance mode..
• Each time the button is pressed, the guidance mode will change in order of preliminary guidance → turn list → motorway guidance mode. (The icon within the button indicates the mode that will be displayed upon next press.)
• Motorway and intersection zoom guidance are displayed on during guidance at corresponding roads.

Preliminary Guidance Mode

At the top right side of the screen, the next/ after next turn info, remaining distance, direction and other information are displayed.

Intersection Zoom Mode

This mode provides detailed guidance nearby intersections before the next turn. This mode is displayed starting from 300m before the intersection.

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Using the Navigation

Motorway Mode

Upon entering a motorway during route guidance, the motorway mode will automatically be displayed. This mode is displayed when driving on a motorway and mainly displays motorway related POIs.

You can check information for various POIs by using the |View All|, |Summary| and |Rest Area| buttons.

Name	Description
1 View All	Guidance for all POIs on the Motorway
2 Summary	Shows List of turn points and other directional route guidance while driving within motor ways
3 Rest Area	Guidance for only the rest areas on the motorway

• When scrolling through POIs by using the |▲|, |▼| buttons, pressing the button will select the POI closest to the current position.

Information

• When there are more than four POI marks that can be listed, some POIs may be omitted and not displayed.

Turn List Mode

Turn list mode shows turn information on the current route.

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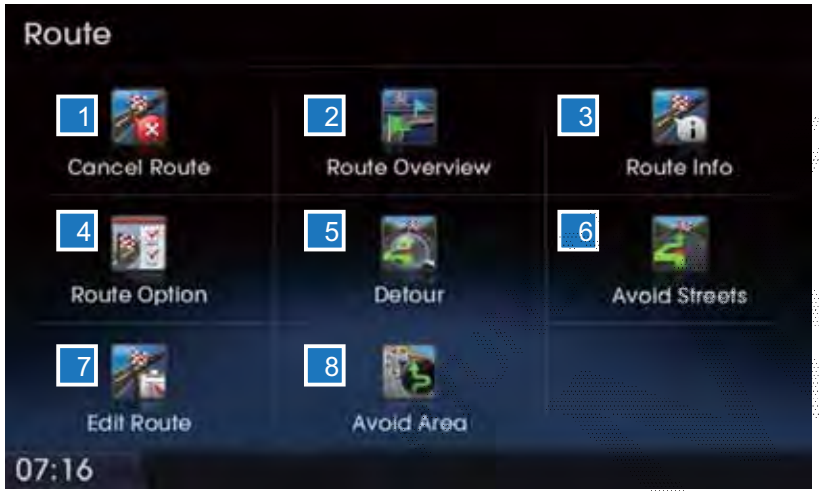
Route Menu

Pres the |ROUTE| key to use, edit, or optimize various route options.



Name	Description
1 Cancel Route	Cancels the currently set route
2 Route Overview	Shows the route overview to the set destination
3 Route Info	Shows detailed info for the current route
4 Route Option	Route calculation features with various route calculation options and settings
5 Detour	Used to select and edit detour road/streets
6 Avoid Streets	Used to edit the route by selecting avoid streets
7 Edit Route	Used to add /delete/change the order of destinations/waypoints
8 Avoid Area	Used to edit route by adding Avoid Areas/Editing Avoid Areas and Deleting Avoid Areas

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Using the Navigation

Cancel Route

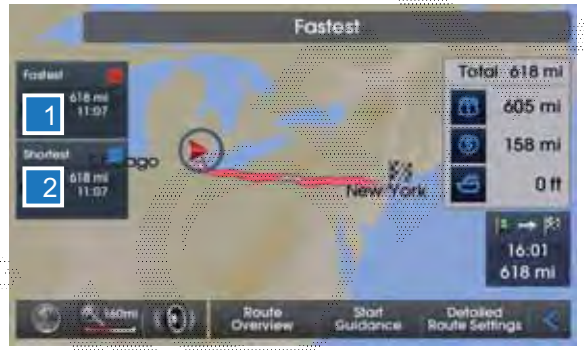
Press the [ROUTE] key and then press the |■ Cancel Route| button to cancel the currently set route.

Route Overview

Press the [ROUTE] key ▶ Press |■ Route Overview|

Name	Description
1 Start Guidance	Starts guidance to the set Route/Displays the current vehicle position
2 Edit Route	Used to add/ delete/ change order of destinations/ waypoints
3 Route Info	Shows route info to the set destination
4 Alternative Route	Displays various alternative route options for route calculation
5 Demo	Starts demo to the set destination

Within the Route Overview screen, press the Alternative Route button to display other potential routes to the set destination. From the alternative route options, select the desired route.



Name	Description
1 Recommended	Fastest route that reflects distance and traffic conditions
2 Shortest	The shortest distance from start point to destination

Information

• Even if the “Use Alternative Route Search” option is turned on, the Route Overview screen (not the Alternative Route screen) when calculating routes that include waypoints.

Route Info

Press the [ROUTE] Key ▶ Press |Route Info|

The turn points and distance information by key roads within the set route are is played. Press the [MAP] button next to each road name to display the map position for the corresponding location.

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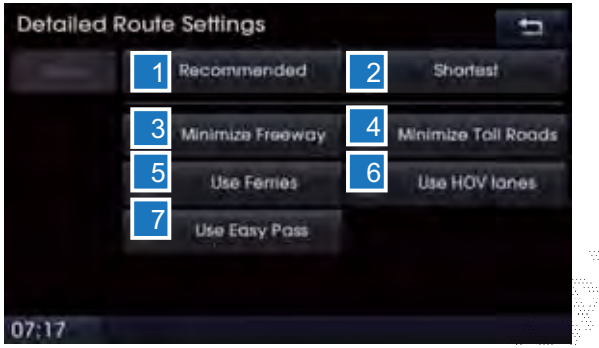
Route Option

Press the [ROUTE] Key ▶ Press |■Route Option| ▶ Set and press |Done|



Route Options refer to conditions used to calculate the route to the destination. The route is automatically recalculated if the route options and detailed route settings are changed.

Name	Description
1 Recommended	Optimal route as determined by the system upon consideration of various route conditions
2 Shortest	The shortest distance from start point to the destination
3 Minimise Motorway	Route calculation with minimal use of motorways
4 Minimise Toll Roads	Route calculation with minimal use of toll roads
5 Use Ferries	Route calculation by including use of ferries
6 Use HOV Lanes	Route calculation by including use of HOV lanes
7 Use Easy Pass	Route calculation by including use of Easy Pass

Detour

Press the [ROUTE] Key ▶ Press |■Detour|

The Detour menu is used to re-define the route by setting a detour to a certain distance from the current position.

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Using the Navigation

Avoid Streets

Press the [ROUTE] Key ▶ Press |■Avoid Streets| ▶ Select the streets you want to avoid and press |Done|

This feature is used to select specific streets to avoid within the current route.

Edit Route

Press the [ROUTE] Key ▶ Press |■Edit Route| ▶Set and press |Done|

The Edit Route menu displays the start point, waypoints and the destination in list format and is used to edit corresponding positions or the order of destinations within the route.

Avoid Area

Press the ROUTE Key ▶Press |■Avoid Area| 선택 설정 후 ▶ |Done|

This feature is used by creating a rectangle over the area to avoid.
An area set as an avoid area is excluded from the calculated route. If a route had been calculated prior to creating an avoid area, the route will automatically be recalculated.

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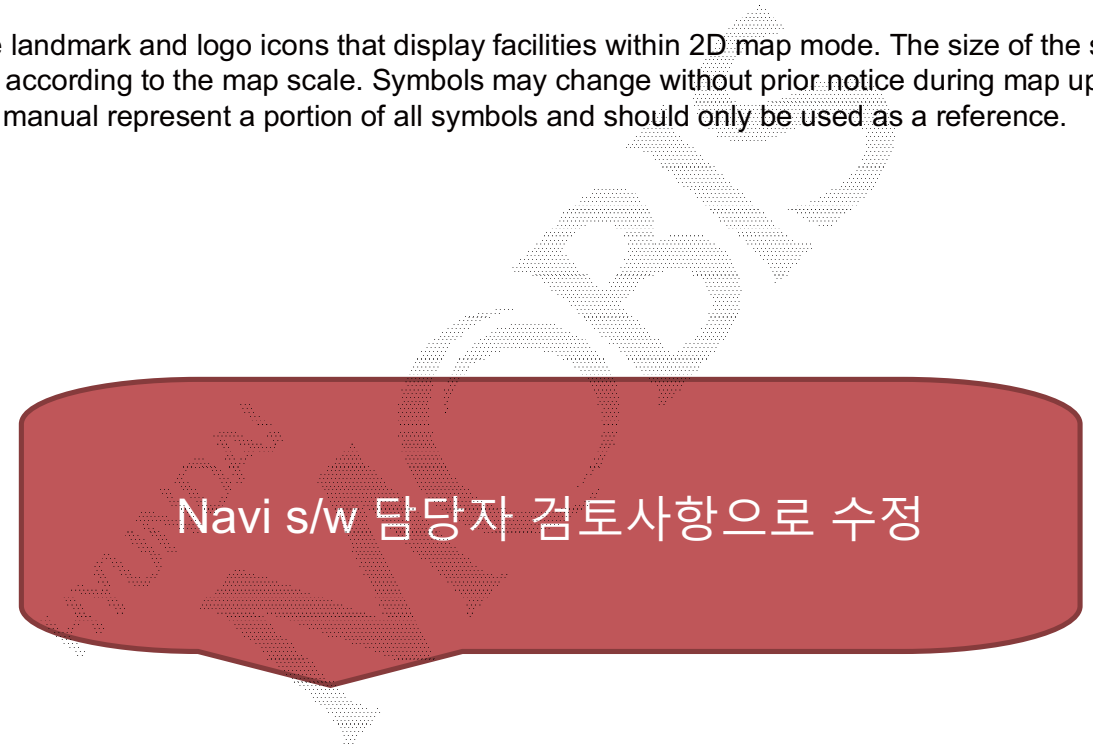
Map Landmarks and Logos

2D Landmarks

These are landmark and logo icons that display facilities within 2D map mode. The size of the symbol may be displayed differently according to the map scale. Symbols may change without prior notice during map updates. Symbols shown within the manual represent a portion of all symbols and should only be used as a reference.

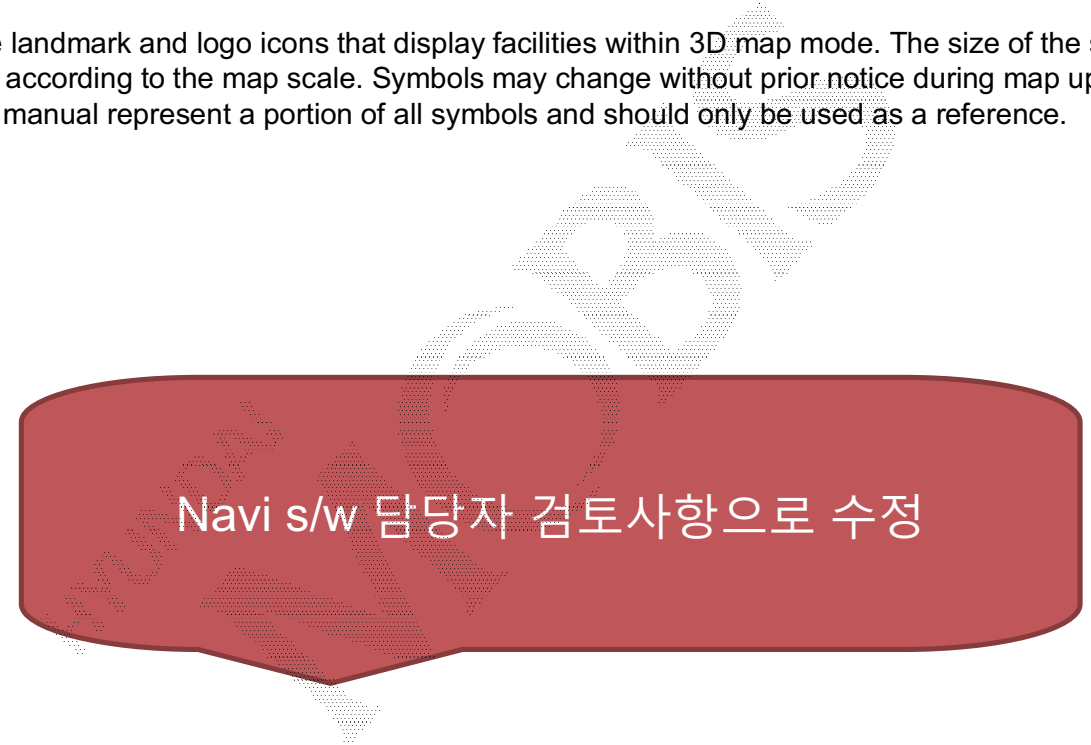


대외비문서(Confidential) / 현대모비스 멀티설계1팀 / 과장 장기한 / 10.230.25.192 / 2012-04-02 08:55 / 본 문서는 보안문서로서 외부 반출을 금합니다.

Map Landmarks and Logos

3D Landmarks

These are landmark and logo icons that display facilities within 3D map mode. The size of the symbol may be displayed differently according to the map scale. Symbols may change without prior notice during map updates. Symbols shown within the manual represent a portion of all symbols and should only be used as a reference.



대외비문서(Confidential) / 현대모비스 멀티설계1팀 / 과장 장기한 / 10.230.25.192 / 2012-04-02 08:55 / 본 문서는 보안문서로서 외부 반출을 금합니다.

4 Bluetooth® Handsfree

- Before Use
- Basic Mode Screen
- Using Bluetooth

Before using the Bluetooth® Handsfree

What is Bluetooth®?

0. Bluetooth® refers to a short-distance wireless networking technology which uses a 2.45GHz frequency to connect various devices within a certain distance.

0. Supported within PCs, external devices, Bluetooth® phones, PDAs, various electronic devices, and automotive environments, Bluetooth® allows data to be transmitted at high speeds without having to use a connector cable.

0. Bluetooth® Handsfree refers to a device which allows the user to conveniently make phone calls with Bluetooth® mobile phones through the Navigation system.

0. The Bluetooth handsfree feature may not be supported in some mobile phones.

   For more information on mobile phone compatibility, visit the Hyundai Motor website (http://www.hyundaiusa.com).

Precautions for safe driving

0 Bluetooth® Handsfree is a feature that enables drivers to practice safe driving. Connecting the head unit with a Bluetooth® phone allows the user to conveniently make calls, receive calls, and manage the phone book. Before using the Bluetooth®, carefully read the contents of this user's manual.

0 Excessive use or operations while driving may lead to negligent driving practices and be the cause of accidents. Do not operate the device excessively while driving.

0 Viewing the screen for prolonged periods of time is dangerous and may lead to accidents. When driving, view the screen only for short periods of time.

Cautions upon connecting Bluetooth® phone

0. Before connecting the head unit with the mobile phone, check to see that the mobile phone supports Bluetooth® features.

0. Even if the phone supports Bluetooth®, the phone will not be found during device searches if the phone has been set to hidden state or the Bluetooth® power is turned off. Disable the hidden state or turn on the Bluetooth® power prior to searching/connecting with the Head unit.

0. If Auto Connection is used, the Bluetooth® phone is automatically connected when the ignition is turned on, making it unnecessary to have to connect the phone with the head unit every time.

0. If you do not want automatic connection with your Bluetooth® device, turn the Bluetooth® power off.

0 To set Auto Connection, go to [Setup] ▶ |■Bluetooth| ▶ |■Auto Connection Setting|

0 The car name can be set at [Setup] ▶ |■Bluetooth| ▶ |■Advanced Settings| ▶ |■Device Information|.

0 The passkey needed to connect the mobile phone can be verified/changed at [Setup] ▶ |■Bluetooth| ▶ |■Advanced Settings| ▶ |■Change Passkey|.

0 If the Bluetooth® audio does not play, go to [Setup] ▶ |■Bluetooth| ▶ |■Streaming Audio Setting|. If the feature is set to |Off|, turn |On| and try again.

0 Park the vehicle when connecting the head unit with the mobile phone.

1 Bluetooth® connection may become intermittently disconnected in some mobile phones. Follow these steps to try again.
1. Turn the Bluetooth® function within the mobile phone off/on and try again.
2. Turn the mobile phone power Off/On and try again.
3. Completely remove the mobile phone battery, reboot, and then again.
4. Reboot the Audio Video Navigation System and try again.
5. Delete all paired devices, pair and try again.

1 The handsfree call volume and quality may differ depending on the mobile phone.

1 Pairing Bluetooth devices and use of other Bluetooth features are not supported when the vehicle is in motion. For safety, please first park your vehicle.

Basic Mode Screen

When no phones have been paired

Press the [☎] key on the steering remote controller or press the [PHONE] ▶ Press |Yes|

Information

- Press the |Help| button within the pop-up to view the help section with information related to pairing and connecting Bluetooth® devices, and using Handsfree related features.
- The same Help section can be viewed by going to |■Info| ▶ |■Help| ▶ |■Bluetooth|.

Pairing from the Bluetooth® Device

Press the |Add New Device| button ▶ Select car name ▶ Enter passkey

From the Bluetooth® device, search for the car name and pair the device.
When searching from the Bluetooth® device, the car name is Santa Fe and the default passkey is '0000'.

Information

- To learn more about searching from Bluetooth® devices and pairing, refer to the user's manual for your Bluetooth® device.
- Bluetooth® devices cannot be paired when the vehicle is in motion. For your safety, first park the vehicle to pair a Bluetooth® device.

Basic Mode Screen

When a phone is already paired

Press the [☎] key on the steering remote controller or the [PHONE] key ▶ Press |Yes| ▶Select the device from the device list ▶Press |Connect|

• Select the device you want to connect and press the |Connect| button.
• If the phone you want to connect does not exist, press the |Add New| button to pair a new Bluetooth® device.

Name	Description
1 Help	Help section related to pairing and connecting/disconnecting Bluetooth® devices and Handsfree phone features
2 Add New	Pair a new Bluetooth® device
3 Connect / Disconnect	Connect or disconnect a Bluetooth® device
4 Delete	Delete a paired Bluetooth® Device
5 Delete All	Delete all paired Bluetooth® Devices
6 Auto Connection	Set Bluetooth® auto connection when car ignition is turned on

When pairing additional device

Press the |Add New| button to pair a new Bluetooth® device.

For more information on pairing, refer to the 'When no phones have been paired' section.

Information

• When a Bluetooth® device is connected, a new device cannot be paired.
If you want to pair a new phone, first disconnect the connected Bluetooth® device.

When there is a connected device

Press the |☎| key on the steering remote controller or the [PHONE] key on the head unit to display the following screen

Enter the phone number you wish to call and press the |■Send| button

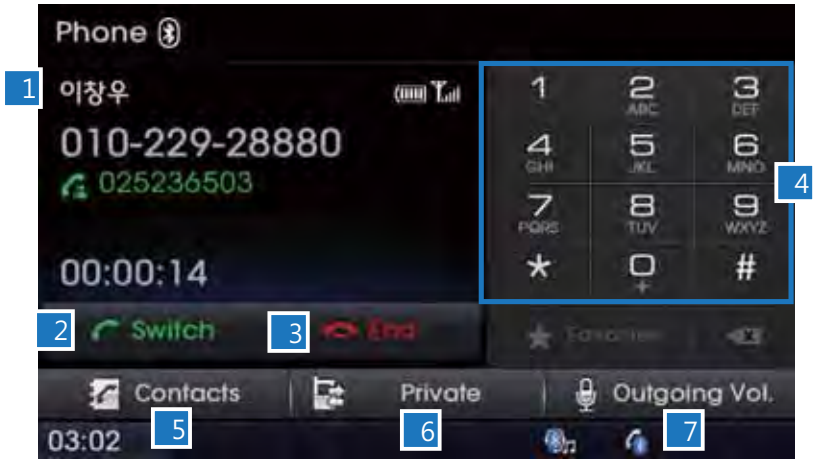
Information

- The mobile phone battery and signal strength icons may not be supported in some mobile phones.
- The remaining battery level displayed on your mobile phone battery icon may slightly differ with the device display.
- The speed dial feature may not be supported in some mobile phones.

Name		Description
1	Info Display Window	Displays name of currently connected device
2	Send	If no number has been entered, switches to call history screen If a number has been entered, calls the number
3	End	If a number has been entered, deletes the number During a call, ends the current call
4	Dial Pad	Used to enter the phone number Press the hold |0| to enter a '+' Press the hold |1| ~ |9| to connect to the speed dial saved within the mobile phone
5	Favorites	Displays the Favorites list screen
6	Delete	Deletes entered numbers one digit at a time
7	Contacts	Displays contacts list screen
8	Connections	Displays the Bluetooth® device Connections screen
9	Remaining Battery	Displays the remaining battery for the connected Bluetooth® device
10	Call Signal Strength	Displays the call signal strength

Using Bluetooth®

During a call



The name of the other party is displayed if the number is saved within your contacts. If not, only the phone number is displayed. During a call, the other party's name/number and the call time are displayed.

Information

- The telephone number may not be displayed in some mobile phones.

Name	Description
1 Info Display Window	Displays other party's name/number. If there is a call waiting, displays call waiting information
2 Switch	If there is a call waiting, switches the current call and connects the waiting call
3 End	Ends call
4 Dial Pad	Used to enter phone number
5 Contacts	Displays the Contacts screen
6 Private	During a handsfree call, this function is used to switch the call to the mobile phone Upon switching the call to Private, the vehicle mic and speaker will turn off to allow a private conversation through the mobile phone
7 Outgoing Vol.	Adjusts outgoing volume during calls Sets call volume as heard by the other party (Levels 0~5) The outgoing volume may be heard differently depending on the connected Bluetooth® device

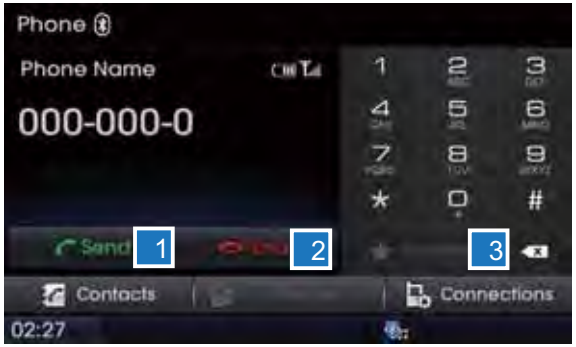
Status Bar Icons

Name	Description
■	Mutes call volume
■	Bluetooth® phone call state
■	Mobile phone contacts or call history download status
■	A state when Bluetooth® Handsfree and streaming Audio is all connected
■	State when Bluetooth® streaming Audio is connected
■	State when Bluetooth® Handsfree is connected

Making/Answering Calls

Calling by dialing a number

Enter number on the dial pad ▶ Press the |☎Send | or the [☎] key on the steering remote controller.



If you press the |☎Send | button without entering a number, the Call History screen is displayed
Press and hold the dial pad |0 +| (over 0.8 seconds) to enter a "+".

Name		Description
1	Send	Calls the entered phone number
2	End	Deletes all entered numbers
3	Favorites	Displays the Favorites list screen

Information

• Most audio and SETUP mode features will not operate during a Bluetooth® handsfree call. Only the call volume and Navigation mode screen can be operated.

Making a call from Speed Dial

Enter the 1 or 2 digit speed dial number with the Dial Pad ▶ Press and hold the last number

Information

• For speed dials saved within mobile phones, up to 2 digits are supported.
• Saving or changing speed dial numbers through the head unit is not supported.

Using Bluetooth®

Calling through Redial

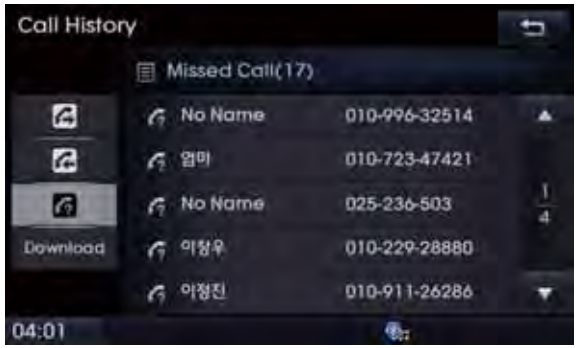
Press the hold (over 0.8 seconds) the |☎Send| button or the [☎] key on the steering remote controller

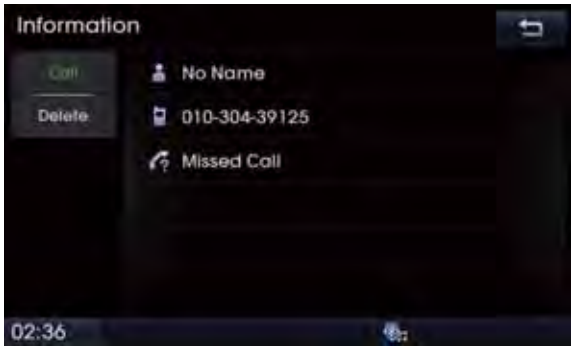
Information

• Redialing is not possible when there is no call history or the Bluetooth® phone has not been connected.

Making a call from Call history

Press the |☎Send | button or the [☎] Key on the steering remote controller ▶ Select the call list ▶ Press |Call|



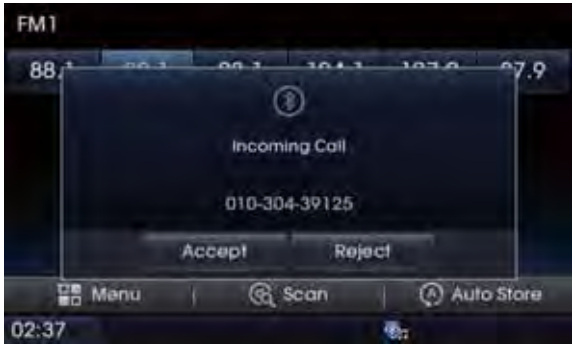


Information

• Calling through the call history is not possible when there is no call history or the Bluetooth® phone has not been connected.
• Within the call history screen, press the Download button to |download| the call history saved in your mobile phone into the vehicle.
• For more information on downloading call histories, refer to the “Call History ▶ Downloading Call History” section.

Answering a call

Incoming call notice ▶ Press the |Accept| button or the |☎| key on the steering remote controller.



When a call is received on the connected phone, the bell will sound and the phone number of the other party will be displayed on the incoming call pop-up, as shown here.

Information

• When the incoming call pop-up is displayed, most functions within audio and SETUP mode will not operate. Only the call volume and Navigation screens can be operated.
• The telephone number may not be displayed in some mobile phones.

Rejecting a call

Incoming call notice ▶ Press the |Reject| button or the |☎| key on the steering remote controller.

Information

• The reject call function may not be supported in some mobile phones.

Operating Menus during a Call

Switching Call to the Bluetooth® phone

During handsfree call ▶ Press the |■Private| button or press and hold the [☎] key (over 0.8 seconds) on the steering remote controller.

The call will be switched from the handsfree to the Bluetooth® mobile phone.

Information

- The Private function may not be supported in some mobile phones.

Switching Call to the Handsfree

During call on mobile phone ▶ Press the |■Private| button or press and hold the [☎] key (over 0.8 seconds) on the steering remote controller.

The call will be switched from the Bluetooth® mobile phone to the car handsfree.

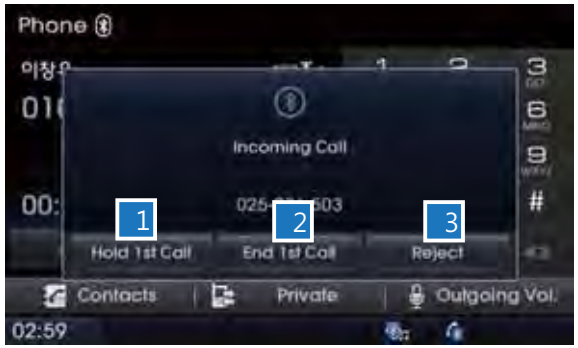
Ending a call

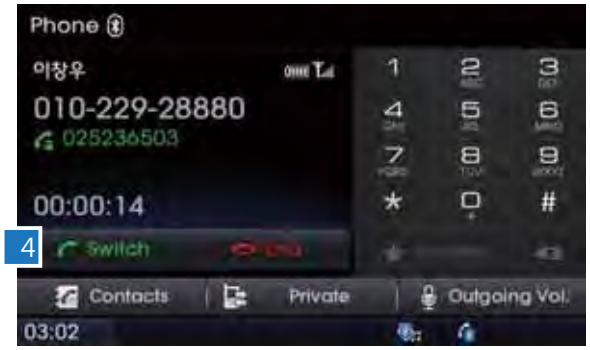
While on a call ▶Press the |☎End| button or the [☎] Key on the steering remote controller.

The Bluetooth® handsfree call will end.

Switching to Call Waiting

If another person calls while you are already on a call, the current call must be placed on hold or ended to answer the new call.





If there is waiting call, press the [☎] key on the steering remote controller (under 0.8 seconds) or press the |☎ Switch| button on the Phone screen.

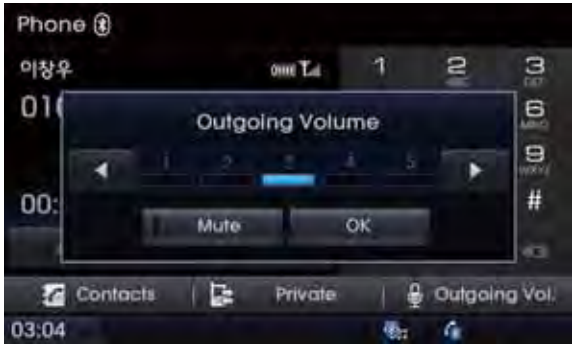
Name	Description
1 Hold 1st call	Places current call on call waiting and answer new call
2 End 1st call	Ends current call and answer new call
3 Reject	Rejects new call and maintains current call
4 Switch	If there is a call waiting, switches to the waiting call waiting call

Information

- Call waiting is a feature that allows the caller to answer a second call while already on a call. When call waiting is used, the first call is placed on waiting mode.
- The Switch to Call Waiting feature may not be supported in some mobile phones.

Setting Mic volume

While on a call ▶ Select |Outgoing Vol.| ▶ Set Outgoing Volume ▶Press |OK|



If you press the |■Mute| button, the outgoing volume is muted and blocked to the other party.

Information

• The volume heard by the other party may differ depending on the mobile phone. If call volume heard by the other party is too low or too high, first adjust the volume setting.

Adjusting the Ring/Call Volume

While on a call ▶Use the ◎ VOL knob on the head unit or the [VOL+], [VOL-] keys on the steering remote controller to adjust the ring/call volume.

Contacts

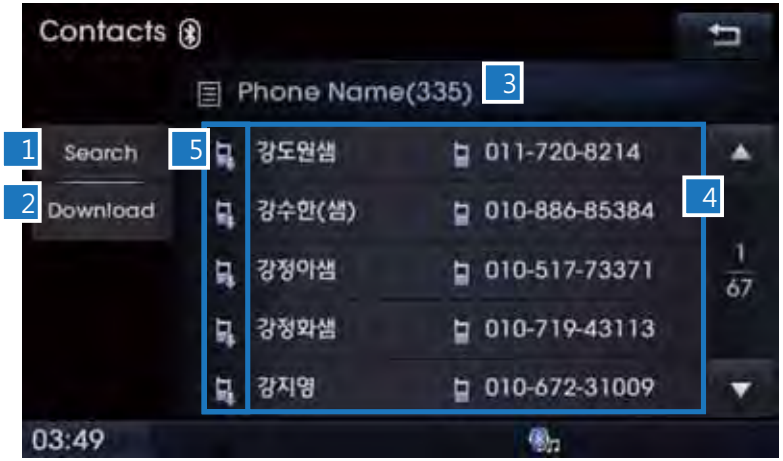
Press the [PHONE] key on the head unit or the [☎] key on the steering remote controller ▶ Press |■Contacts|

Information

• For contacts, up to 5,000 entries can be saved for each paired Bluetooth® device.
• Contacts can be viewed only when a Bluetooth device has been connected.
• If there are numerous list entries, selecting the list page area will move to the corresponding list page.
• It is possible to download contacts during a call or while operating Bluetooth® streaming audio mode.
• When downloading contacts, the |■contacts download| icon will be displayed within the status bar.
• It is not possible to download contacts when the contacts download setting has been turned off within your Bluetooth® device.
• In addition, some devices may require device authorization to download contacts.
• If downloading cannot be normally conducted, check the Bluetooth® device settings or the screen state.
• The download feature may not be supported in some mobile phones. Check to see that the Bluetooth® device supports the download feature.
• For more information on mobile phone compatibility, visit the Hyundai Motor website (http://www.hyundaiusa.com).

Using Bluetooth®

Mobile Contacts Screen Configuration



Name	Description
1 Search	Search car contacts and mobile phone contacts (Search by name or number)
2 Download	Download contacts from Bluetooth® device
3 Bluetooth® Device Name	Name of connected Bluetooth® device
4 List page	Displays total list pages and current list page (List page jump upon selecting scroll area)
5 Download source	Displays whether contacts were downloaded from the mobile phone or SIM

Information

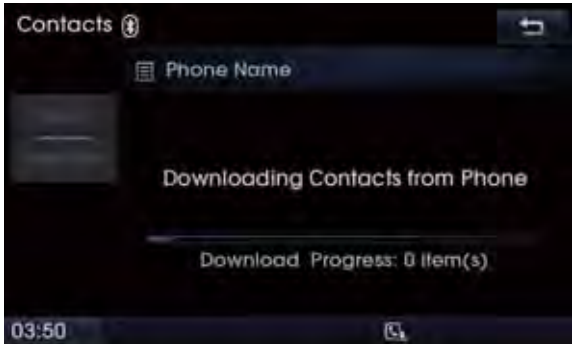
- Mobile phone contacts can be searched only when a Bluetooth® device is connected.
- Up to 5,000 contacts from your Bluetooth® phone or SIM can be downloaded into the car contacts. Contacts that have been downloaded to the car cannot be edited or deleted.
- Mobile phone contacts are managed separately for each paired Bluetooth® device (max 5 devices x 5,000 contacts each). Previously downloaded data will be stored even if the Bluetooth® device has been disconnected. (However, the contacts and call history saved to the phone will be deleted if the paired phone is deleted.)
- Downloaded contacts could be lost depending on the state of the head unit. Always make sure to back up important data.

Downloading Mobile Phone Contacts

Press the |Download| button from the Contacts screen ▶ Press |Yes|

Information

• Time required to download contacts may differ depending on your mobile phone model or data size.

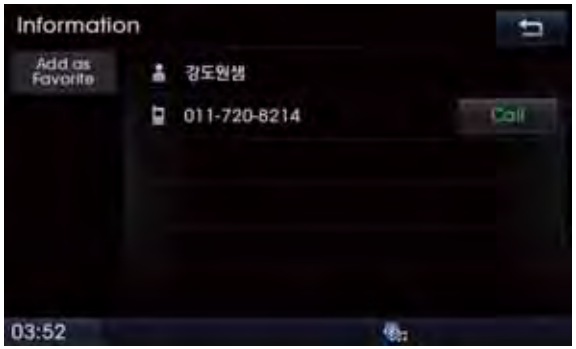


Information

• Upon downloading mobile phone contacts, the previous corresponding data is deleted.
• This feature may not be supported in some mobile phones.
• Upon downloading, contacts saved in your SIM and mobile phone are simultaneously downloaded.
• To change the contacts download settings, change the following menu setting.
[Setup] ▶ |■Bluetooth| ▶ |■ Contacts Download Setting|
• When using Contacts Sync, the contacts and call histories within your mobile phone are automatically downloaded upon connecting Bluetooth®.
If you do not wish to use this feature, turn this feature off at [Setup] ▶ |■Bluetooth| ▶ |■Contacts Sync Setting|.

Checking Mobile Contacts Details

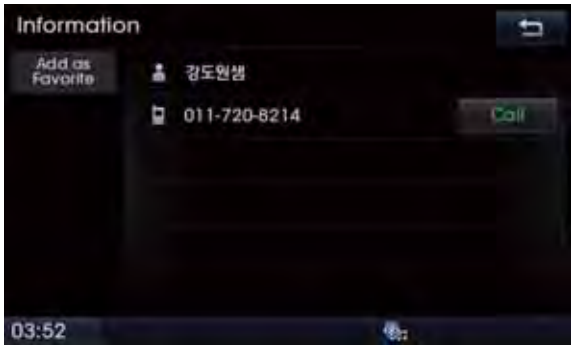
Select the desired phone number from the mobile contacts list to check details about the number.



Using Bluetooth®

Adding as a Favorite

Select number from the Contacts screen ▶ Within the details screen, press |Add as Favorite|



Saved Favorites can be viewed by pressing the |■ Favorites| button in the Phone screen.

Information

- Up to 8 Favorites can be added.
- Saved Favorites can be viewed by pressing the |■Favorites| button in the Phone screen.

Favorites

Calling Favorites

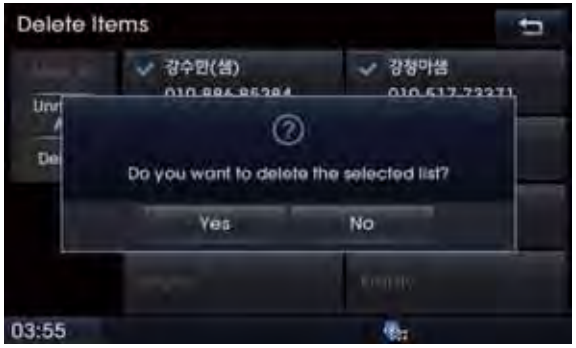
In Phone screen ▶ Press |■Favorites| ▶ Select the desired Favorite ▶ Call connected

Information

• Favorites can be added through Phone ▶ |■Contacts| ▶ Select contact ▶ |Add as Favorite|.
• Up to 8 Favorites can be added and Favorites can be used only when a Bluetooth device has been connected.

Selecting/Deleting Favorites

In Favorites screen ▶ Press |Delete Items| ▶ Select items you want to delete and press |Delete| ▶ Press |Yes|



Using Bluetooth®

Searching Contacts

In Phone screen ▶ Press |Search|

Search by Name

Press the |■Search by Name button| ▶ Enter name and press |Search|

Information

• When searching a number, it is possible to search by entering just a part of the name.

Searching by Number

Press the |■Search by Number| button ▶ Enter number and press |Search|

Information

When searching a number, it is possible to search by entering just a part of the entire number.
(ex: if you enter “1544”, all numbers that include “1544” will be searched.)

Call History

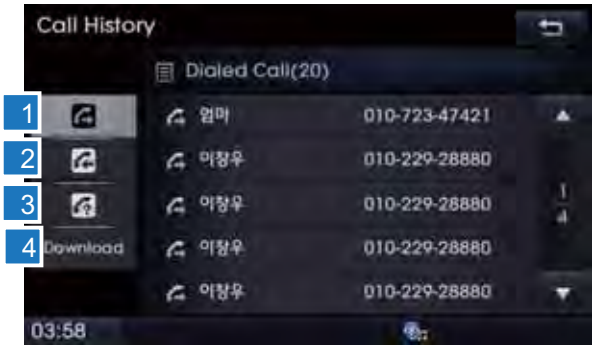
Entering Call History Screen

Within the Phone screen, press the |☎Send| button or the [☎] key on the steering remote controller.

Information

The call history may not be saved in the call history list in some mobile phones.
• Calls received with hidden caller ID will not be saved in the call history list.

Call History Screen Configuration

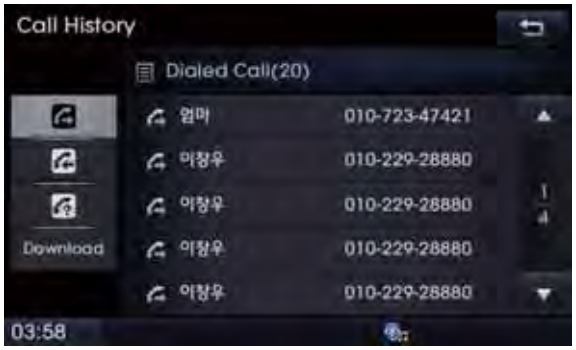


Name	Description
1 Dialed Call	Displays the outgoing call history list
2 Received Call	Displays the incoming call history list
3 Missed Call	Displays the missed call history list
4 Download	Downloads call history from mobile phone

Using Bluetooth®

Downloading Call History

Within the Call History screen, press the |Download| button.

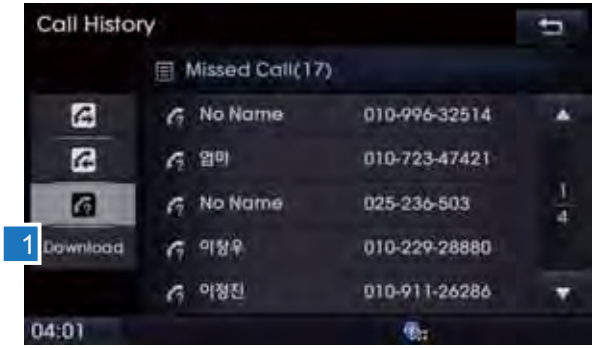


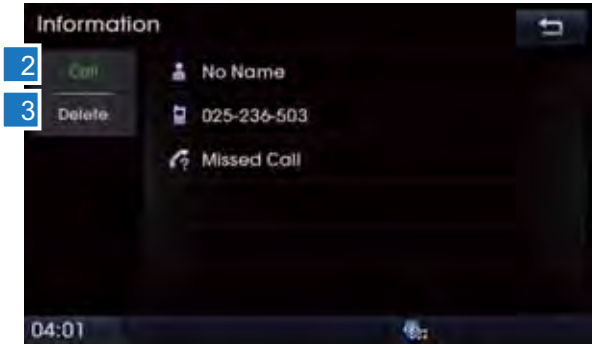
Information

- Up to 20 dialed, incoming, and missed call history lists can each be downloaded. The dialed/incoming time and call time information are not supported.
- Sorting all call histories by time is not supported.
- It is possible to download call history even during a call or during Bluetooth® streaming audio.
- When downloading call histories, the |■contact download| icon will be displayed within the status bar.
- It is not possible to commence download when the call history download feature is turned off within the Bluetooth® device. Also some devices may require device authorization upon attempting to download call history. If downloading cannot be normally conducted, check the Bluetooth® device settings or the screen state.
- The download feature may not be supported in some mobile phones. Check to see that the Bluetooth® device supports the download feature.
- For more information on mobile phone compatibility, visit the Hyundai Motor website (http://www.hyundaiusa.com).

Viewing Call History Information

Within the Call History screen, select the list.



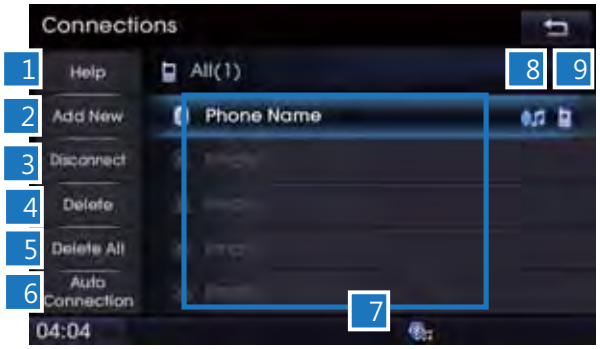


Name	Description
1 Download	Download call histories from mobile phone
2 Call	Calls the number
3 Delete	Deletes the call history

Setting Bluetooth® Connection

Press the |■Connections| button on the Phone screen.

Connections Menu



Function	Description
1 Help	Displays Bluetooth® Help screen
2 Add New	Pairs a new Bluetooth® device
3 Connect/ Disconnect	Connects/disconnects a Bluetooth® device
4 Delete	Deletes a paired Bluetooth® device
5 Delete All	Deletes all paired Bluetooth® devices
6 Auto Connection	Sets Bluetooth® device auto connection when car ignition is turned on
7 Paired device list	Shows list of paired Bluetooth® devices
8 Streaming connection state	Shows Bluetooth® Streaming connection state
9 Handsfree connection state	Shows Bluetooth® Handsfree connection state

Connecting a Device

연결하고자 하는 기기 선택 후 ▶ |Connections| 버튼 선택

Using Bluetooth®

The Phone screen is displayed once a Bluetooth® Handsfree is connected while the Bluetooth® Audio screen is displayed once streaming Audio is connected.

Pairing a New Device

For more information on pairing, refer to the 'When no phones have been paired' section.

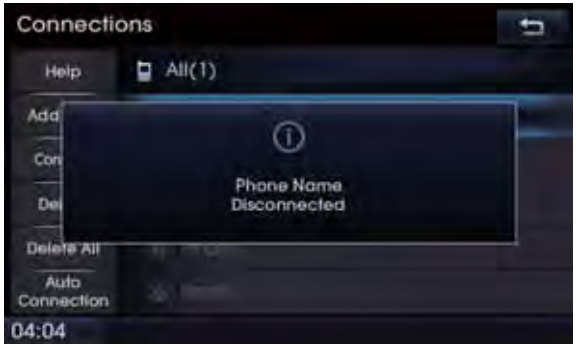
Information

• Bluetooth® features supported within the vehicle are as follows. Some features may not be supported depending on your Bluetooth® device.
- Answering and placing Bluetooth® Handsfree calls
- Menu operation during call (Switch to Private, Switch to call waiting, Outgoing volume)
-Download Call History
-Download Mobile Contacts
-Download SIM Contacts
-Contacts/ Call History Auto Download
-Bluetooth® device auto connection
-Playing Bluetooth ® Streaming Audio
• It is possible to pair up to five Bluetooth® devices to the car system.
• Only one Bluetooth® device can be connected at a time.
• Other devices cannot be paired while a Bluetooth® device is already connected.
• When a Bluetooth® device is being connected, the connection process cannot be canceled.
• Only Bluetooth® Handsfree and Bluetooth® audio related features will operate within this system.
• Normal operation is possible only for devices that support handsfree or audio features, such as a Bluetooth® mobile phone or a Bluetooth® audio device.
• Only one function can be used at a time between the Bluetooth® handsfree and Bluetooth® audio. (While playing Bluetooth® audio, streaming will end upon entering the Bluetooth® phone screen.)
• If a connected Bluetooth® device becomes disconnected for various reasons, such as being out of range, turning the device OFF, or a Bluetooth® communication error, Bluetooth® devices are automatically searched and connected.

• If the system becomes unstable due to communication errors between the vehicle and the Bluetooth® device, reset the Bluetooth® and try again. Upon resetting Bluetooth®, the system is restored to its factory release state. Press the [SETUP] key ▶ |■Bluetooth| ▶ |■Advanced Settings| ▶ |■Restore Factory Settings|

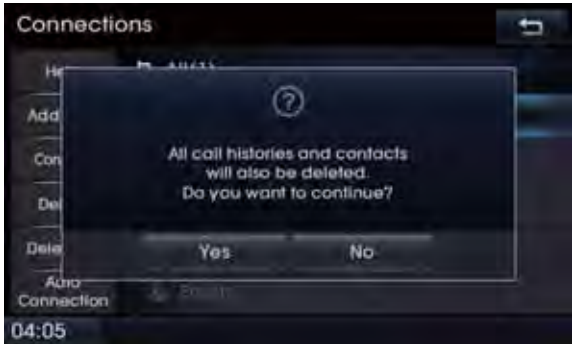
Disconnecting a Device

Select the device you wish to disconnect ▶ Press |Disconnect| ▶ Press |Yes|



Deleting a Device

Select the device you want to delete ▶ Press |Delete| ▶ Press |Yes|



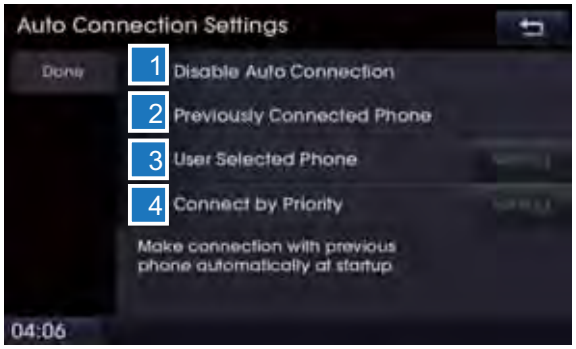
A device cannot be deleted if it is connected.
To delete a paired device, first disconnect the Bluetooth® connection.
Press |Delete All| to delete all paired Bluetooth® devices.

Information

- If a paired phone is deleted, its call history and contacts lists will also be deleted.

Setting Auto Connection

Press the |Auto Connection| button ▶ Select the desired option ▶ Set and press |Done|



If auto connection is turned on, a Bluetooth® device will automatically be connected according to the set option when the car ignition is turned on.

Name	Description
1 Disable Auto Connection	Disables auto connection
2 Previously Connected Phone	Auto connection with the previously connected Bluetooth® phone
3 User Selected Phone	Automatically connects to a user selected Bluetooth® device
4 Connect by Priority	Automatically connects according to the set Bluetooth® phone priority

Information

• The Auto Connection button is a shortcut menu to go to [Setup] ▶ |■Bluetooth| ▶ |■Auto Connection Settings|
• If you press the |Setting| button next to the |User Selected Phone| and |Connect by Priority| options, you can designate the phone you wish to connect or set the phone priority.

5 Voice Recognition

- Starting Voice Recognition
- Voice Command Lists

Using Voice Recognition

Starting Voice Recognition

Starting Voice Recognition

Shortly press the [■VR] key on the steering remote controller (under 0.8 seconds) ▶ Say a command

Once voice recognition starts, the voice command entry window and the six representative commands are displayed.

If voice recognition is in [Normal Mode], then the system will say “Please say a command. Beep~”

• If voice recognition is in [Expert Mode], then the system will only say a “Beep~”

(e.g. :screen displayed when ‘Help’ is stated)

Notice

• For proper recognition, say the command after the voice instruction and beep tone.

Information

• To change the Normal/Expert setting, press the [SETUP] key and enter the Voice Recognition settings screen.

Skipping Prompt Messages

While prompt message is being stated ▶ Shortly press the [■VR] key on the steering remote controller (under 0.8 seconds)

The prompt message is immediately ended and the beep tone will sound. After the “beep”, say the voice command.

Re-starting Voice Recognition

While system waits for a command ▶ Shortly press the [■VR] key on the steering remote controller (under 0.8 seconds)

The command wait state is immediately ended and the beep ton will sound. After the “beep”, say the voice command.

Using Voice Recognition

Ending Voice Recognition

While Voice Recognition is operating ▶ Press and hold the [■VR] key on the steering remote controller (over 0.8 seconds)

While using voice command, pressing a steering wheel remote control or a different key will end voice command.

Information

- In a state where the system is waiting for a voice command, say “cancel” or “end” to end voice command.
- In a state where the system is waiting for a voice command, press and hold the [■ VR] key on the steering remote controller to end voice command.

Using Voice Recognition

Press the [■VR] key on the steering remote controller. The voice command entry window and the six representative commands are displayed.

Information

- If voice recognition is set to ‘Expert’, then the ‘Please say a command’ prompt will not be provided. Only the ‘beep-’ will sound.
- If voice recognition is set to ‘Expert’, then the six representative commands are not shown on the screen.
- After the ‘Beep-’, the |스피커| icon will change to the |음성인식사람| icon to indicate that a command can now be stated.

Adjusting Voice Recognition Volume

While Voice Recognition is operating ▶ Turn the ◎ Volume knob left/right to adjust the voice recognition prompt volume

Using Voice Recognition

Illustration on Using Voice Recognition (When Home is set as the destination)

Press the [■VR] key (under 0.8 seconds). The system is await your command and display a list of accessible commands on the screen.

Voice Command List

Voice Command List

Voice commands within this system are categorized into “Common Commands” and “Mode Commands”.

• Common Commands (●) : commands that can be used in all situations.
• Mode Commands (○) : commands that can be used in specific multimedia/navigation/Bluetooth mode states.

Information

Some commands will operate properly only when a USB, iPod, Bluetooth or other device has been connected.

Help Command List

	Command	Operation
●	Help	Displays the mail Help screen
●	Destination Help	Displays the Destination related command list
●	Map Help	Displays the Map related command list
●	Radio Help	Displays the FM/AM radio related command list
●	XM Help	Displays the XM radio related command list
●	Disc Help	Displays the DISC mode related command list for the disc inserted in the CD Player
●	iPod Help	Displays the iPod related command list
●	USB Help	Displays the USB related command list
●	Pandora Help	Displays the Pandora radio related command list
●	Phone Help	Displays the Phone related command list

Audio System Command List

FM/AM Radio

	Command	Operation
●	Radio	Plays the most recent frequency for the most recently operated band
●	(Radio) AM	Plays the most recent frequency for the corresponding band
●	(Radio) FM	Plays the most recent frequency for the corresponding band. In the case of FM, the most recent frequency within the most recently played FM1 or FM2 band is Played
●	FM1/FM2	Plays the most recent frequency for the corresponding band
●	AM frequency <530~1710>	Plays the desired AM band frequency (ex : AM Frequency “Five-Hundred Thirty”)
●	FM frequency <87.5~107.9>	Plays the desired FM band frequency (ex : FM Frequency “Eighty-Seven point Five”)
●	AM Preset <1~6>	Plays the desired AM band preset frequency
●	FM1 Preset <1~6>	Plays the desired FM1 band preset frequency
●	FM2 Preset <1~6>	Plays the desired FM2 band preset frequency
○	Preset <1~6>	Plays the desired preset frequency for the current band
○	Seek Up	Searches and plays the next frequency of the current band
○	Seek Down	Searches and plays the previous frequency of the current band
○	Preset Up	Plays the next preset frequency of the current band
○	Preset Down	Plays the previous preset frequency of the current
○	Auto Store	Searches all frequencies within the current band and stores the 6 frequencies with the most superior reception as preset buttons
○	Scan On	Scans receivable frequencies from the current broadcast and plays for 5 seconds each
○	Scan Off	Ends the currently operating Scan or Preset Scan feature
○	Preset Scan	Moves to the next preset from the current present and plays for 5 seconds each

XM Radio

	Command	Operation
●	XM	Plays the last channel within the last band from XM1, XM2, and XM3
●	XM1/ XM2/ XM3	Plays the most recent channel for the corresponding Band
●	XM Channel <1~255>	Plays the desired XM band channel (ex : XM channel “Eleven”)
●	XM1 Preset <1~6>	Plays the desired preset channel for XM1 band
●	XM2 Preset <1~6>	Plays the desired preset channel for XM2 band
●	XM3 Preset <1~6>	Plays the desired preset channel for XM3 band
○	Channel <1~255>	Plays the desired channel of the current band
○	Preset <1~6>	Plays the desired preset channel of the current band
○	Channel Up	Plays the next channel of the current band
○	Channel Down	Plays the previous channel of the current band
○	Preset Up	Plays the next preset channel of the current band
○	Preset Down	Plays the previous preset channel of the current band
○	Scan On	Scans receivable channels from the current broadcast and plays for 5 seconds each
○	Scan Off	Ends the currently operating Scan or Preset Scan feature
○	Preset Scan	Moves to the next preset from the current present and plays for 5 seconds each

CD(Audio Type)

	Command	Operation
●	CD	If the DISC inserted in the CD Player is either a CD or MP3 DISC, then the CD or MP3 will be played
●	CD Track <1~99>	If the DISC inserted in the CD Player is a CD, then CD Mode will start and plays the desired track
○	Play	Plays the currently paused song
○	Pause	Pauses the current song
○	Next Track	Plays the next track
○	Previous Track	Plays the previous track
○	Repeat On	Repeats the current track
○	Repeat Off	Cancels repeat play to play tracks in sequential order
○	Shuffle On	Randomly plays the tracks within the CD
○	Shuffle Off	Cancels random Play to play tracks in sequential order
○	Scan On	Scans the files from the next files for 10 seconds each
○	Scan Off	Ends the currently operating Scan feature
○	Track <1~99>	Plays the desired track number

CD(MP3 Type)

	Command	Operation
●	CD	If the DISC inserted in the CD Player is either a CD or MP3 DISC, then the CD or MP3 will be played
○	Play	Plays the currently paused song
○	Pause	Pauses the current song
○	Next File	Plays the next track
○	Previous File	Plays the previous track
○	Next Folder	Plays the first file in the next folder
○	Previous Folder	Plays the first file in the previous folder
○	Repeat On	Repeats the current file
○	Repeat Off	Cancels repeat play to play files in sequential order
○	Repeat Folder	Repeats all files in the current folder
○	Shuffle On	Plays all files within the CD in random order.
○	Shuffle Off	Cancels random play to play files in sequential order
○	Shuffle Folder	Randomly plays the files within the current folder
○	Scan On	Scans the files from the next files for 10 seconds each
○	Scan Off	Ends the currently operating Scan or Folder Scan feature
○	Folder Scan	Plays all songs in the folder in which the current playing file is located for 10 seconds each

USB Music

	Command	Operation
●	USB	If the USB has been connected to the device, plays the MP3 or Image files within the USB
●	USB Music	If the USB has been connected to the device, plays the MP3 files within the USB
●	Play	Plays the currently paused song
○	Pause	Pauses the current song
○	Next File	Plays the next track
○	Previous File	Plays the previous track
○	Next Folder	Plays the first file in the next folder
○	Previous Folder	Plays the first file in the previous folder
○	Repeat On	Repeats the current file
○	Repeat Off	Cancels repeat play to play files in sequential order
○	Repeat Folder	Repeats all files in the current folder
○	Shuffle On	Plays all files within the USB in random order
○	Shuffle Off	Cancels random play to play files in sequential order
○	Shuffle Folder	Randomly plays the files within the current folder
○	Scan On	Scans the files from the next files for 10 seconds each
○	Scan Off	Ends the currently operating Scan or Folder Scan feature
○	Folder Scan	Plays all songs in the folder in which the current playing file is located for 10 seconds each

USB Image

	Command	Operation
●	USB	If the DISC inserted in the CD plays is either a CD or MP3 DISC, then the CD or MP3 will be played
●	USB Image	If the USB has been connected to the device, plays the MP3 files within the USB
○	Next File	Displays the next image file
○	Previous File	Displays the previous image file
○	Next Folder	Displays the first image file within the next folder
○	Previous Folder	Displays the first image file within the previous folder

iPod

	Command	Operation
●	iPod	Plays the songs within the iPod if the iPod has been connected to the device
○	Play	Plays the currently paused song
○	Pause	Pauses the current song
○	Next Song	Plays the next song
○	Previous Song	Plays the previous song
○	Repeat On	Repeats the current file
○	Repeat Off	Cancels repeat play to play files in sequential order
○	Shuffle On	Plays all files within the current category in random order
○	Shuffle Off	Cancels random play to play files in sequential order

My Music

	Command	Operation
●	My Music	Plays the songs within the My Music
○	Play	Plays the currently paused song
○	Pause	Pauses the current song
○	Next File	Plays the next file
○	Previous File	Plays the previous file
○	Repeat On	Repeats the current file
○	Repeat Off	Cancels repeat play to play files in sequential order
○	Shuffle On	Plays all files within the current category in random order
○	Shuffle Off	Cancels random play to play files in sequential order
○	Scan On	Scans the files from the next files for 10 seconds each
○	Scan Off	Ends the currently operating Scan or Folder Scan feature

Others

	Command	Operation
●	Audio On	Turns on the Audio/Video
●	Audio Off	Turns off the Audio/Video
●	Bluetooth Audio	Plays Bluetooth Audio
●	Auxiliary	Plays the connected auxiliary device
●	Blue Link	Displays the Blue Link mode screen

“Blue Link” is an optional feature.

Phone Command List

	Command	Operation
●	Call Name	Makes the call to the name
●	Call <Name>	Call <Name> saved in Contacts (ex: Call "John")
●	Dial Number	Makes the call to the number
●	Dial <Number>	Call can be made by dialing the spoken numbers (ex: Dial “123”)
●	Contacts	Displays list of saved contacts. Say the name to connect the call to the corresponding contact.
●	Recent Calls	The user can select a number from the outgoing , incoming , and missed calls
●	Redial	Connects the most recently called number

Navigation Command List

Destination

	Command	Operation
●	Find Address	Sets the destination through address search for route guidance
●	Previous Destination	Sets one of the previous destination as the current destination
●	Previous Searches	Sets one of the previous searches as the current destination
●	Find Nearest POI	Sets a POI near the current position as the destination for route guidance through POI category search
●	Find the Nearest < POI Name>	Sets a POI near the current position as the destination by directly inputting the POI name for route guidance (ex: Find the Nearest "Restaurants") 、 POI Category list， Page ##
●	Destination POI by Phone Number	Sets the destination by searching the phone number of the facility
●	Find Emergency Police Station	Searches for an emergency Police Station which is nearby the current position and sets it as the destination for r
●	Find Emergency Hospital	Searches for an emergency Hospital which is nearby the current position and sets it as the destination for route!
●	Find Emergency Dealership	Searches for an emergency Dealership which is nearby the current position and sets it as the destination for rout
●	My Places	Sets one of the list of previously registered addresses in the My Places for the user as the destination
●	Go Home	Sets the previously registered home address as the destination for route guidance
●	Go to Office	Sets the previously registered office address as the destination for route guidance
●	Previous Start Position	Sets the previous start position as the current destination
●	Favorite Place < 1 ~ 5 >	Sets a previously registered favorite place as the destination for route guidance

Map

	Command	Operation
●	Map Current Location	Displays the current position of the vehicle.
●	Voice Guidance On	Turns the Voice Guidance On
●	Voice Guidance Off	Turns the Voice Guidance Off
●	Voice Guidance Lauder	Increases the Voice Guidance volume by 1 level
●	Voice Guidance Softer	Decrease the Voice Guidance volume by 1 level
●	Repeat Voice Guidance	Repeats the route guidance
●	Cancel Route	Deletes the designated destination and terminates the route guidance
●	Detour <1 , 2 , 5, 10> mile(s)	Searches detour routes within a <I , 2 , 5 , 10> mile radius
●	Detour <I , 2, 5, 10> kilometer(s)	Searches detour routes within a <I , 2 , 5 , 10> kilometer radius
●	Distance to Destination	Reports the remaining distance until destination by voice
●	Time to Destination	Reports the remaining time until destination by voice
●	Store Marked Location to <Text Tag> (ex: Store Marked Location to "User I"	Registers the selected location into the selected Address book
●	Replan Fastest Route	Recalculates the route with the fastest route
●	Replan Shortest Route	Recalculates the route with the shortest route
●	Zoom In / Zoom Out	Decreases/Increases the map zoom by one level
●	Zoom <Scale>	Displays the map in the corresponding zoom <scale> : 150, 300, 700 feet/0.25, 0.5 miles/1 mile/2, 4, 8, 16, 64, 130, 250 miles 50, 100, 200, 400, 800 meters/1.6, 3.2, 6.4, 12, 25, 50, 100, 200, 400 kilometers
●	Zoom Minimum	Displays the map screen in the maximum zoom level
●	Zoom Maximum	Displays the map screen in the minimum zoom level
●	View Route	If the destination has been set , displays the whole route screen until the destination

	Command	Operation
●	XM Traffic	Displays XM Traffic information on the screen
●	Auto Zoom On	Turns the Auto Zoom feature on
●	Auto Zoom Off	Turns the Auto Zoom feature off
●	Auto Mode	Converts the map display is between daylight/night modes automatically
●	Daylight Mode	Converts the map display into daylight mode
●	Night Mode	Converts the map display into night mode
●	North Up	Displays the map in North Up mode
●	Heading Up	Displays the map in Heading Up mode

POI Category List

Restaurants	Rest Area	Pharmacy	Court House
African Restaurants	Road Assistance	Shoe Store	Fire Department
American Restaurants	**Travel**	Shopping Center	Government Offices
Asian Restaurants	Airport	Sporting Goods Store	Library
Chinese Restaurants	Bus Station	**Recreation**	Police Station
Coffee Shop	Campground	Amusement Park	Post Office
Continental Restaurants	City Center	Cinema	School
Fast Food	Ferry Terminal	Golf Course	Utilities
French Restaurants	Hotel	Museum	Waste & Sanitary
Italian Restaurants	Local Transit	Recreation Area	**Services**
Japanese Restaurants	Rental Car Agency	Ski Resort	Attorney
Korean Restaurants	Tourist Attraction	Sports Activities	Cleaning & Laundry
Latin American Restaurants	Tourist Information	Sports Complex	Communication Services
Mexican Restaurants	Train Station	Video & Game Rental	Dentist
Seafood Restaurants	Travel Agent	Winery	Funeral Home
Vegetarian Restaurants	**Shopping**	Other Recreation	Hair & Beauty
Other Restaurants	Bookstore	**Financial Services**	Hospital
Automotive	Clothing Shop	ATM	Medical Service
Auto Parts	Convenience Store	Bank	Mover Services
Auto Service	Department Store	Business Facility	Photography
Automobile Dealership	Electronics Store	Check Cashing Service	Physician
Car Wash	Gift Shop	Money Transfer	Social Service
Gas Station	Grocery Store	**Community**	Tailor & Alteration
Hyundai Dealership	Hardware Store	City Hall	Tax Service
Motorcycle Dealership	Home Specialty Store	Civic Center	
Parking	Music Store	Convention, Center	

6 Information

- XM Data
- Blue Link
- GPS Information
- Help

XM Data

About GPS

Press the [INFO] key ▶ Press |XM Data|

About XM Data Service

The XM Data Service is a paid membership Satellite radio service which provides users with traffic, stock, sports, and weather information.
However, weather information is not supported for vehicles purchased in Canada.

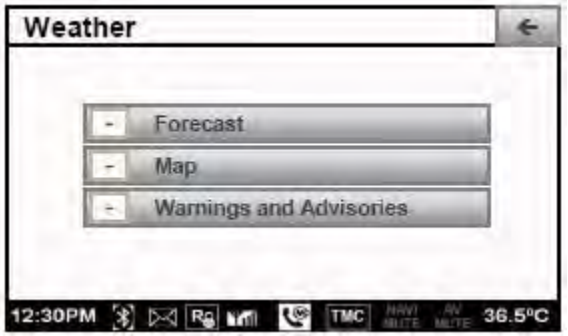
XM Data 초기 화면

[Weather]	최근 3일간의 날씨 정보 표시 [More]버튼을 통하여 상세 정보 확인
[Traffic]	도로 상의 유고정보 표시[More] 버튼을 통하여 상세 정보 확인
[Stocks]	Favorite Stocks로 지정된 3개 주식종목 정보 표시 [More] 버튼을 통하여 상세 정보 확인
[Sports]	My Teams로 지정된 2개 팀에 대한 정보 표시 [More]버튼을 통하여 상세 정보 확인

Weather Data Service

Press the [INFO] key ▶ Press |XM Data| ▶ Press [Weather : More]

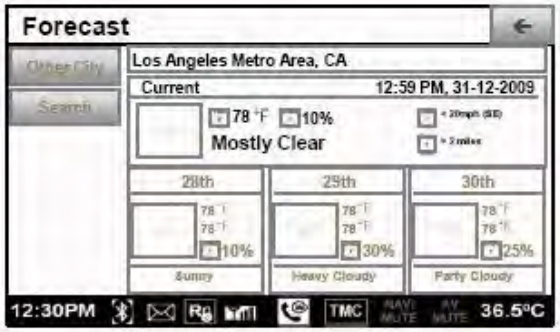
The Weather Service is a service which provides weather information updated ever 5 minutes for your region.
The Weather Service includes Tabular Weather, Graphical Weather, Warnings and Advisories Services.



XM Data

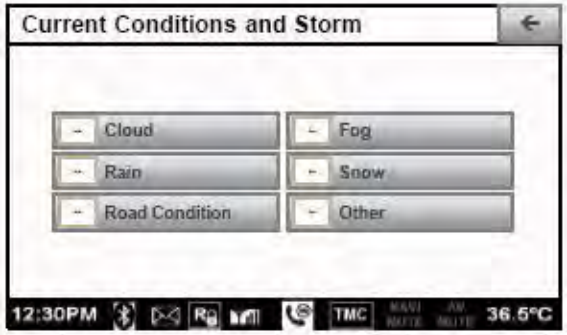
Forecast

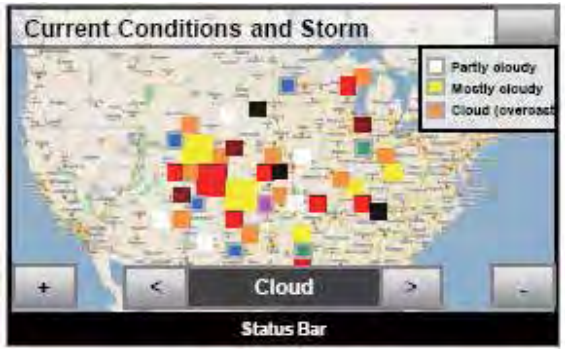
Provides current weather information and weather information for the coming next three days for your region.
To change the region, press the |Other City| button and select the desired region.



Map

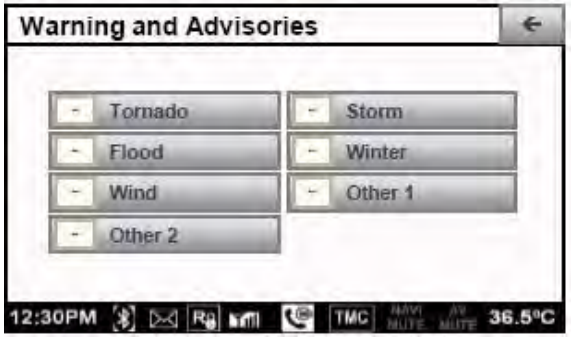
This service provides weather information, such as Cloud, Fog, Rain, Snow, and Road Conditions on the Navigation map as symbols.
Details can be viewed on specific regions by using the zoom in and zoom out features.

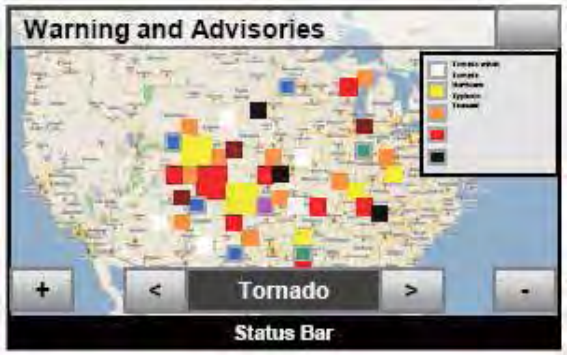




Warnings and Advisories

This service provides weather warnings and advisories, such as Tornado, Storm, Flood, etc. as symbols on the Navigation map.
Details can be viewed on specific regions by using the zoom in and zoom out features.





XM Data

Traffic Data Service

Press the [INFO] key ▶ Press |XM Data| ▶Press [Traffic : More]

Traffic List 화면

• Automatic route recalculation (guidance) according to changes in traffic conditions.
• Provides short-cuts for initially searched routes.
• Displays increased detour distance and estimated driving times.
• Displays icons by each traffic situation on the map.

1.Route calculation by incorporating actual road traffic conditions
Incorporation of traffic information to route calculations is a user option which can be turned on or off by the user.

2.Displays Road Traffic situations
RTM (Road Traffic Message) is a feature which displays symbols of icons for each type of road traffic condition, such as locations under construction, accidents, basic weather, and others on map locations based on Traffic information provided by XM.

3.Avoidance of locations where traffic situations have occurred.
If a traffic situation occurs somewhere along the route, the route is recalculated to avoid such locations and an avoidance recalculation popup will be displayed.

4.Displays Traffic Event List
A list providing details on accidents and an icon which will display the accident location are displayed. The user can view details by pressing on the list or move the map to the accident location by pressing on the accident icons.

Traffic Stocks Service

XM Stock data Service is a service which provides real-time updated information on the NYSE, NASDAQ, and AMEX (approximately 11,000 symbols)

Press the [INFO] key ▶ Press |XM Data| ▶ Press [Stock : More]

XM Data

Stocks

Stocks is a feature that shows the current value and change of stocks.

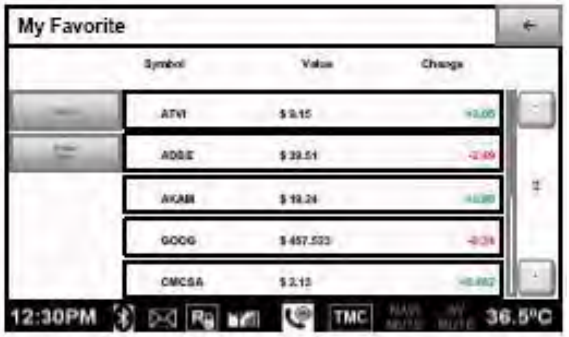
For symbols which you are interested in, press the <Favorites> icon to save the symbol as a part of <My Favorite>. Saved symbols can be viewed from the My Favorites button on the Stock Main screen.

Stock Search

Use the Stock Search menu to search for specific stocks.

My Favorites

My Favorites shows list of stocks added by the user.

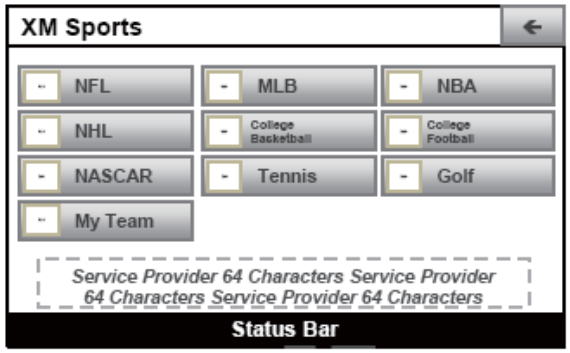


XM Data

When GPS info cannot be used

The service provides real-time updated information on scores and schedules for major sports, such as NFL, NBA, NCAA Football, NCAA basketball, NHL, MLB, NASCAR and more.

Press the [INFO] key ▶ Press |XM Data| ▶ Press [Sports : More]



My Teams

You can save teams which you are interested in as part of <My teams> to easily view related scores and schedules.

Blue Link

Blue Link

Press the [INFO] key ▶ Press |Blue Link|

Blue Link 서비스 이용 시 주의 사항

Blue Link 서비스에 가입되어 있지 않은 경우, ECO Driving정보 조회, Blue Link System 정보 확인 기능만 제공 됩니다.

Blue Link 초기 화면

[Downloaded POI]	Blue Link 센터 또는 웹사이트를 통하여 다운로드 된 POI 정보 확인
[ECO Driving]	차량 연비 그래프 및 경제 운전 정보를 확인
[system Info]	Blue Link 시스템 정보 확인 및 업데이트
[Gas Station]	Blue Link 센터 또는 웹사이트를 통하여 다운로드 된 Gas Station 정보 확인
[Restaurants]	Blue Link 센터 또는 웹사이트를 통하여 다운로드 된 Restaurants 정보 확인
[Location Sharing]	Blue Link 센터 또는 웹사이트를 통하여 공유된 친구의 위치 정보 확인

Blue Link 안전 및 보안 서비스

Auto Crash Notification
차량 사고로 인하여 에어백이 작동할 경우 현재 위치와 고객님의 정보를 신속하게 Blue Link 센터로 전송한 후 긴급구난 전화가 연결됩니다.
긴급 구난 전화가 연결되면 안전 상담원이 현재 상황에 따른 적절한 조치를 취하게 되며 동시에 고객님께 적절한 행동 조치를 설명합니다.

ACN연결화면

Blue Link

SOS

[SOS] 키를 통하여 긴급 구난 서비스를 요청할 수 있습니다. SOS서비스가 요청되면 차량 정보 및 현재 위치 정보가 Blue Link 센터로 전송 되며 안전 상담원과의 통화가 연결됩니다.

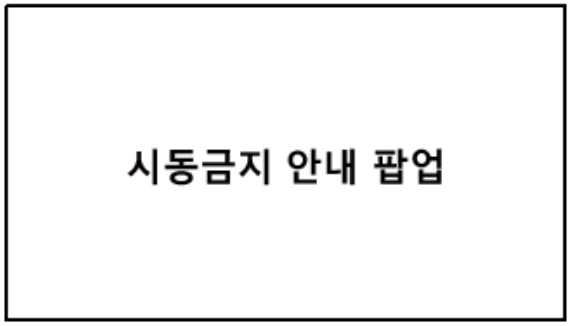
안전 상담원은 긴급 구난 요원이 현장에 도착할 때까지 통화를 유지하며 고객님께 적절한 행동 조치를 설명합니다.

차량 도난 방지 서비스

차량 도난에 대한 상황이 감지된 경우, 도난 정보는 즉시 관할 경찰서로 전송되며 Blue Link 센터는 관할 경찰이 도난된 차량을 신속하게 수배 및 회수할 수 있도록 관련 정보를 지원 합니다.

차량 시동 금지

차량 도난이 감지되면 관련 법률에 근거하여 해당 차량의 시동을 차단합니다.
차량 시동 금지는 현재 차량의 시동이 꺼져 있는 상황에서 작동하며, 차량이 이동 중인 경우에는 차량이 멈춘 후 시동이 꺼진 후에 재시동 시 차단 됩니다.



차량 속도 감소

차량 주행 중 도난이 감지되면 관련 법률에 근거하여 해당 차량의 속도를 안전속도까지 천천히 감소시킵니다. 이때 다음과 같은 경고 메시지가 표시됩니다.

Blue Link

위치 정보 서비스

Blue Link 센터를 통한 POI 정보 다운로드

Blue Link POI
룸미러키 누르는 이미지

1. 룸미러의 [Blue Link POI] 키를 눌러 Blue Link 센터로 연결.

Blue Link Call 연결화면

2. 연결 후 Blue Link 센터의 음성인식을 통하여 POI 정보를 요청
3. 요청된 POI 정보를 수신하면 화면에 수신된 POI 정보가 표시됩니다.

Blue Link Call 연결화면

Blue Link 센터를 통한 POI 정보 다운로드

1. Blue Link 웹사이트 (www.myhyndai.com)를 방문하여 에서 원하는 POI 정보를 검색한 후 차량으로 전송합니다.
2. 전송 후 차량 시동을 켜면 다음과 같은 POI 다운로드 메시지가 표시됩니다.

POI 다운로드 팝업

3.YES를 선택하여 다운로드 된 POI목록을 확인합니다.

POI 리스트 화면

Blue Link

다운로드 된 POI 정보 확인

Press the [INFO] key ▶ |Blue Link| 선택 ▶[Downloaded POI] 선택

POI 리스트 화면

POI 리스트를 선택하면 상세 정보를 확인할 수 있습니다.

POI 상세 정보 화면

[View Map]	현재 선택된 POI의 위치를 지도 상에서 확인
[Call]	현재 선택된 POI로 전화 걸기
[Delete]	현재 선택된 POI 정보 삭제

Information

• 기본적으로 POI목록은 현재 위치를 기준으로 날짜 순서로 표시 됩니다. 만약 주행 중인 경로 기준 또는 다운로드 된 거리를 기준으로 표시를 원한다면 Distance 또는 On Route를 선택하십시오.
•내비게이션에서 기존에 설정된 목적지에 대한 경로를 탐색 중인 경우에는 지도화면으로 이동할 수 없습니다. 경로 탐색 완료 후 다시 이용해 주십시오.
Poi 전화 연결은 블루투스를 통하여 전화기를 연결하기 때문에 먼저, 블루투스 전화가 연결되어 있는지 확인 하여 주십시오.

다운로드 된 Gas Station 정보 확인

Press the [INFO] key ▶ |Blue Link| 선택 ▶[Gas Station] 선택

Gas Station 리스트 화면

Gas Station 상세 정보 화면

Blue Link

다운로드 된 Restaurants 정보 확인

Press the [INFO] key ▶ |Blue Link| 선택 ▶[Restaurants]선택

Restaurants 리스트 화면

Restaurants 상세 정보 화면

공유된 친구의 위치 정보 확인

Press the [INFO] key ▶ |Blue Link| 선택 ▶[Location Sharing]선택

Location Sharing 리스트 화면

Location Sharing 상세 정보 화면

내 위치를 친구에게 전송

Blue Link POI
룸미러키 누르는 이미지

1. 룸미러의 [Blue Link POI] 키를 눌러 Blue Link센터로 연결

Blue Link Call
통화 중 화면

2.연결 후 Blue Link 센터 상담원에게 내 위치를 친구에게 전송할 것을 요청
3.내 위치가 친구에게 전송됨

Blue Link

차량 정보 서비스

Eco Driving

Press the [INFO] key ▶ |Blue Link| 선택 ▶[Eco Driving] 선택

Eco Driving 화면

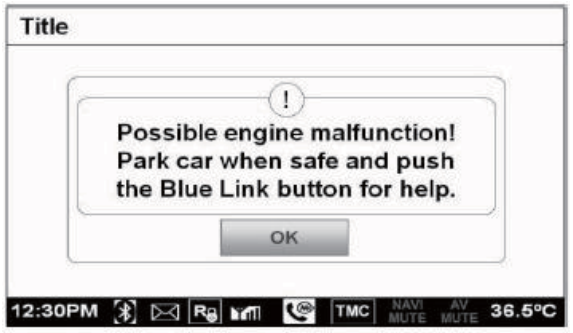
연비 그래프	평균연비(Community) 대비한 2.5분 간격의 연비정보 표시
Average Fuel Economy	시동 후 차량 주행에 따른 평균 연비
Fuel Consumption last 2.5 min	최근 2.5 분 동안의 연비
Eco Reward	평균연비보다 좋은 운전을 하는 경우 점수 획득
Help	연비 그래프에 대한 상세 설명 표시

서비스 만료 알림

Blue Link 서비스 만료 시점이 가까워 오면, 다음과 같은 메시지가 표시 됩니다.
서비스 만료 알림은 웹사이트, 이메일 및 문자 메시지를 통하여 주기적으로 안내됩니다.

자동 차량 진단 및 고장 알림

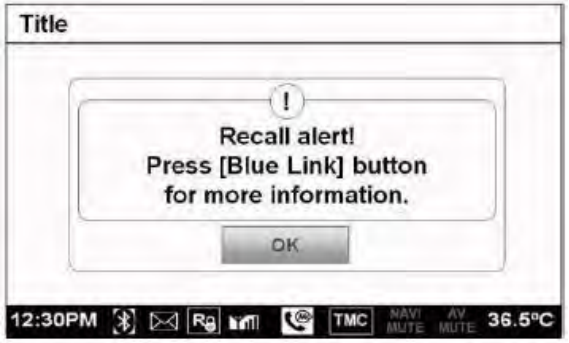
차량 상태에 대한 이상이 감지되면 해당 이상에 대한 안내와 조치사항에 대하여 화면에 표시됩니다.



Blue Link

Eco Driving

차량의 리콜 또는 캠페인 정보가 수신되면 다음과 같은 메시지가 표시됩니다.



캠페인 알림 팝업

Blue Link 시스템 정보

Press the [INFO] key ▶ |Blue Link| 선택 ▶[System Info] 선택

System Info 화면

Model	Blue Link 모델 이름
Version	Blue Link 하드웨어 및 소프트웨어 버전
MEID NO.	Blue Link 시스템 고유 번호
Update (USB)	USB를 통한 Blue Link 시스템 업데이트

GPS Information

About GPS

GPS (Global Position System) :
GPS is a system developed and operated by the United States that determines the user's current position (longitude • latitude, etc) by using 4 or more satellites.
This system is used with related GPS information, various sensors, road map data, and other related information to provide navigation services

Information

• For continued map updates, information gathering and surveys are conducted continuously to monitor road changes or new road constructions. Nonetheless, roads, facilities, and fares are under constant change and it is impossible to completely remove all errors, including road updates, names, facilities, and fares. Please keep such fact in mind when using GPS.
• In principle, roads with widths less than 3m are not included within the map data. Roads with sections with widths less than 3m may be deleted in future map data updates.

When GPS info cannot be used

GPS info may not operate under the following conditions.
• When buildings, tunnels, or other obstructions block satellite signals
• When materials are placed above the GPS antenna and block satellite signals
• When the satellite is not transmitting
• When a digital cellular phone (1.5GHz) is placed near the GPS antenna

Errors unavoidable due to system characteristics

• The navigation system uses GPS information, various sensors, road map data, and other related information to display the current position. Errors may occur if the satellite is transmitting inaccurate signals or only two or less satellite signals can be received. Errors that occur in such conditions cannot be corrected.

Viewing GPS Info

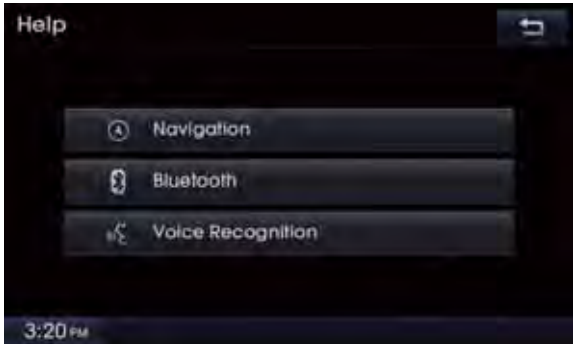
Press the [INFO] key ▶ Select |■GPS Info|

The GPS reception and vehicle speed information are displayed.

Help

Viewing Help

Press the [INFO] key ▶ Select |■Help|



Help sections on the Navigation and Bluetooth® features can be selected and viewed.

7 Other Features

- Climate Mode
- PGS

Climate Mode

Operating Climate Mode

Press the [CLIMATE] key to display the Climate status bar.

Information

• When operating the Multimedia or Navigation mode, press a Climate related key, such as [TEMP], [AUTO], [A/C] to display the Climate status bar at the top of screen.

Basic Mode Screen

Name	Description
1 Driver-side temperature	Displays the driver-side temperature
2 AUTO Display	Displays whether the heating/cooling auto function is on/off
3 A/C Display	Displays whether the a/c is on/off
4 Fan level Display	Displays the current fan level
5 Fan Direction Display	Displays the set fan direction
6 DUAL Display	Enables the driver/passenger temperature to be set independently
7 Passenger-side temperature	Displays the passenger-side temperature

Climate Mode

Basic Operation

Controlling driver/passenger Temperature simultaneously

Press the [DUAL] key to turn the DUAL setting off.

When DUAL is disabled, the driver-side and passenger-side temperatures are controlled simultaneously.

Information

- The cabin temperature can be adjusted in 0.5℃ units within a range of 17.5℃~ 31.5℃.
- The temperature will be displayed as LOW once it is adjusted below 17.5℃ and HIGH once it is adjusted above 31.5℃.

Controlling driver/passenger temperature independently

Press the [DUAL] key to turn the DUAL setting back on.

When DUAL has been enabled, the driver-side and passenger-side temperatures can be controlled independently.

Information

• When setting the driver-side temperature with DUAL on, the DUAL button will turn OFF if the driver-side temperature is set to LOW or HIGH.

Setting Fan Direction

Press the fan keys to change the fan direction.

Information

When setting the driver-side temperature with DUAL on, the DUAL button will turn OFF if the driver-side temperature is set to LOW or HIGH

Climate Mode

Setting Fan Level

Press the [■송풍량 조절|key to change the fan level.

Information

If the fan level is changed while in [AUTO] mode, AUTO mode will turn off.

PGS (Parking Guide System)

About PGS (Parking Guide System)

• PGS System is a system which provides monitored parking guidance.
• The PGS will operate automatically when the ignition Key is turned ON and the transmission level is set to Reverse. The PGS will automatically stop operating when the transmission shift lever is set outside of reverse.
•The PGS(Parking Guide System)is an optional feature

Operating sequence of the PGS

1. Position the ignition key in ACC or ON.
2. Position the transmission lever to R.
3. The PGS mode will be displayed on the screen.

Information

Guidance track is as follows:
• Red line -1.64 feet from the rear bumper
• Yellow line – 3.28 feet from the rear bumper.
• Blue line – 9.84 feet from the rear bumper.
• Red line – Track following left side driver side wheel
• Yellow line – Track following right side passenger side wheel

8 Setup

- Setup
- Using Setup

Setup

Basic Mode Screen

Name	Description
1 Sound	Sets sound related settings
2 Display	Sets display related settings
3 HD Radio	Sets HD Radio related settings
4 Bluetooth®	Sets Bluetooth® related settings
5 Navigation	Sets various settings found within Navigation mode
6 Edit My Places	Set/Edit My Places within Navigation Mode
7 Traffic	Sets Traffic Information related settings
8 Voice Recognition	Sets voice recognition related settings
9 Clock	Sets current time and clock display
10 Picture Frame	Sets screen displayed when device is turned off
11 Keyboard	Sets the keyboard type
12 Language	Sets language for use within the device
13 System Update	Checks system software version and receive updates
14 Display Off	Turn device display on/off (The device power will not be turned off)
15 Close	Close Setup menu screen

Starting Mode

Press the [SETUP] key to can check and change the settings for all features found within the Navigation system.

Sound

Press the [SETUP] key ▶ Press |■Sound|

Setting Balance/Fader

Press the |■Sound| button ▶ Press |Fader/Balance| ▶ Set and press |Done|

Use the |▲|, |▼|, |◀|, |▶| buttons to move the cursor on the control screen to the desired position.

Press |Default| to restore sound to the center position.

Information

The Balance/Fader settings allows you to set the sound position. For example, you can set the sound close to the driver-seat so that the volume is relatively lower in the passenger or rear seats.

Setting Bass/Mid/Treble

Press the |■Sound| button ▶ Press |Bass/Mid/Treble| ▶ Set and press |Done|

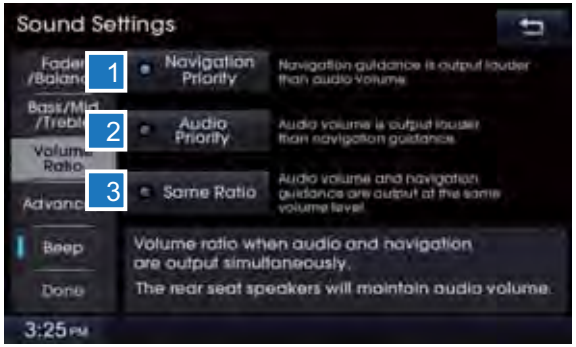
Use the |◀| or |▶| buttons to adjust the Bass/Mid/Treble settings.

Information

• Press the |Default| button to restore the Bass/Mid/Treble to the center position.

Setting Volume Ratio

Press the |■Sound| button ▶ Press |Volume Ratio| ▶ Set and press |Done|



These options are used to set the volume ratio by selecting from Navigation Priority/ Audio Priority/Same Ratio.

Name	Description
1 Navigation Priority	Navigation guidance is output louder than audio Volume
2 Audio Priority	Audio volume is output louder than the navigation guidance.
3 Same Ratio	Audio volume and navigation guidance are output in identical volume

Information

• The rear seat speaker will maintain its audio volume regardless of which volume ratio is selected.

Speed Dependent Volume Control

Press the |■Sound| button ▶ Press |Advanced|▶ Turn the feature |On| ▶ Set and press |Done|

The volume level is controlled automatically according to the vehicle speed.

Setting Beep

Press the |■Sound| button ▶ Press |■Beep| ▶ Set and press |Done|

Each press of this button turns the BEEP tone on/off.

Information

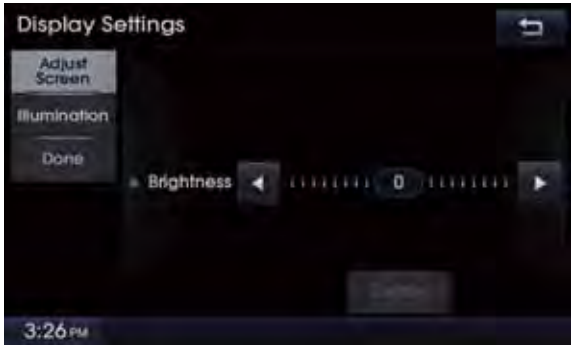
• When the light on the left side of the button is turned on, this indicates that the BEEP tone is active. Press the |■Beep| button again to turn off the BEEP tone.

Display

Press the [SETUP] key ▶ Press |■Display|

Adjusting Screen

Press the |■Display| button ▶ Press |Adjust Screen| ▶ Set and press |Done|



Use the|◀| or |▶| buttons to adjust the display brightness and color.

Setting Illumination

Press the |■Display| button ▶ Press |Illumination|

Name	Description
1 Automatic	Adjusts the brightness automatically according to surrounding brightness
2 Daylight	Always maintains the brightness on high
3 Night	Always maintains the brightness on low

Information

When set to Automatic, the screen brightness and color will automatically be adjusted according to the surrounding brightness.

HD Radio

Press the [SETUP] key ▶ Press |■HD Radio|

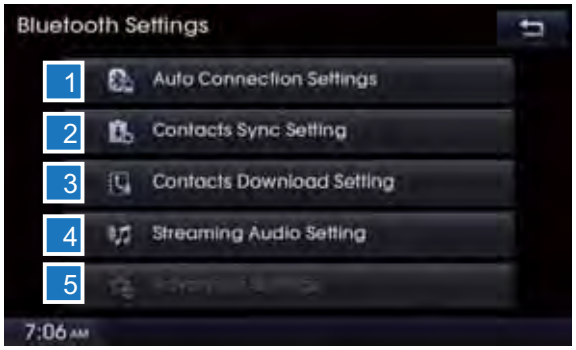
These settings are used to set whether to turn HD Radio On/Off.

Name	Description
1 FM-HD Radio	Used to set FM-HD Radio On/Off
2 AM-HD Radio	Used to set AM-HD Radio On/Off

파트

Bluetooth®

Press the [SETUP] key ▶ Press |■Bluetooth|

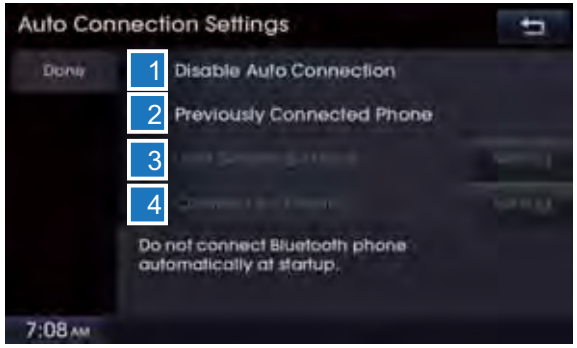


These menus allow you to set Bluetooth® related features.

Name	Description
1 Auto Connection Settings	Sets Bluetooth® device auto connection when car ignition is turned on between the vehicle and Bluetooth® devices
2 Contacts Sync Setting	Automatically downloads the mobile phone contacts and call histories to the car upon connecting Bluetooth®
3 Contacts Download Setting	Sets which Contacts to download from between Mobile or SIM contacts
4 Streaming Audio Setting	Sets whether to use the streaming audio feature
5 Advanced Settings	Sets Bluetooth related settings, including Change Passkey, Change Device Information, Delete Favorites, Delete Call History and Restore Factory Settings

Auto Connection Settings

Press |■Bluetooth| button ▶ Press |Auto Connections Settings| ▶ Set and press |Done|



If auto connection is turned on, a Bluetooth® device will automatically be connected according to the option setting when the car ignition is turned on.

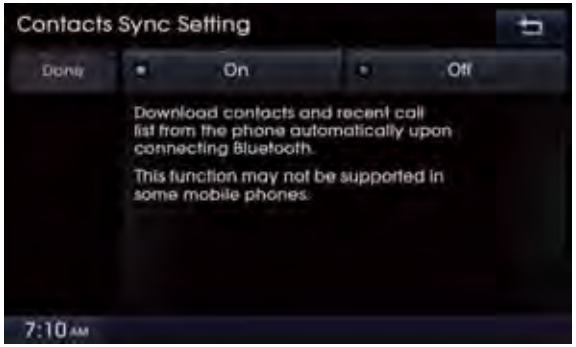
Name	Description
1 Disable Auto Connection	Disables auto connection
2 Previously Connected Phone	Automatically connects the previously connected Bluetooth® device
3 User Selected Phone	Automatically connects to the set Bluetooth® device
4 Connect by Priority	Automatically connects according to the set Bluetooth® phone priority

Information

• If you press the |Setting| button next to the |User Selected Phone| and |Connect by Priority| options, you can designate the phone you want to connect or set the phone priority.

Contacts Sync Setting

Press |■Bluetooth| ▶ Press|■Contacts Sync Setting| ▶ Set and press |Done|



This feature automatically downloads the mobile phone contacts and call histories to the car upon Bluetooth® connection. If you do not wish to use Contacts Sync, turn the feature off.

Information

• This feature may not be supported in some Bluetooth® devices.

Contacts Download Setting

Press |■Bluetooth| ▶ Press|■Contacts Download Setting| ▶ Set and press |Done|

You can select the contacts you wish to download.

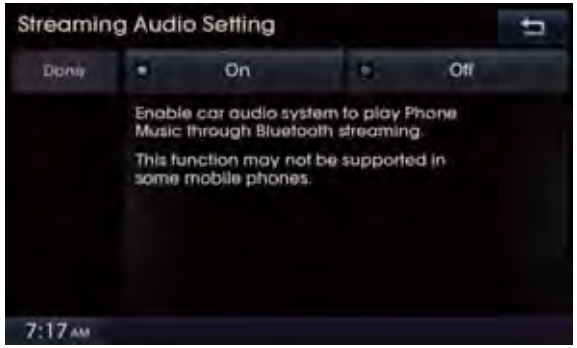
Name	Description
1 Mobile Contacts	Download contacts saved in your mobile phone
2 SIM Contacts	*Download contacts saved in SIM*

Information

• When the mobile phone contacts and SIM contacts are both selected, the mobile phone contacts will be downloaded first.

Streaming Audio Setting

Press |■Bluetooth| ▶ Press|■Streaming Audio Setting| ▶ |Done|



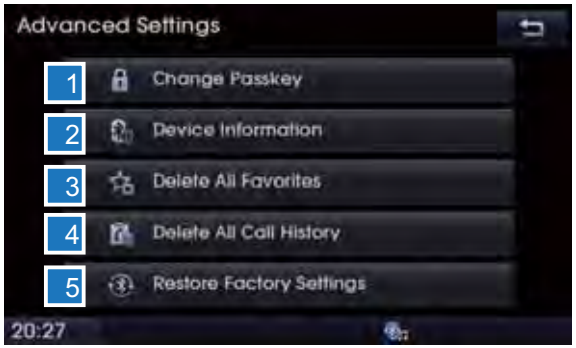
When streaming audio is turned On, you can play music files saved in your Bluetooth® device from the car.

Information

• This feature may not be supported in some Bluetooth® devices

Advanced Settings

Press |■Bluetooth| ▶ Press|■Advanced Settings|



Name	Description
1 Change Passkey	Changes the passkey used to authenticate Bluetooth® Device
2 Device Information	Searches car Bluetooth® device information and change device name
3 Delete All Favorites	Deletes all favorites of connected Bluetooth® Device
4 Delete All Call History	Deletes all call history of connected Bluetooth® Device
5 Restore Factory Settings	Restores Bluetooth® factory state settings

Advanced Settings allow you to control additional Bluetooth® related settings. For safety, first park the vehicle in a safe location to operate these features.

Change Passkey

Press |■Bluetooth| ▶ Press|■Advanced Settings| ▶ Press|■Change Passkey| ▶ Set and press |Done|

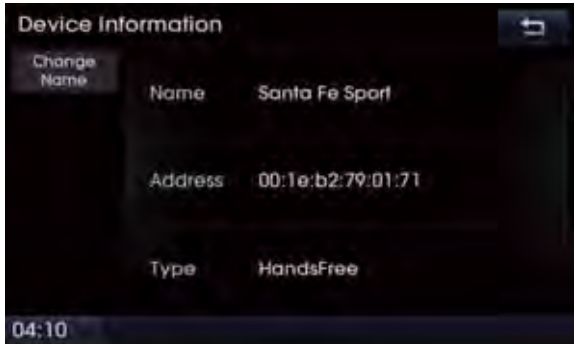
This feature is used to change the passkey required to connect a Bluetooth® device to the car.

Information

• The default passkey is 0000.

Device Information

Press |■Bluetooth| ▶ Press|■Advanced Settings| ▶ Press |■Device Information|



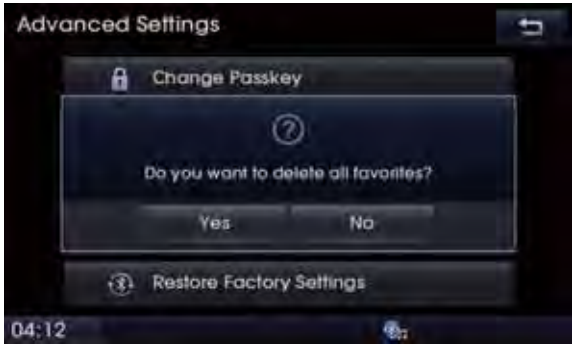
This feature allows you to check device information.

Information

•Press the |Change Name| button to change the name of the device.
• The default car name is set to Santa Fe.
• The device name and address shown in the above is only an example. Check your device for the actual device information.

Delete All Favorites

Press |■Bluetooth| ▶ Press|■Advanced Settings| ▶ Press |■Delete All Favorites|



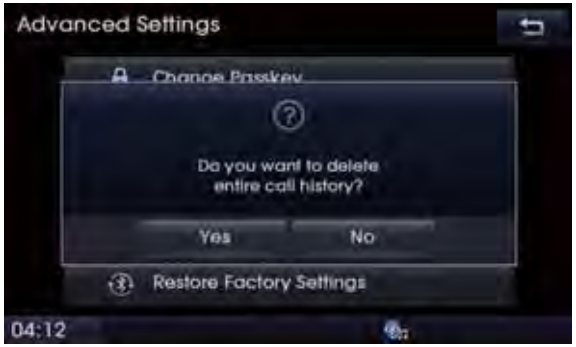
This feature allows you to delete all Favorites saved in the Car Handsfree for the currently connected Bluetooth device.

Information

• If there are no Favorites or a Bluetooth® device is not connected, the |■Delete All Favorites| button will be disabled.

Delete All Call History

Press |■Bluetooth| ▶ Press|■Advanced Settings| ▶ Press |■Delete All Call History|



This feature allows you to delete all call histories saved in the Car Handsfree for the currently connected device.

Information

• If there are no call histories or a Bluetooth® device is not connected, the |■Delete All Call History| button will be disabled.

Restore Factory Settings

Press |■Bluetooth| ▶ Press |■Advanced Settings| ▶ Press |■Restore Factory Settings|

Turning on this feature will erase all paired phones and allows you to restore Bluetooth® related settings and data to the default factory settings.

Information

• The |■Restore Factory Settings| feature cannot be used when a Bluetooth® device is connected. To use this feature, first disconnect the Bluetooth® device.

Navigation

Press the [SETUP] key▶ Press |■Navigation|

Main

Press the |■Navigation| button ▶ Press |Main| ▶ Set and press |Done|

This menu is used to set general navigation options.

Name	Description
1 Unit	Sets whether to display distance as km/mi
2 Estimated Time of	Set whether to display estimated time of arrival or travel on the route info display screen
3 Distance and Time to	Set whether to display distance and time to destination or to waypoint on the route info display screen
4 Display Previous Destinations upon Start-up	Set whether to display the previous destinations popup upon starting system
5 Driving Speed Setting	Set basic info to calculate estimated arrival time to destination or waypoint
6 Auto Search when fuel gauge reads low	Automatically search for gas stations when fuel gauge reads low

Information

• When you have finished with the settings, press the |Done| button to save changes.

Driving Speed Setting

Press the |Edit| button within the “Driving Speed Setting” menu to set the estimated driving speed for residential roads, main streets, and expressways. The set driving speed is applied to calculate the estimated time to reach the destination or waypoint.

The changed driving speed is used to calculate the estimated time until the destination or waypoint.
Press the |Default| button to reset the driving speed settings

Information

• Default Driving Speed Settings for Residential, Main Streets, and Expressways are 20mph, 35mph, and 60mph, respectively.

Display

Press the |■Navigation| button ▶ Press |Display| ▶ Set and press |Done|

This menu is used to set the color of the Route Indicator line displayed when receiving route guidance.

Information

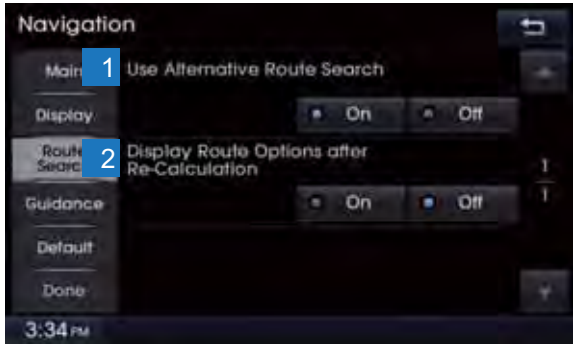
• When you have finished with the settings, press the |Done| button to save changes.

Route Indicator Line

Press the |■Edit| button within the |Route Indicator Line| menu to change the color of the route indicator line.

Route Search

Press the |■Navigation| button ▶ Press |Route Search| ▶ Set and press |Done|



This menu is used to set route search related options.

Name	Description
1 Use Alternative Route Search	Set whether to first display alternative routes upon conducting route search
2 Display Route Options after Re-calculation	Set whether to display the pop-up screen that allows changes to route options upon route recalculation

Using Setup

Guidance

Press the |■Navigation| button ▶ Press the desired |Guidance| ▶ Set and press |Done|

This menu is used to set options on speed alerts and driver alerts.

Name	Description
1 Speed Alert Guidance	Set options related to various camera alerts
2 Driver Alert Guidance	Set options related to speed bumps, curves, and merges

Speed Alert Guidance

To change the |Speed Alert Guidance| option, press the |Edit| button within the “Speed Alert Guidance” menu.

Name	Description
1 Guidance Setup	Sets Alarm sound for speed alerts/ over speeding and speed guidance when volume is muted.
2 Distance Setup	Sets camera guidance alarm distance

Information

• Distance can be set in 0.06mi units.
To initialize settings, press the |Default| button.

Driver Alert Guidance

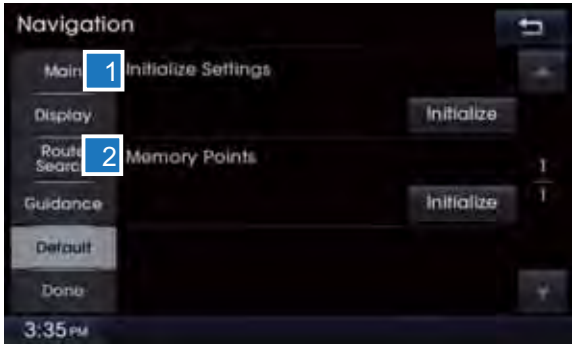
To set the Driver Alert Guidance, option, press the |Edit| button within the “Driver Alert Guidance” menu.

Information

• Alerts provided within Driver Alert Guidance may differ depending on actual road conditions.

Default

Press the |■Navigation| button ▶ Press |Default ▶ Set and press |Done|



This menu is used to reset saved changes and user preferences.

Name	Description
1 Initialize Settings	Resets all settings back to the default state
2 Memory Points	Resets all saved memory point information

Information

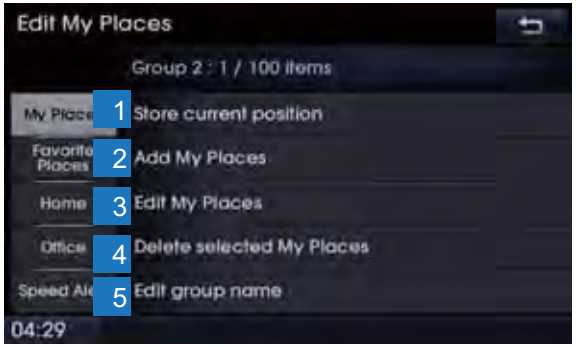
• If the settings of an option are reset, then all settings will be restored to the default factory state.
• Heed caution as Home, Office and other user locations may become deleted.

My Places

Press the [SETUP] key ▶ Press |■Edit My Places|

My Places

Press the |■Edit My Places| button ▶Press |My Place| ▶ Set and press |Done|



From the My Places list, select the desired menu to either add, delete or edit My Places.

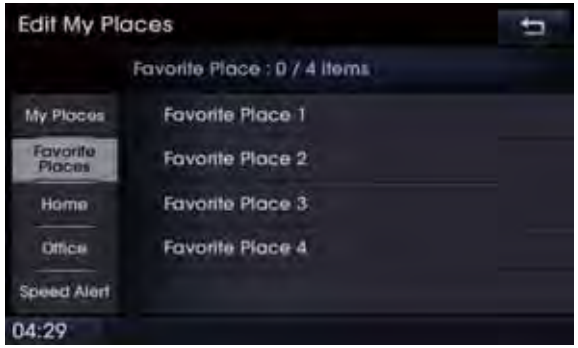
Name	Description
1 Store current Position	Add the current vehicle position as a My Place
2 Add My Places	Add a My Place by using search functions
3 Edit My Places	Edit information pertaining to saved My Places, such as name, location, and telephone number
4 Delete selected My Places	Delete one or all saved My Places
5 Edit Group name	Edit name of corresponding group

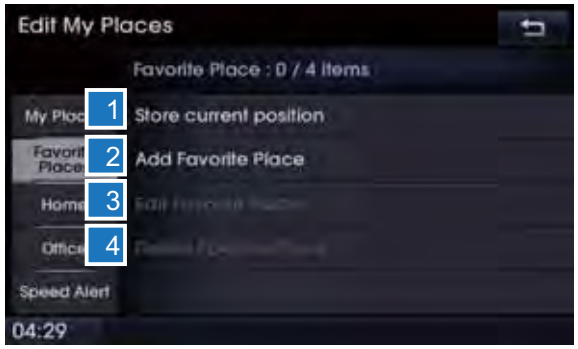
Information

• By default, names of folders have been set as “Group”.

Favorite Places

Press the |■Edit My Places| button ▶Press |Favorite Places| ▶ Set and press |Done|





A total of 4 Favorite Places can be saved. Favorite Places can be selected at the bottom of the Destination Search main screen.

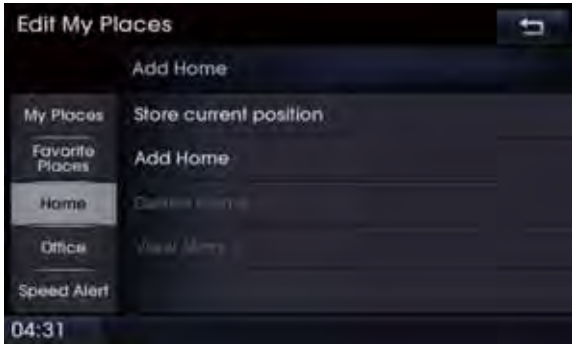
Name	Description
1 Store current Position	Adds the current vehicle position as a Favorite Place
2 Add Favorite Place	Add a Favorite Place by using search functions
3 Edit Favorite Place	Edit information pertaining to saved Favorite Places, such as name, location, and telephone number
4 Delete Favorite Place	Delete one or all saved Favorite Places

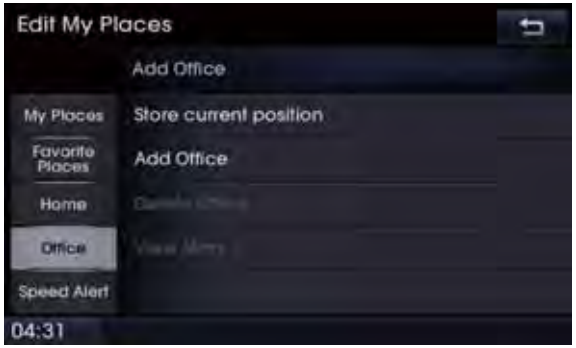
Information

•If Favorite Places have not been added, the |Edit Favorite Place| and |Delete Favorite Place| buttons will be disabled.

Home, Office

Press the |■Edit My Places| button ▶Press |Home| or |Office|





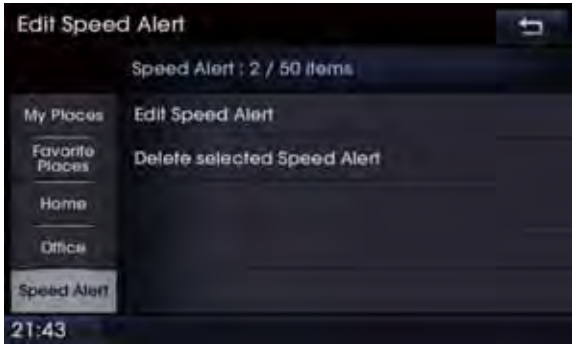
One Home and Office can each be saved. The set Home and Office positions can be selected at the bottom of the Destination Search main screen.

Information

• If the Home and Office has not been set, these buttons will be displayed as disabled within the Destination Search screen.

Speed Alerts

Press the |■Edit My Places| button ▶Press |Speed Alerts| ▶ Set and press |Done|

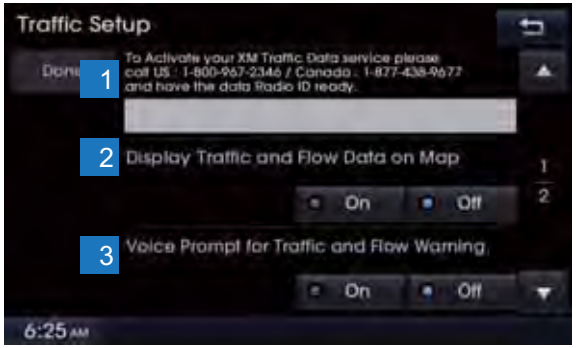


|등록카메라| 편집화면에서 |명칭|, |위치| 등의 편집이 가능하며 제한속도 및 카메라의 종류 설정, 편집을 할 수 있습니다.

파트

Traffic Setup

Press the [SETUP] key ▶ Press |■ Traffic Setup |



This menu is used to set options related to traffic and flow data, voice prompts, and re-routing options based on traffic conditions.

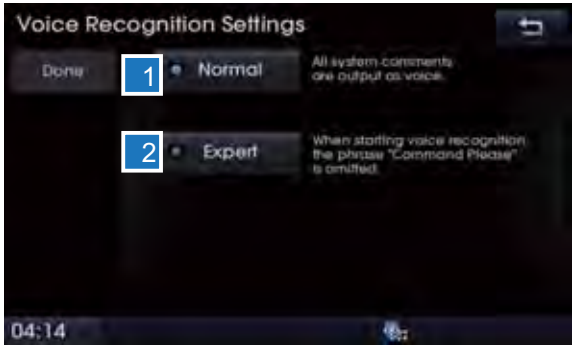
Name	Description
1 Data Radio ID	Check information on XM traffic data service activation and activation ID
2 Display Traffic and Flow Data on Map	Sets whether to display real-time traffic information on map
3 Voice Prompt for Traffic and Flow Warning	Sets whether to receive voice prompts for real-time traffic information and conditions
4 Provide Re-Routing Options	Sets whether to use re-routing options by reflecting traffic conditions

Information

• XM Traffic Data service requires a separate subscription. To subscribe to this service, please contact the number displayed on the screen.

Voice Recognition Settings

Press the [SETUP] key ▶ Press |■ Voice Recognition ▶ Set and press |Done|



This menu is used to set voice recognition mode between Normal and Expert mode.

	Description
1 Normal	When using voice recognition, provides detailed prompts and is suited for beginner users
2 Expert	When using voice recognition, omits certain prompts and is suited for experienced users

Clock Settings

Press the [SETUP] key ▶Press |■Clock|

Clock Setting

Press |Time| ▶ Set and press |Done|

This menu is used to set the time used within the Navigation system.

Name	Description
1 GPS Time	Displays time according to the received GPS time
2 Daylight Saving Time	Turns on/off daylight saving time feature
3 Time Format	Converts the time system shown when within digital clock between 12 hour / 24 hours

Information

• When Daylight Savings Time is turned on, the clock is moved back one hour.

View

Press |■Clock| ▶ Press |View| ▶ Set and press |Done|

This menu is used to set the clock type and date display within the Navigation system.

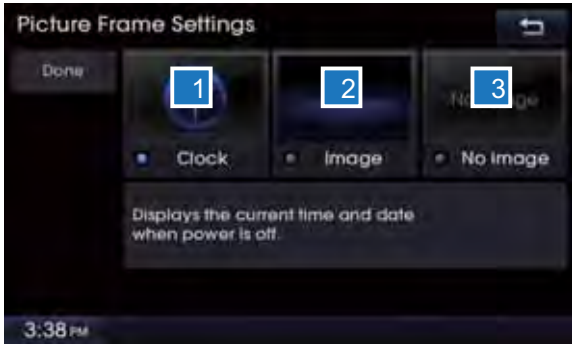
Name	Description
1 Clock Type	Changes Clock Type (Digital/ Analog)
2 Date Display	Sets whether to display date within Clock screen

Caution

• The time may not be properly displayed if the GPS time is not connected

Picture Frame

Press the [SETUP] key ▶ Press |■Picture Frame| ▶ Set and Press |Done|



This menu is used to select the screen displayed when the system power is turned off

Name	Description
1 Clock	Displays the clock on the screen when the system power is turned off
2 Image	Displays an image when the system power is turned off.
3 No Image	No image is displayed when the system power is turned off

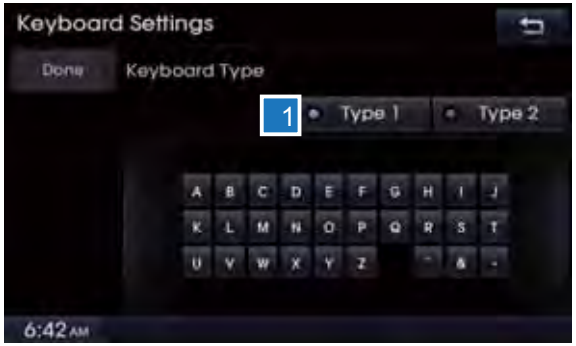
Information

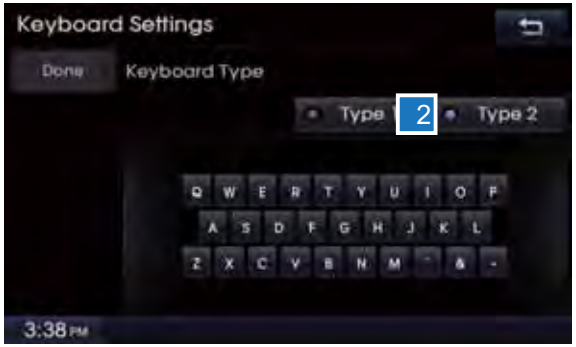
• When the picture frame is set to “Image', images saved within a USB can be as the picture frame by pressing the |Browse| button.

Using Setup

Keyboard

Press the [SETUP] key ▶ Press |■Keyboard| ▶ Set and press |Done|





This option allows you to change the type of keyboard used within the system.

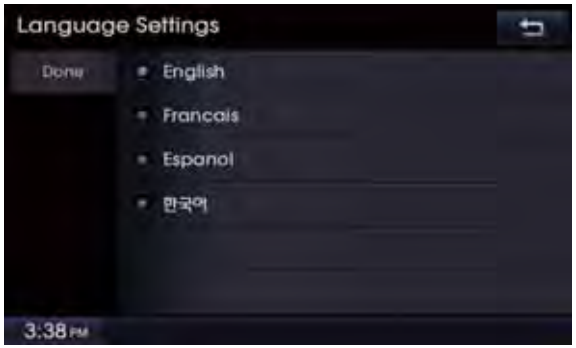
Name	Description
1 ABC	Keyboard with characters arranged in order
2 QWERTY	Keyboard similar to the one used within a computer

Information

• The set keyboard will be applied to all input modes across the entire system.

Language

Press the |■Language| ▶ Set and Press |Done|



This menu is used to set the language of the system display and voice language. You can select the desired language from English, French, Spanish and Korean.

System Update

Press the [SETUP] key ▶ Press |■System Update| ▶ Press |Update|▶ |OK|

After inserting the SD card with the update file, press OK to start the update.
Once updating is complete, the system will automatically restart.

Information

- This product requires regular updates for software corrections, new functions and map updates. Updating may require up to 1 hour depending on the data size.
- Turning off the power or ejecting the SD card during the update process may result in data loss. Make sure to keep the ignition on and wait until updating is complete.
- Map and software updates can be downloaded from the designated website (http://www.hyundaiusa.com) and updated through the SD card.

Caution

- Please use only the SD card that was included with the vehicle purchase.
- The use of a separately purchased SD card may result in damage due to heat related deformation.
- Product malfunctions caused by the use of separately purchased SD cards shall not be covered within the product warranty.
- Repeatedly connecting/disconnecting the SD card in a short period of time may cause damage to the device.

Display Off

Press the [SETUP] key ▶ Press |■ Display Off|

Press the |■Display Off| button to turn off the display. Touch anywhere on the touch screen to turn the display back on.

Information

- This feature is used to listen to only sound and can be very helpful in preventing glare from the screen when driving at night.
- Even when the display is off, sound will be played.

9 Appendix

- Product Specification
- Before thinking the product has malfunctioned
- Before thinking there is a product defect
- Troubleshooting
- FAQ

Hyundai MOBIS

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Appendix

Product Specification

DOLBY

Manufactured under license from Dolby Laboratories. Dolby and double-D symbol are trademarks of Dolby Laboratories.

DTS

Manufactured under license under U.S. Patent No.: 5,956,674; 5,974,380; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS, the Symbol, & DTS and the Symbol together are registered trademarks & DTS Digital Surround and the DTS logos are trademarks of DTS, Inc. Product includes software.
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TFT-LCD

Screen Size	Navigation Device - 17.78cm (152.4 x 91.44mm)
Resolution	Navigation Device - 384,000 pixels (Resolution: 800 x 480)
Operating Method	TFT(Thin Film Transistor) Active Matrix
Viewing Angle	Navigation Device - left/right: 70º, Top: 60º, Bottom 50º
Internal Lighting	LED 14EA, UP/DOWN Assignment

Radio

Channels	FM: 87.5MHz ~ 108.0MHz(Step: 100kHz)		
	AM: 531kHz ~ 1602kHz(Step: 9kHz)		
Sensitivity	FM: Under 10dBu /AM: Under 40dBu		
Distortion Factor	Within 2%	Speakers	2 ~ 8 Ω

Integrated Antenna

Operating temperature	-30℃ ~ +85℃	Storage temperature	-40℃ ~ +105℃
Dimensions	78.7mm(W) x 70.8mm(H) x 153.2mm(L)		
Weight	210g		

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Appendix

Common

Name	Car TFT LCD Display Navigation Unit		
Power Supply	DC 14.4V	Operating Power	DC 9V ~ DC 16V
Current consumption	2.5A	Dark Current	2mA (Head Unit Only)
Operating Temperature	-20º ~ 70º	Storage Temperature	-30℃ ~ +80℃
Dimensions	221.8mm(W) x 171mm(H) x 225mm(D)		
Weight	2.7 Kg		

Bluetooth

Frequency Range	2402 ~ 2480 MHz	Supported Bluetooth Specification	2.1 + EDR
Supported Profile	Handsfree(1.5), A2DP(1.0), AVRCP(1.3), PBAP(1.0)		
Output	0.05mW	Transmission	F1E, G1E
No. of Channels	79 Channels		

Caution

• The producer and installer cannot provide services related to life safety as the concerned radio equipment is liable to radio interference.

KCC Certification

Device Name	Low-power wireless communication device (wireless device for radio data communication)
Model Name	AV310DMDG
Certification Number	Certification No. : KCC-CMM-HMO-AV310DMDG
Company Name	Hyundai Mobis
Manufacturer/ Country	Hyundai Mobis/Republic of Korea

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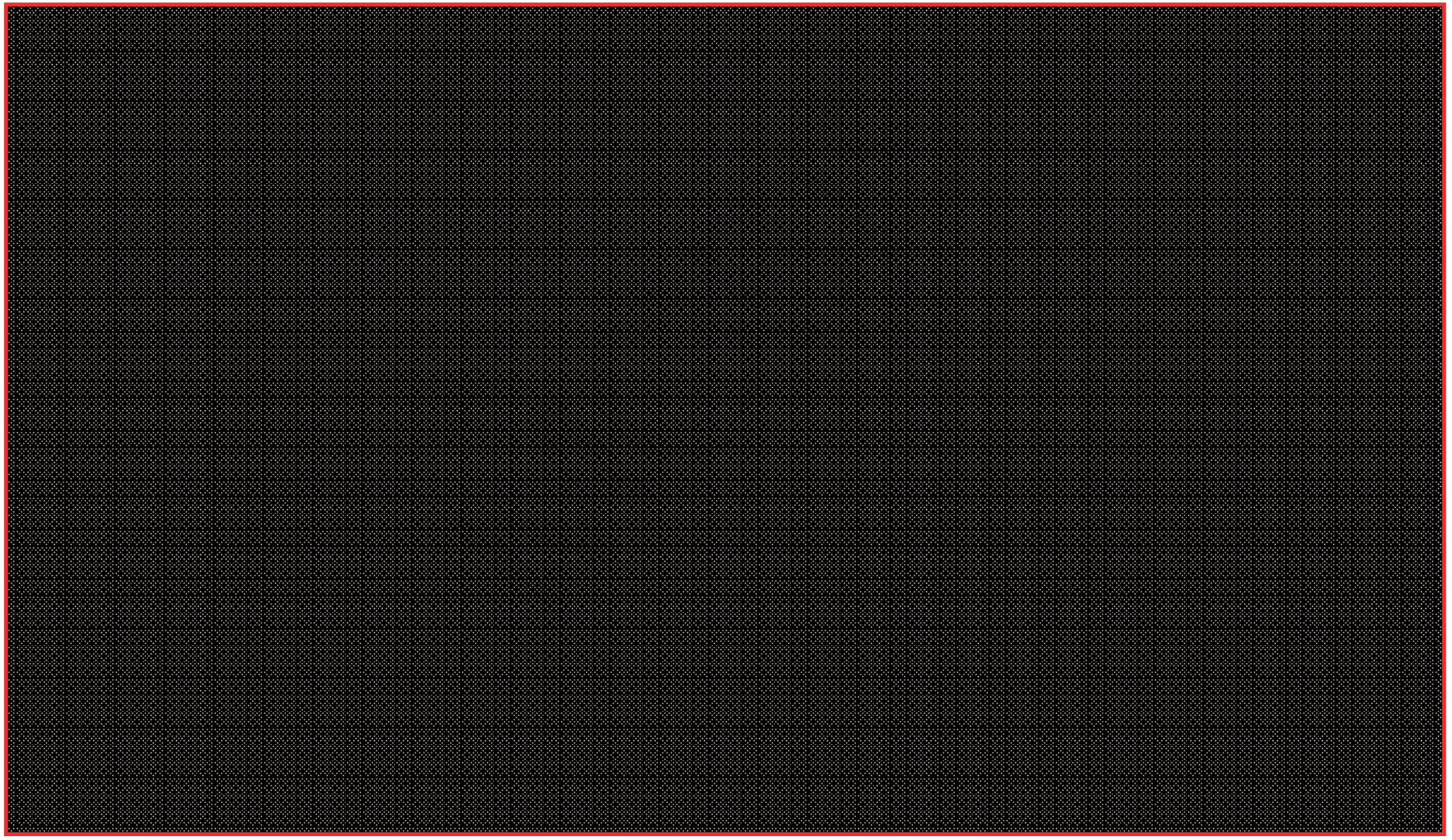
Appendix



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Before thinking there is a product defect

The current position as shown on the navigation may differ from the actual position under the following conditions.

The following occurrences are not malfunctions	
• When driving on Y-shaped roads with narrow angles the current position may be displayed in the opposite direction. • The current position may be displayed on the opposite side of the road. • Within city streets, the current position may be displayed on the opposite side or on an off-road position. • When changing the zoom level from maximum to a different level, the current position may become displayed on a different road. • If the vehicle is loaded onto a ferry or a car transport vehicle, the current position may become stalled on the last position prior to loading. • When driving on a spiral-shaped road. • When driving in mountain regions with sharp turns or sudden brakes • When entering a road after passing an underground parking structure, building parking structure, or roads with many rotations. • When driving in heavy traffic with frequent go/stops.	• When driving under slippery conditions, such as heavy sand, snow, etc. • When driving on spiral-shaped roads • When the tires have recently been replaced. (Especially upon use of spare or studless tires) • When using tires of improper size. • When the tire pressure for the 4 tires are different. • When the replacement tire is worn or used. (Especially studless tires having passed a 2nd seasons) • When driving near high-rise buildings. • When a roof carrier has been installed. • When a long distance route is calculated while driving on an expressway. In such cases, continued driving will automatically enable the system to conduct map matching or use updated GPS information to provide the current position. (In such cases, up to several minutes may be required.)

Correct route guidance may not occur due to search conditions or driving position.

The following occurrences are not malfunctions	
• Guidance to go straight may be given while driving on a straight road. • Guidance may not be given even when having turned at an intersection. • There are certain intersections in which guidance may not occur. • A route guidance signaling for a u-turn may occur in some No u-turn intersections.	• Route guidance signaling entrance into a No-entry zone may occur. (No enter zone, road under construction, etc.) • Guidance may be given to a position that is not the actual destination if roads to reach the actual destination do not exist or are too narrow. • Faulty voice guidance may be given if the vehicle breaks away from the designated route. (ex: if a turn is made at an intersection while the navigation provided guidance to go straight)

The following may occur after conducting route calculation

The following occurrences are not malfunctions	
• Guidance may be given to a position differing from the current position when turning at an intersection. • When driving in high speeds, route recalculation may take a longer period of time. • Route guidance signaling for a u-turn may occur in some No u-turn intersections.	• Route guidance signaling entrance into a no enter zone many occur. (No enter zone, road under construction, etc.) • Guidance may be given to a position removed from the actual destination if roads to reach the actual destination do not exist or are too narrow. • Faulty voice guidance may be given if the vehicle breaks away from the designated route. (ex: if a turn is made at an intersection while the navigation provided guidance to go straight)

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Appendix

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 HYUNDAI dealer.

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	• 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	• 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	• 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 nearest HYUNDAI dealer for assistance.
Sound is working from only one speaker	• Is the position of FAL/BAL sound controls or volume adjusted to only one side?
Sound and video does not work in AUX mode	• re 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?

Problem	Function
Upon turning power on, the most recent mode screen is not displayed	Within modes that play files by reading external sources, such as discs, USB, iPod, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load. • If there is no disc or the corresponding device is not connected, the mode operated prior to the most recent mode will operate. • If the previous mode still cannot be properly played, the mode operated prior to that will operate.

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Troubleshooting

Problem	Possible Cause	Countermeasure
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
The system 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 away dirt and other foreign substances from the disc
	The vehicle battery is Low	• Charge the battery. If the problem persists, contact your point of purchase or service center
	A disc not supported by the device has been Inserted	• Insert a disc which is supported by the device
	[redacted]	

Problem	Possible Cause	Countermeasure
The image color/tone quality is low	The brightness, saturation, hue, and contrast levels are not set properly	• Properly adjust the brightness, saturation, hue, and contrast levels through Display Setup
[redacted]		
Sound does not work	• The volume level is set the lowest level. • The connection is not proper • The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode	• Adjust the volume level • Check to see that the device has been properly connected • 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	• The disc is dirty or scratched • Vibration is occurring from where the conversion switch has been installed • Image color/tone quality is low	• 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 vibrates. • The device will return to normal once vibrations stop

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Appendix

Problem	Possible Cause	Countermeasure
[redacted]		

Problem	Possible Cause	Countermeasure
The USB does not work	• USB memory is damaged.	• Please use after formatting the USB into FAT 12/16/32 format.
	• USB memory has been contaminated.	• Remove any foreign substances on the contact surface of the USB memory and multimedia terminal.
	• A separately purchased USB HUB is being used.	• Directly connect the USB memory with the multimedia terminal on the vehicle.
	• A USB extension cable is being used.	• Directly connect the USB memory with the multimedia terminal on the vehicle.
	• A USB which is not a Metal Cover Type USB Memory is being used	• Use standard USB Memory.
	• An HDD type, CF, SD Memory is being used.	• Use standard USB Memory.
	• There are no music files which can be played.	• 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	• There are no titles which can be played.	• Use iTunes to download and save MP3 files into the iPod.
	• The iPod firmware version has not been properly updated.	• Use iTunes to update the firmware version and reconnect the iPod with the device.
	• The iPod device does not recognize downloads.	• Reset the iPod and reconnect with the device.

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Information

• While operating the device, if an abnormality occurs that cannot be corrected with the above described measures, press the [RESET] key to reset the system.
• press and hold the [RESET] key (over 0.8 seconds). The device power will turn off and the system will reset.

FAQ

About pairing mobile phones

Q I cannot pair my mobile phone. What is the cause?
A Check to see that the mobile phone supports Bluetooth® function. If your phone is a Bluetooth® phone, then check to see whether the Bluetooth setting within your phone been is set to 'Hidden'. If the device is set to hidden, please un-hide the device (set to unhidden state).

Q What is the difference between pairing a mobile phone and connecting a mobile phone?
A Pairing occurs through authenticating the head unit and mobile phone. Mobile phones paired to the head unit can be connected and disconnected until the paired mobile phone is deleted from the system. Bluetooth® Handsfree features, such as making/answering calls or managing Contacts, are supported only in mobile phones connected with the head unit.

Q What is a Passkey?
A A passkey is the password used to authenticate the connection between the head unit and mobile phone. The passkey only needs to be entered once when pairing the mobile phone for the first time. The initial passkey is 0000. The passkey can be changed by pressing [SETUP] ▶ |■Bluetooth| ▶ |■Advanced Settings| ▶ |■Change Passkey| menu.

About making/answering phone calls

Q How can I answer a call?
A When there is an incoming call, a notification pop-up will become displayed. To answer the incoming call, press the |Accept| button on the screen or the [☎] key on the steering remote controller.
To reject the call, press the |Reject| button on the screen or press and hold the [☎] key on the steering remote controller.

Q What should I do if I am talking on the Handsfree but want to switch the call to the mobile phone?
A While one a call, press and hold (over 0.8 seconds) the [☎] key on the steering remote controller or press the |■Private| button at the bottom of the Phone screen to switch the call to your mobile phone.

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About Bluetooth® / Head unit use environment

Q What is the distance in which wireless connection can be used?
A The wireless connection can be used within 15 yards.

Q How many mobile phones can be paired?
A It is possible to pair up to five mobile phones.

Q What does call quality sometimes worsen?
A Check the reception sensitivity of the mobile phone when call quality becomes worsened. The call quality may deteriorate when the signal strength is low. Call quality may also worsen if metal objects, such as drink cans, are placed near the mobile phone. Check to see if there are metal objects in the vicinity of the mobile phone. The call sound and quality may differ depending on the type of mobile phone.

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9 Appendix

- Product Specification
- Before thinking the product has malfunctioned
- Before thinking there is a product defect
- Troubleshooting
- FAQ

Hyundai MOBIS

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Product Specification

DOLBY

Manufactured under license from Dolby Laboratories. Dolby and double-D symbol are trademarks of Dolby Laboratories.

DTS

Manufactured under license under U.S. Patent No.: 5,956,674; 5,974,380; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS, the Symbol, & DTS and the Symbol together are registered trademarks & DTS Digital Surround and the DTS logos are trademarks of DTS, Inc. Product includes software.
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TFT-LCD

Screen Size	Navigation Device - 17.78cm (152.4 x 91.44mm)
Resolution	Navigation Device - 384,000 pixels (Resolution: 800 x 480)
Operating Method	TFT(Thin Film Transistor) Active Matrix
Viewing Angle	Navigation Device - left/right: 70º, Top: 60º, Bottom 50º
Internal Lighting	LED 14EA, UP/DOWN Assignment

Radio

Channels	FM: 87.5MHz ~ 108.0MHz(Step: 100kHz)		
	AM: 531kHz ~ 1602kHz(Step: 9kHz)		
Sensitivity	FM: Under 10dBu /AM: Under 40dBu		
Distortion Factor	Within 2%	Speakers	2 ~ 8 Ω

Integrated Antenna

Operating temperature	-30℃ ~ +85℃	Storage temperature	-40℃ ~ +105℃
Dimensions	78.7mm(W) x 70.8mm(H) x 153.2mm(L)		
Weight	210g		

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Appendix

Common

Name	Car TFT LCD Display Navigation Unit		
Power Supply	DC 14.4V	Operating Power	DC 9V ~ DC 16V
Current consumption	2.5A	Dark Current	2mA (Head Unit Only)
Operating Temperature	-20º ~ 70º	Storage Temperature	-30℃ ~ +80℃
Dimensions	221.8mm(W) x 171mm(H) x 225mm(D)		
Weight	2.7 Kg		

Bluetooth

Frequency Range	2402 ~ 2480 MHz	Supported Bluetooth Specification	2.1 + EDR
Supported Profile	Handsfree(1.5), A2DP(1.0), AVRCP(1.3), PBAP(1.0)		
Output	0.05mW	Transmission	F1E, G1E
No. of Channels	79 Channels		

Caution

• The producer and installer cannot provide services related to life safety as the concerned radio equipment is liable to radio interference.

KCC Certification

Device Name	Low-power wireless communication device (wireless device for radio data communication)
Model Name	AV310DMDG
Certification Number	Certification No. : KCC-CMM-HMO-AV310DMDG
Company Name	Hyundai Mobis
Manufacturer/ Country	Hyundai Mobis/Republic of Korea

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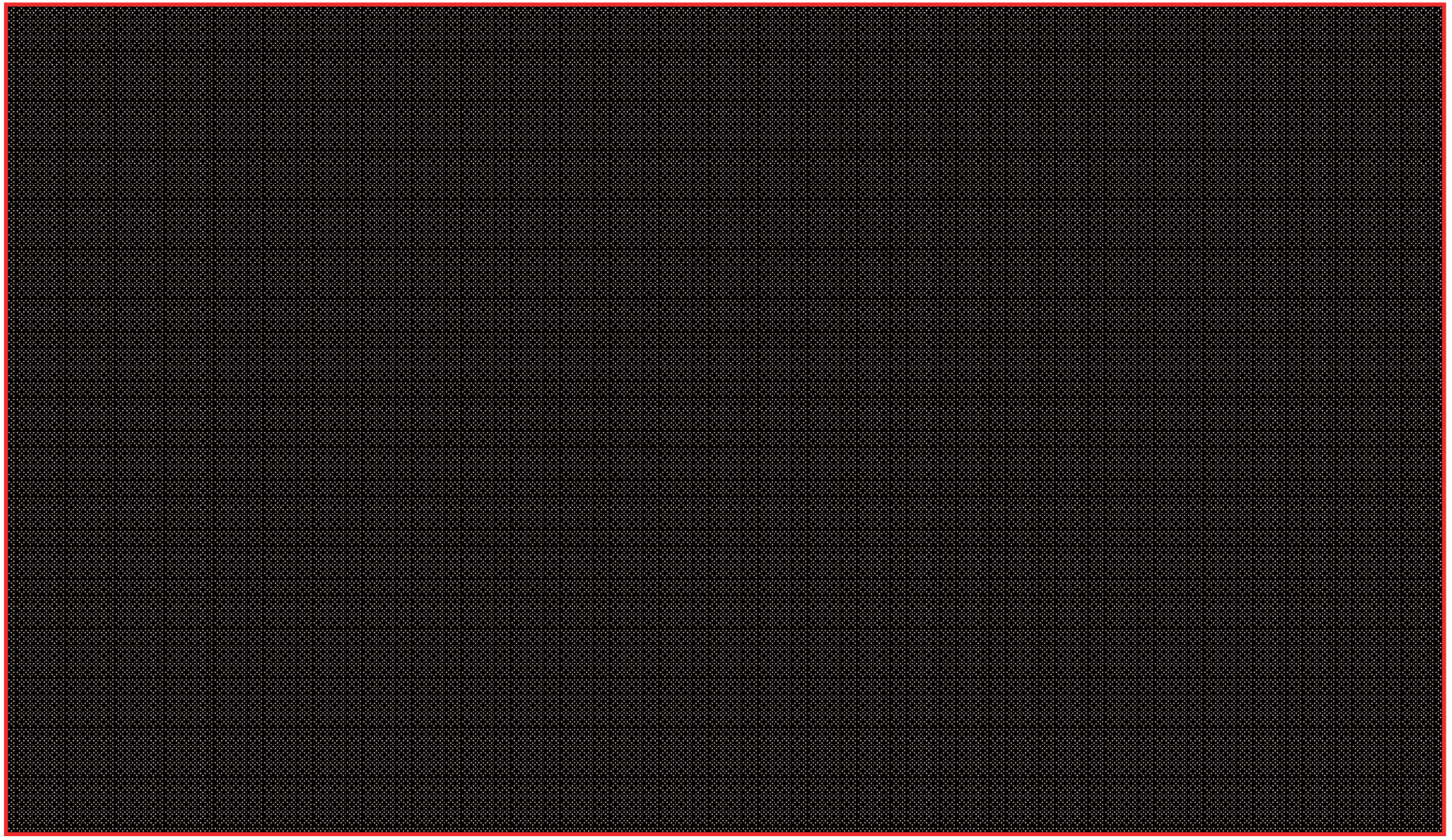

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Before thinking there is a product defect

The current position as shown on the navigation may differ from the actual position under the following conditions.

The following occurrences are not malfunctions	
• When driving on Y-shaped roads with narrow angles the current position may be displayed in the opposite direction. • The current position may be displayed on the opposite side of the road. • Within city streets, the current position may be displayed on the opposite side or on an off-road position. • When changing the zoom level from maximum to a different level, the current position may become displayed on a different road. • If the vehicle is loaded onto a ferry or a car transport vehicle, the current position may become stalled on the last position prior to loading. • When driving on a spiral-shaped road. • When driving in mountain regions with sharp turns or sudden brakes • When entering a road after passing an underground parking structure, building parking structure, or roads with many rotations. • When driving in heavy traffic with frequent go/stops.	• When driving under slippery conditions, such as heavy sand, snow, etc. • When driving on spiral-shaped roads • When the tires have recently been replaced. (Especially upon use of spare or studless tires) • When using tires of improper size. • When the tire pressure for the 4 tires are different. • When the replacement tire is worn or used. (Especially studless tires having passed a 2nd seasons) • When driving near high-rise buildings. • When a roof carrier has been installed. • When a long distance route is calculated while driving on an expressway. In such cases, continued driving will automatically enable the system to conduct map matching or use updated GPS information to provide the current position. (In such cases, up to several minutes may be required.)

Correct route guidance may not occur due to search conditions or driving position.

The following occurrences are not malfunctions	
• Guidance to go straight may be given while driving on a straight road. • Guidance may not be given even when having turned at an intersection. • There are certain intersections in which guidance may not occur. • A route guidance signaling for a u-turn may occur in some No u-turn intersections.	• Route guidance signaling entrance into a No-entry zone may occur. (No enter zone, road under construction, etc.) • Guidance may be given to a position that is not the actual destination if roads to reach the actual destination do not exist or are too narrow. • Faulty voice guidance may be given if the vehicle breaks away from the designated route. (ex: if a turn is made at an intersection while the navigation provided guidance to go straight)

The following may occur after conducting route calculation

The following occurrences are not malfunctions	
• Guidance may be given to a position differing from the current position when turning at an intersection. • When driving in high speeds, route recalculation may take a longer period of time. • Route guidance signaling for a u-turn may occur in some No u-turn intersections.	• Route guidance signaling entrance into a no enter zone many occur. (No enter zone, road under construction, etc.) • Guidance may be given to a position removed from the actual destination if roads to reach the actual destination do not exist or are too narrow. • Faulty voice guidance may be given if the vehicle breaks away from the designated route. (ex: if a turn is made at an intersection while the navigation provided guidance to go straight)

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Appendix

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 HYUNDAI dealer.

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	• 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	• 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	• 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 nearest HYUNDAI dealer for assistance.
Sound is working from only one speaker	• Is the position of FAL/BAL sound controls or volume adjusted to only one side?
Sound and video does not work in AUX mode	• re 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?

Problem	Function
Upon turning power on, the most recent mode screen is not displayed	Within modes that play files by reading external sources, such as discs, USB, iPod, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load. • If there is no disc or the corresponding device is not connected, the mode operated prior to the most recent mode will operate. • If the previous mode still cannot be properly played, the mode operated prior to that will operate.

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Troubleshooting

Problem	Possible Cause	Countermeasure
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
The system 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 away dirt and other foreign substances from the disc
	The vehicle battery is Low	• Charge the battery. If the problem persists, contact your point of purchase or service center
	A disc not supported by the device has been Inserted	• Insert a disc which is supported by the device
	[redacted]	

Problem	Possible Cause	Countermeasure
The image color/tone quality is low	The brightness, saturation, hue, and contrast levels are not set properly	• Properly adjust the brightness, saturation, hue, and contrast levels through Display Setup
[redacted]		
Sound does not work	• The volume level is set the lowest level. • The connection is not proper • The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode	• Adjust the volume level • Check to see that the device has been properly connected • 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	• The disc is dirty or scratched • Vibration is occurring from where the conversion switch has been installed • Image color/tone quality is low	• 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 vibrates. • The device will return to normal once vibrations stop

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Problem	Possible Cause	Countermeasure
[redacted]		

Problem	Possible Cause	Countermeasure
The USB does not work	• USB memory is damaged.	• Please use after formatting the USB into FAT 12/16/32 format.
	• USB memory has been contaminated.	• Remove any foreign substances on the contact surface of the USB memory and multimedia terminal.
	• A separately purchased USB HUB is being used.	• Directly connect the USB memory with the multimedia terminal on the vehicle.
	• A USB extension cable is being used.	• Directly connect the USB memory with the multimedia terminal on the vehicle.
	• A USB which is not a Metal Cover Type USB Memory is being used	• Use standard USB Memory.
	• An HDD type, CF, SD Memory is being used.	• Use standard USB Memory.
	• There are no music files which can be played.	• 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	• There are no titles which can be played.	• Use iTunes to download and save MP3 files into the iPod.
	• The iPod firmware version has not been properly updated.	• Use iTunes to update the firmware version and reconnect the iPod with the device.
	• The iPod device does not recognize downloads.	• Reset the iPod and reconnect with the device.

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Information

• While operating the device, if an abnormality occurs that cannot be corrected with the above described measures, press the [RESET] key to reset the system.
• press and hold the [RESET] key (over 0.8 seconds). The device power will turn off and the system will reset.

FAQ

About pairing mobile phones

Q I cannot pair my mobile phone. What is the cause?
A Check to see that the mobile phone supports Bluetooth® function. If your phone is a Bluetooth® phone, then check to see whether the Bluetooth setting within your phone been is set to 'Hidden'. If the device is set to hidden, please un-hide the device (set to unhidden state).

Q What is the difference between pairing a mobile phone and connecting a mobile phone?
A Pairing occurs through authenticating the head unit and mobile phone. Mobile phones paired to the head unit can be connected and disconnected until the paired mobile phone is deleted from the system. Bluetooth® Handsfree features, such as making/answering calls or managing Contacts, are supported only in mobile phones connected with the head unit.

Q What is a Passkey?
A A passkey is the password used to authenticate the connection between the head unit and mobile phone. The passkey only needs to be entered once when pairing the mobile phone for the first time. The initial passkey is 0000. The passkey can be changed by pressing [SETUP] ▶ |■Bluetooth| ▶ |■Advanced Settings| ▶ |■Change Passkey| menu.

About making/answering phone calls

Q How can I answer a call?
A When there is an incoming call, a notification pop-up will become displayed. To answer the incoming call, press the |Accept| button on the screen or the [☎] key on the steering remote controller.
To reject the call, press the |Reject| button on the screen or press and hold the [☎] key on the steering remote controller.

Q What should I do if I am talking on the Handsfree but want to switch the call to the mobile phone?
A While one a call, press and hold (over 0.8 seconds) the [☎] key on the steering remote controller or press the |■Private| button at the bottom of the Phone screen to switch the call to your mobile phone.

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About Bluetooth® / Head unit use environment

Q What is the distance in which wireless connection can be used?
A The wireless connection can be used within 15 yards.

Q How many mobile phones can be paired?
A It is possible to pair up to five mobile phones.

Q What does call quality sometimes worsen?
A Check the reception sensitivity of the mobile phone when call quality becomes worsened. The call quality may deteriorate when the signal strength is low. Call quality may also worsen if metal objects, such as drink cans, are placed near the mobile phone. Check to see if there are metal objects in the vicinity of the mobile phone. The call sound and quality may differ depending on the type of mobile phone.

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8 Setup

- Setup
- Using Setup

Setup

Basic Mode Screen

Name	Description
1 Sound	Sets sound related settings
2 Display	Sets display related settings
3 HD Radio	Sets HD Radio related settings
4 Bluetooth®	Sets Bluetooth® related settings
5 Navigation	Sets various settings found within Navigation mode
6 Edit My Places	Set/Edit My Places within Navigation Mode
7 Traffic	Sets Traffic Information related settings
8 Voice Recognition	Sets voice recognition related settings
9 Clock	Sets current time and clock display
10 Picture Frame	Sets screen displayed when device is turned off
11 Keyboard	Sets the keyboard type
12 Language	Sets language for use within the device
13 System Update	Checks system software version and receive updates
14 Display Off	Turn device display on/off (The device power will not be turned off)
15 Close	Close Setup menu screen

Starting Mode

Press the [SETUP] key to can check and change the settings for all features found within the Navigation system.

Sound

Press the [SETUP] key ▶ Press |■Sound|

Setting Balance/Fader

Press the |■Sound| button ▶ Press |Fader/Balance| ▶ Set and press |Done|

Use the |▲|, |▼|, |◀|, |▶| buttons to move the cursor on the control screen to the desired position.

Press |Default| to restore sound to the center position.

Information

The Balance/Fader settings allows you to set the sound position. For example, you can set the sound close to the driver-seat so that the volume is relatively lower in the passenger or rear seats.

Setting Bass/Mid/Treble

Press the |■Sound| button ▶ Press |Bass/Mid/Treble| ▶ Set and press |Done|

Use the |◀| or |▶| buttons to adjust the Bass/Mid/Treble settings.

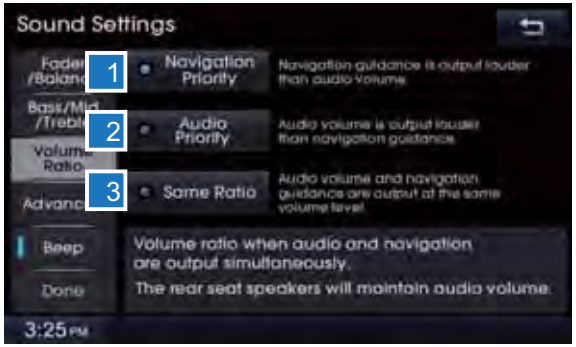
Information

• Press the |Default| button to restore the Bass/Mid/Treble to the center position.

파트

Setting Volume Ratio

Press the |■Sound| button ▶ Press |Volume Ratio| ▶ Set and press |Done|



These options are used to set the volume ratio by selecting from Navigation Priority/ Audio Priority/Same Ratio.

Name	Description
1 Navigation Priority	Navigation guidance is output louder than audio Volume
2 Audio Priority	Audio volume is output louder than the navigation guidance.
3 Same Ratio	Audio volume and navigation guidance are output in identical volume

Information

• The rear seat speaker will maintain its audio volume regardless of which volume ratio is selected.

Speed Dependent Volume Control

Press the |■Sound| button ▶ Press |Advanced|▶ Turn the feature |On| ▶ Set and press |Done|

The volume level is controlled automatically according to the vehicle speed.

Setting Beep

Press the |■Sound| button ▶ Press |■Beep| ▶ Set and press |Done|

Each press of this button turns the BEEP tone on/off.

Information

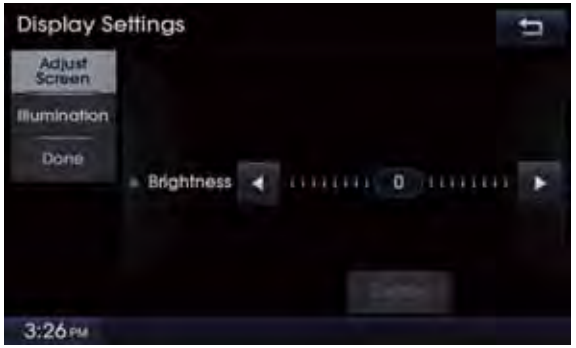
• When the light on the left side of the button is turned on, this indicates that the BEEP tone is active. Press the |■Beep| button again to turn off the BEEP tone.

Display

Press the [SETUP] key ▶ Press |■Display|

Adjusting Screen

Press the |■Display| button ▶ Press |Adjust Screen| ▶ Set and press |Done|



Use the|◀| or |▶| buttons to adjust the display brightness and color.

Setting Illumination

Press the |■Display| button ▶ Press |Illumination|

Name	Description
1 Automatic	Adjusts the brightness automatically according to surrounding brightness
2 Daylight	Always maintains the brightness on high
3 Night	Always maintains the brightness on low

Information

When set to Automatic, the screen brightness and color will automatically be adjusted according to the surrounding brightness.

HD Radio

Press the [SETUP] key ▶ Press |■HD Radio|

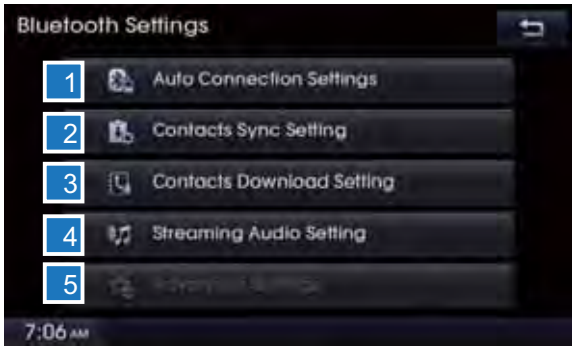
These settings are used to set whether to turn HD Radio On/Off.

Name	Description
1 FM-HD Radio	Used to set FM-HD Radio On/Off
2 AM-HD Radio	Used to set AM-HD Radio On/Off

파트

Bluetooth®

Press the [SETUP] key ▶ Press |■Bluetooth|

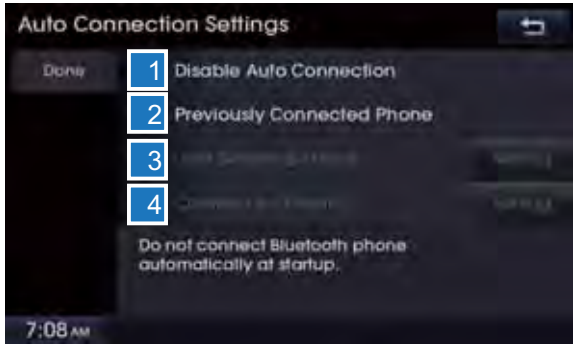


These menus allow you to set Bluetooth® related features.

Name	Description
1 Auto Connection Settings	Sets Bluetooth® device auto connection when car ignition is turned on between the vehicle and Bluetooth® devices
2 Contacts Sync Setting	Automatically downloads the mobile phone contacts and call histories to the car upon connecting Bluetooth®
3 Contacts Download Setting	Sets which Contacts to download from between Mobile or SIM contacts
4 Streaming Audio Setting	Sets whether to use the streaming audio feature
5 Advanced Settings	Sets Bluetooth related settings, including Change Passkey, Change Device Information, Delete Favorites, Delete Call History and Restore Factory Settings

Auto Connection Settings

Press |■Bluetooth| button ▶ Press |Auto Connections Settings| ▶ Set and press |Done|



If auto connection is turned on, a Bluetooth® device will automatically be connected according to the option setting when the car ignition is turned on.

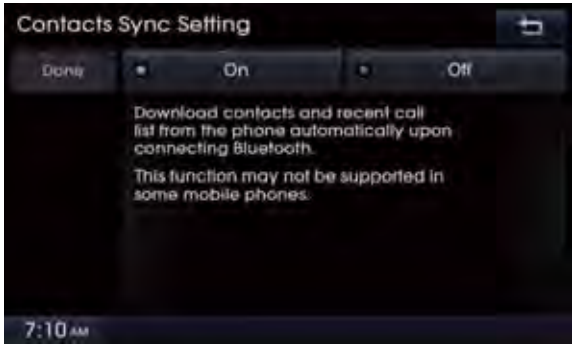
Name	Description
1 Disable Auto Connection	Disables auto connection
2 Previously Connected Phone	Automatically connects the previously connected Bluetooth® device
3 User Selected Phone	Automatically connects to the set Bluetooth® device
4 Connect by Priority	Automatically connects according to the set Bluetooth® phone priority

Information

• If you press the |Setting| button next to the |User Selected Phone| and |Connect by Priority| options, you can designate the phone you want to connect or set the phone priority.

Contacts Sync Setting

Press |■Bluetooth| ▶ Press|■Contacts Sync Setting| ▶ Set and press |Done|



This feature automatically downloads the mobile phone contacts and call histories to the car upon Bluetooth® connection. If you do not wish to use Contacts Sync, turn the feature off.

Information

• This feature may not be supported in some Bluetooth® devices.

Contacts Download Setting

Press |■Bluetooth| ▶ Press|■Contacts Download Setting| ▶ Set and press |Done|

You can select the contacts you wish to download.

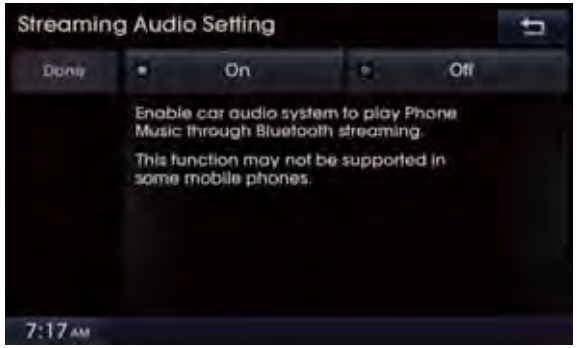
Name	Description
1 Mobile Contacts	Download contacts saved in your mobile phone
2 SIM Contacts	*Download contacts saved in SIM*

Information

• When the mobile phone contacts and SIM contacts are both selected, the mobile phone contacts will be downloaded first.

Streaming Audio Setting

Press |■Bluetooth| ▶ Press|■Streaming Audio Setting| ▶ |Done|



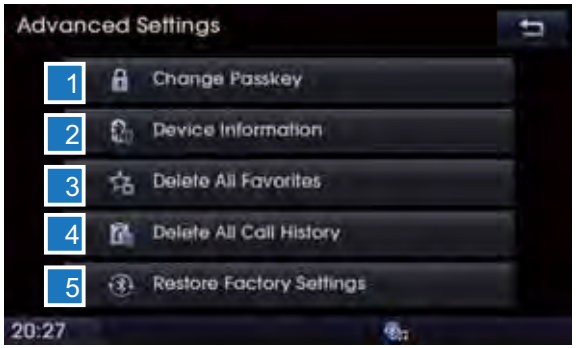
When streaming audio is turned On, you can play music files saved in your Bluetooth® device from the car.

Information

• This feature may not be supported in some Bluetooth® devices

Advanced Settings

Press |■Bluetooth| ▶ Press|■Advanced Settings|



Name	Description
1 Change Passkey	Changes the passkey used to authenticate Bluetooth® Device
2 Device Information	Searches car Bluetooth® device information and change device name
3 Delete All Favorites	Deletes all favorites of connected Bluetooth® Device
4 Delete All Call History	Deletes all call history of connected Bluetooth® Device
5 Restore Factory Settings	Restores Bluetooth® factory state settings

Advanced Settings allow you to control additional Bluetooth® related settings. For safety, first park the vehicle in a safe location to operate these features.

Change Passkey

Press |■Bluetooth| ▶ Press|■Advanced Settings| ▶ Press|■Change Passkey| ▶ Set and press |Done|

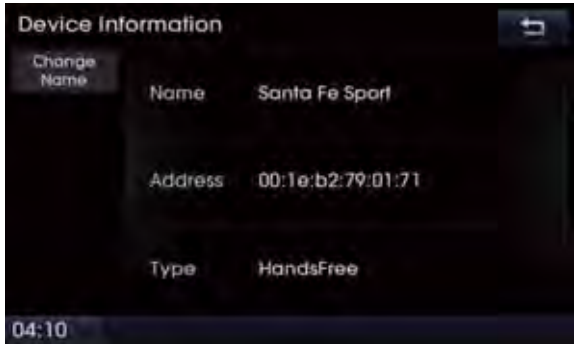
This feature is used to change the passkey required to connect a Bluetooth® device to the car.

Information

• The default passkey is 0000.

Device Information

Press |■Bluetooth| ▶ Press|■Advanced Settings| ▶ Press |■Device Information|



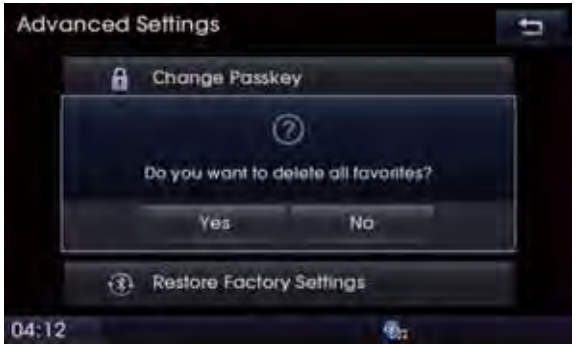
This feature allows you to check device information.

Information

•Press the |Change Name| button to change the name of the device.
• The default car name is set to Santa Fe.
• The device name and address shown in the above is only an example. Check your device for the actual device information.

Delete All Favorites

Press |■Bluetooth| ▶ Press|■Advanced Settings| ▶ Press |■Delete All Favorites|



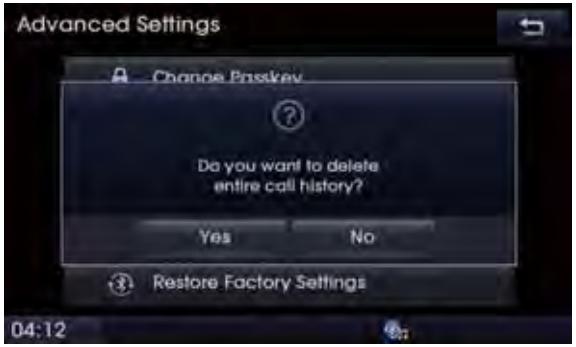
This feature allows you to delete all Favorites saved in the Car Handsfree for the currently connected Bluetooth device.

Information

• If there are no Favorites or a Bluetooth® device is not connected, the |■Delete All Favorites| button will be disabled.

Delete All Call History

Press |■Bluetooth| ▶ Press|■Advanced Settings| ▶ Press |■Delete All Call History|



This feature allows you to delete all call histories saved in the Car Handsfree for the currently connected device.

Information

• If there are no call histories or a Bluetooth® device is not connected, the |■Delete All Call History| button will be disabled.

Restore Factory Settings

Press |■Bluetooth| ▶ Press |■Advanced Settings| ▶ Press |■Restore Factory Settings|

Turning on this feature will erase all paired phones and allows you to restore Bluetooth® related settings and data to the default factory settings.

Information

• The |■Restore Factory Settings| feature cannot be used when a Bluetooth® device is connected. To use this feature, first disconnect the Bluetooth® device.

Navigation

Press the [SETUP] key▶ Press |■Navigation|

Main

Press the |■Navigation| button ▶ Press |Main| ▶ Set and press |Done|

This menu is used to set general navigation options.

Name	Description
1 Unit	Sets whether to display distance as km/mi
2 Estimated Time of	Set whether to display estimated time of arrival or travel on the route info display screen
3 Distance and Time to	Set whether to display distance and time to destination or to waypoint on the route info display screen
4 Display Previous Destinations upon Start-up	Set whether to display the previous destinations popup upon starting system
5 Driving Speed Setting	Set basic info to calculate estimated arrival time to destination or waypoint
6 Auto Search when fuel gauge reads low	Automatically search for gas stations when fuel gauge reads low

Information

• When you have finished with the settings, press the |Done| button to save changes.

Driving Speed Setting

Press the |Edit| button within the “Driving Speed Setting” menu to set the estimated driving speed for residential roads, main streets, and expressways. The set driving speed is applied to calculate the estimated time to reach the destination or waypoint.

The changed driving speed is used to calculate the estimated time until the destination or waypoint.
Press the |Default| button to reset the driving speed settings

Information

• Default Driving Speed Settings for Residential, Main Streets, and Expressways are 20mph, 35mph, and 60mph, respectively.

Display

Press the |■Navigation| button ▶ Press |Display| ▶ Set and press |Done|

This menu is used to set the color of the Route Indicator line displayed when receiving route guidance.

Information

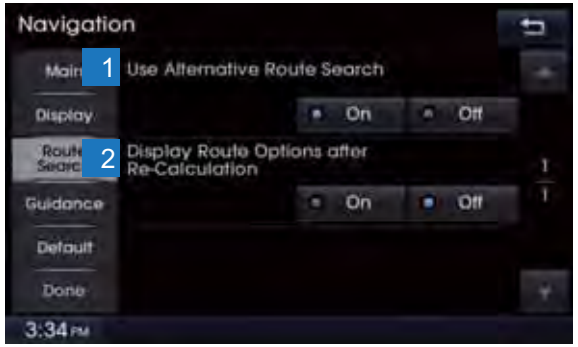
• When you have finished with the settings, press the |Done| button to save changes.

Route Indicator Line

Press the |■Edit| button within the |Route Indicator Line| menu to change the color of the route indicator line.

Route Search

Press the |■Navigation| button ▶ Press |Route Search| ▶ Set and press |Done|



This menu is used to set route search related options.

Name	Description
1 Use Alternative Route Search	Set whether to first display alternative routes upon conducting route search
2 Display Route Options after Re-calculation	Set whether to display the pop-up screen that allows changes to route options upon route recalculation

Using Setup

Guidance

Press the |■Navigation| button ▶ Press the desired |Guidance| ▶ Set and press |Done|

This menu is used to set options on speed alerts and driver alerts.

Name	Description
1 Speed Alert Guidance	Set options related to various camera alerts
2 Driver Alert Guidance	Set options related to speed bumps, curves, and merges

Speed Alert Guidance

To change the |Speed Alert Guidance| option, press the |Edit| button within the “Speed Alert Guidance” menu.

Name	Description
1 Guidance Setup	Sets Alarm sound for speed alerts/ over speeding and speed guidance when volume is muted.
2 Distance Setup	Sets camera guidance alarm distance

Information

• Distance can be set in 0.06mi units.
To initialize settings, press the |Default| button.

Driver Alert Guidance

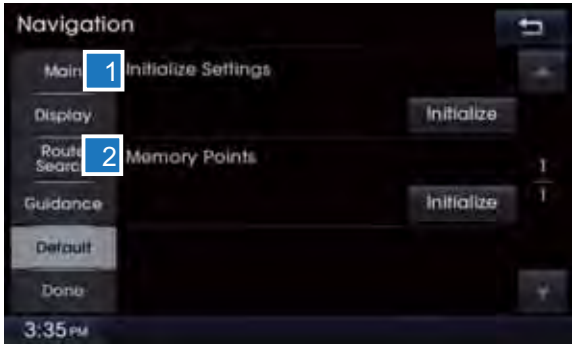
To set the Driver Alert Guidance, option, press the |Edit| button within the “Driver Alert Guidance” menu.

Information

• Alerts provided within Driver Alert Guidance may differ depending on actual road conditions.

Default

Press the |■Navigation| button ▶ Press |Default ▶ Set and press |Done|



This menu is used to reset saved changes and user preferences.

Name	Description
1 Initialize Settings	Resets all settings back to the default state
2 Memory Points	Resets all saved memory point information

Information

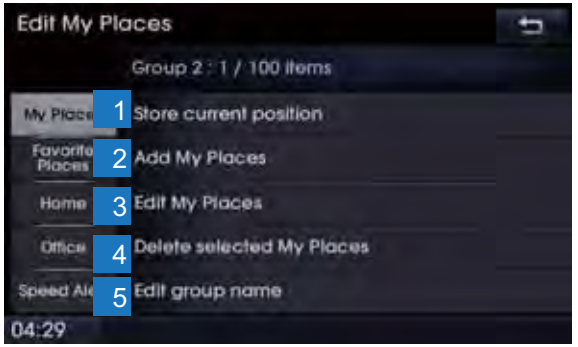
• If the settings of an option are reset, then all settings will be restored to the default factory state.
• Heed caution as Home, Office and other user locations may become deleted.

My Places

Press the [SETUP] key ▶ Press |■Edit My Places|

My Places

Press the |■Edit My Places| button ▶Press |My Place| ▶ Set and press |Done|



From the My Places list, select the desired menu to either add, delete or edit My Places.

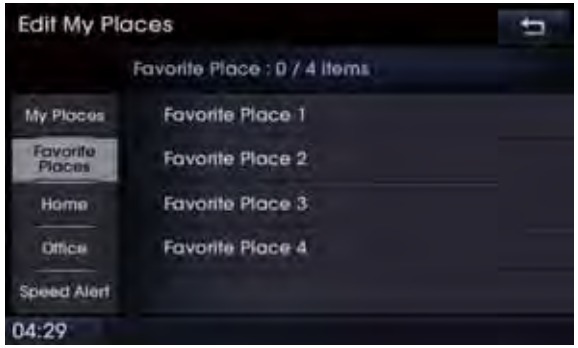
Name	Description
1 Store current Position	Add the current vehicle position as a My Place
2 Add My Places	Add a My Place by using search functions
3 Edit My Places	Edit information pertaining to saved My Places, such as name, location, and telephone number
4 Delete selected My Places	Delete one or all saved My Places
5 Edit Group name	Edit name of corresponding group

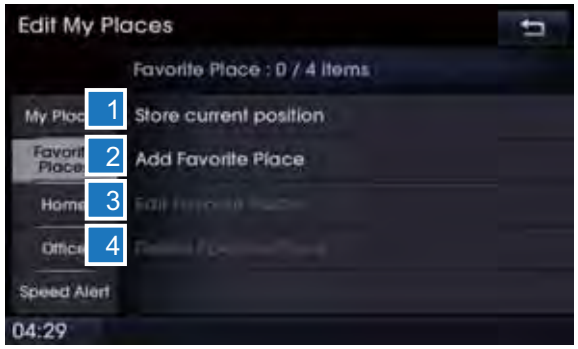
Information

• By default, names of folders have been set as “Group”.

Favorite Places

Press the |■Edit My Places| button ▶Press |Favorite Places| ▶ Set and press |Done|





A total of 4 Favorite Places can be saved. Favorite Places can be selected at the bottom of the Destination Search main screen.

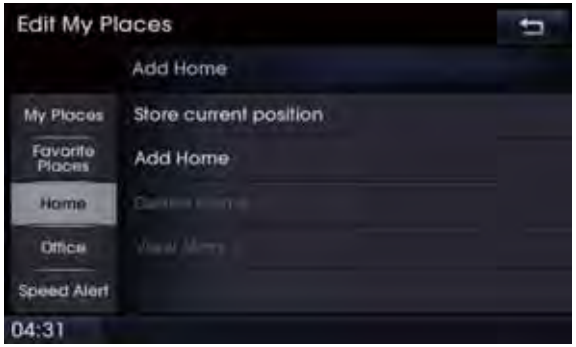
Name	Description
1 Store current Position	Adds the current vehicle position as a Favorite Place
2 Add Favorite Place	Add a Favorite Place by using search functions
3 Edit Favorite Place	Edit information pertaining to saved Favorite Places, such as name, location, and telephone number
4 Delete Favorite Place	Delete one or all saved Favorite Places

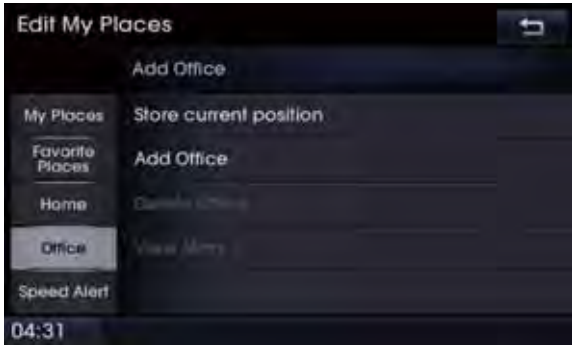
Information

•If Favorite Places have not been added, the |Edit Favorite Place| and |Delete Favorite Place| buttons will be disabled.

Home, Office

Press the |■Edit My Places| button ▶Press |Home| or |Office|





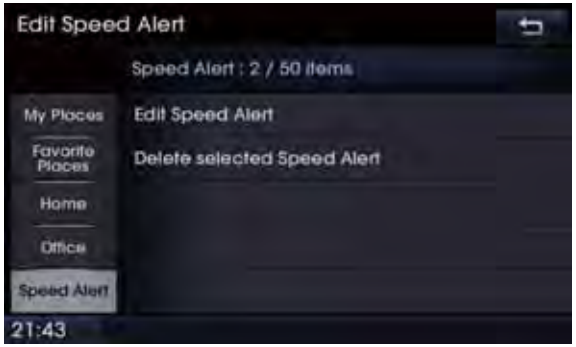
One Home and Office can each be saved. The set Home and Office positions can be selected at the bottom of the Destination Search main screen.

Information

• If the Home and Office has not been set, these buttons will be displayed as disabled within the Destination Search screen.

Speed Alerts

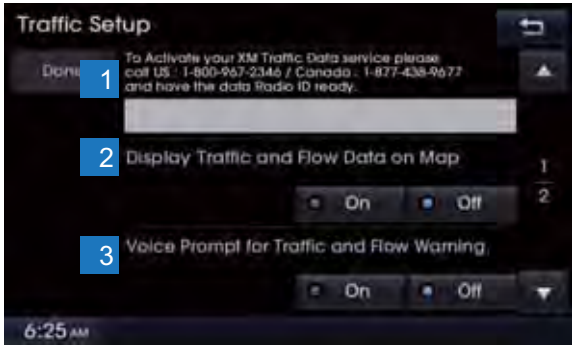
Press the |■Edit My Places| button ▶Press |Speed Alerts| ▶ Set and press |Done|



|등록카메라| 편집화면에서 |명칭|, |위치| 등의 편집이 가능하며 제한속도 및 카메라의 종류 설정, 편집을 할 수 있습니다.

Traffic Setup

Press the [SETUP] key ▶ Press |■ Traffic Setup |



This menu is used to set options related to traffic and flow data, voice prompts, and re-routing options based on traffic conditions.

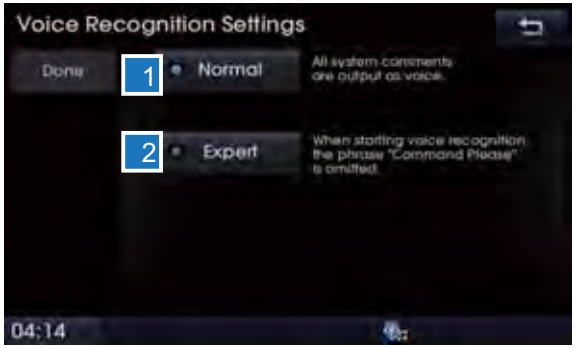
Name	Description
1 Data Radio ID	Check information on XM traffic data service activation and activation ID
2 Display Traffic and Flow Data on Map	Sets whether to display real-time traffic information on map
3 Voice Prompt for Traffic and Flow Warning	Sets whether to receive voice prompts for real-time traffic information and conditions
4 Provide Re-Routing Options	Sets whether to use re-routing options by reflecting traffic conditions

Information

• XM Traffic Data service requires a separate subscription. To subscribe to this service, please contact the number displayed on the screen.

Voice Recognition Settings

Press the [SETUP] key ▶ Press |■ Voice Recognition ▶ Set and press |Done|



This menu is used to set voice recognition mode between Normal and Expert mode.

	Description
1 Normal	When using voice recognition, provides detailed prompts and is suited for beginner users
2 Expert	When using voice recognition, omits certain prompts and is suited for experienced users

Clock Settings

Press the [SETUP] key ▶Press |■Clock|

Clock Setting

Press |Time| ▶ Set and press |Done|

This menu is used to set the time used within the Navigation system.

Name	Description
1 GPS Time	Displays time according to the received GPS time
2 Daylight Saving Time	Turns on/off daylight saving time feature
3 Time Format	Converts the time system shown when within digital clock between 12 hour / 24 hours

Information

• When Daylight Savings Time is turned on, the clock is moved back one hour.

View

Press |■Clock| ▶ Press |View| ▶ Set and press |Done|

This menu is used to set the clock type and date display within the Navigation system.

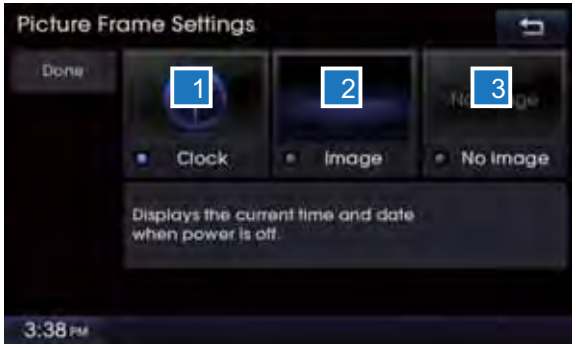
Name	Description
1 Clock Type	Changes Clock Type (Digital/ Analog)
2 Date Display	Sets whether to display date within Clock screen

Caution

• The time may not be properly displayed if the GPS time is not connected

Picture Frame

Press the [SETUP] key ▶ Press |■Picture Frame| ▶ Set and Press |Done|



This menu is used to select the screen displayed when the system power is turned off

Name	Description
1 Clock	Displays the clock on the screen when the system power is turned off
2 Image	Displays an image when the system power is turned off.
3 No Image	No image is displayed when the system power is turned off

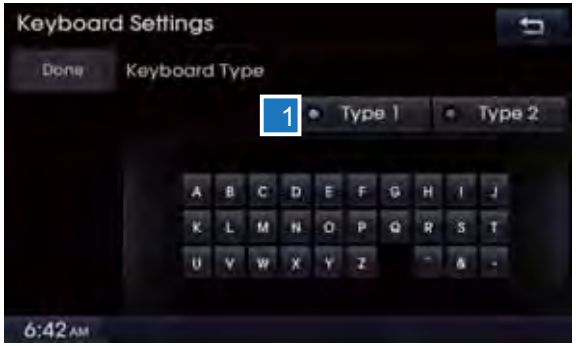
Information

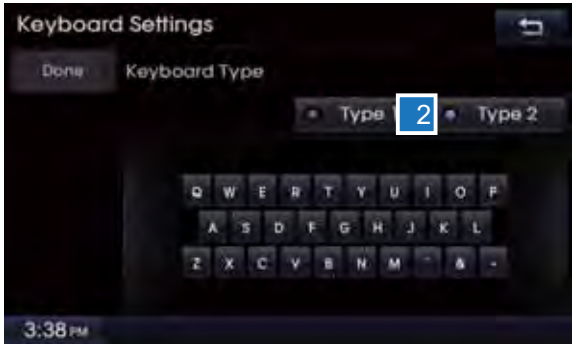
• When the picture frame is set to “Image', images saved within a USB can be as the picture frame by pressing the |Browse| button.

Using Setup

Keyboard

Press the [SETUP] key ▶ Press |■Keyboard| ▶ Set and press |Done|





This option allows you to change the type of keyboard used within the system.

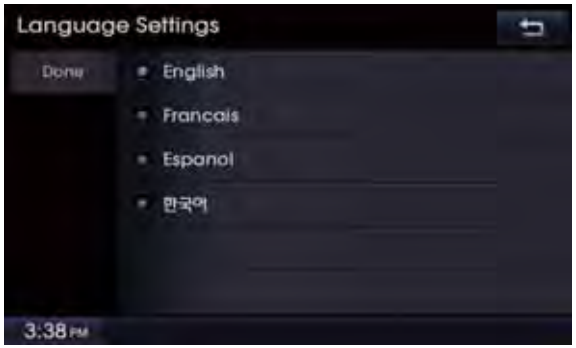
Name	Description
1 ABC	Keyboard with characters arranged in order
2 QWERTY	Keyboard similar to the one used within a computer

Information

• The set keyboard will be applied to all input modes across the entire system.

Language

Press the |■Language| ▶ Set and Press |Done|



This menu is used to set the language of the system display and voice language. You can select the desired language from English, French, Spanish and Korean.

System Update

Press the [SETUP] key ▶ Press |■System Update| ▶ Press |Update|▶ |OK|

After inserting the SD card with the update file, press OK to start the update.
Once updating is complete, the system will automatically restart.

Information

- This product requires regular updates for software corrections, new functions and map updates. Updating may require up to 1 hour depending on the data size.
- Turning off the power or ejecting the SD card during the update process may result in data loss. Make sure to keep the ignition on and wait until updating is complete.
- Map and software updates can be downloaded from the designated website (http://www.hyundaiusa.com) and updated through the SD card.

Caution

- Please use only the SD card that was included with the vehicle purchase.
- The use of a separately purchased SD card may result in damage due to heat related deformation.
- Product malfunctions caused by the use of separately purchased SD cards shall not be covered within the product warranty.
- Repeatedly connecting/disconnecting the SD card in a short period of time may cause damage to the device.

Display Off

Press the [SETUP] key ▶ Press |■ Display Off|

Press the |■Display Off| button to turn off the display. Touch anywhere on the touch screen to turn the display back on.

Information

- This feature is used to listen to only sound and can be very helpful in preventing glare from the screen when driving at night.
- Even when the display is off, sound will be played.

7 Other Features

- Climate Mode
- PGS

Climate Mode

Operating Climate Mode

Press the [CLIMATE] key to display the Climate status bar.

Information

• When operating the Multimedia or Navigation mode, press a Climate related key, such as [TEMP], [AUTO], [A/C] to display the Climate status bar at the top of screen.

Basic Mode Screen

Name	Description
1 Driver-side temperature	Displays the driver-side temperature
2 AUTO Display	Displays whether the heating/cooling auto function is on/off
3 A/C Display	Displays whether the a/c is on/off
4 Fan level Display	Displays the current fan level
5 Fan Direction Display	Displays the set fan direction
6 DUAL Display	Enables the driver/passenger temperature to be set independently
7 Passenger-side temperature	Displays the passenger-side temperature

Climate Mode

Basic Operation

Controlling driver/passenger Temperature simultaneously

Press the [DUAL] key to turn the DUAL setting off.

When DUAL is disabled, the driver-side and passenger-side temperatures are controlled simultaneously.

Information

- The cabin temperature can be adjusted in 0.5℃ units within a range of 17.5℃~ 31.5℃.
- The temperature will be displayed as LOW once it is adjusted below 17.5℃ and HIGH once it is adjusted above 31.5℃.

Controlling driver/passenger temperature independently

Press the [DUAL] key to turn the DUAL setting back on.

When DUAL has been enabled, the driver-side and passenger-side temperatures can be controlled independently.

Information

• When setting the driver-side temperature with DUAL on, the DUAL button will turn OFF if the driver-side temperature is set to LOW or HIGH.

Setting Fan Direction

Press the fan keys to change the fan direction.

Information

When setting the driver-side temperature with DUAL on, the DUAL button will turn OFF if the driver-side temperature is set to LOW or HIGH

Climate Mode

Setting Fan Level

Press the [■송풍량 조절|key to change the fan level.

Information

If the fan level is changed while in [AUTO] mode, AUTO mode will turn off.

PGS (Parking Guide System)

About PGS (Parking Guide System)

• PGS System is a system which provides monitored parking guidance.
• The PGS will operate automatically when the ignition Key is turned ON and the transmission level is set to Reverse. The PGS will automatically stop operating when the transmission shift lever is set outside of reverse.
•The PGS(Parking Guide System)is an optional feature

Operating sequence of the PGS

1. Position the ignition key in ACC or ON.
2. Position the transmission lever to R.
3. The PGS mode will be displayed on the screen.

Information

Guidance track is as follows:
• Red line -1.64 feet from the rear bumper
• Yellow line – 3.28 feet from the rear bumper.
• Blue line – 9.84 feet from the rear bumper.
• Red line – Track following left side driver side wheel
• Yellow line – Track following right side passenger side wheel

6 Information

- XM Data
- Blue Link
- GPS Information
- Help

XM Data

About GPS

Press the [INFO] key ▶ Press |XM Data|

About XM Data Service

The XM Data Service is a paid membership Satellite radio service which provides users with traffic, stock, sports, and weather information.
However, weather information is not supported for vehicles purchased in Canada.

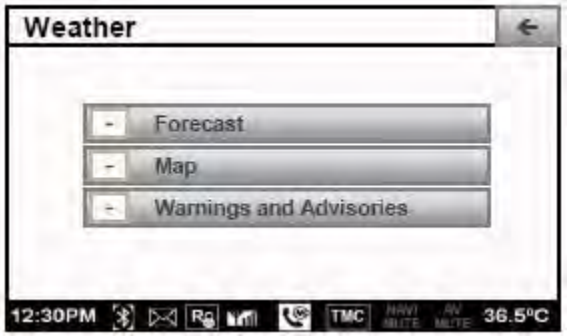
XM Data 초기 화면

[Weather]	최근 3일간의 날씨 정보 표시 [More]버튼을 통하여 상세 정보 확인
[Traffic]	도로 상의 유고정보 표시[More] 버튼을 통하여 상세 정보 확인
[Stocks]	Favorite Stocks로 지정된 3개 주식종목 정보 표시 [More] 버튼을 통하여 상세 정보 확인
[Sports]	My Teams로 지정된 2개 팀에 대한 정보 표시 [More]버튼을 통하여 상세 정보 확인

Weather Data Service

Press the [INFO] key ▶ Press |XM Data| ▶ Press [Weather : More]

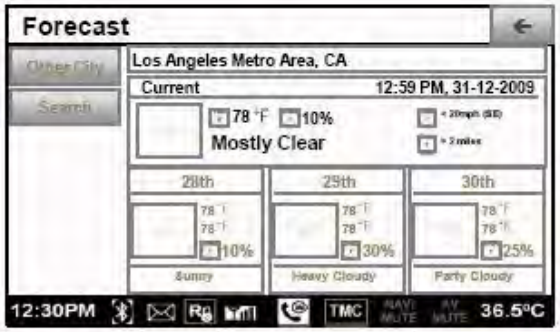
The Weather Service is a service which provides weather information updated ever 5 minutes for your region.
The Weather Service includes Tabular Weather, Graphical Weather, Warnings and Advisories Services.



XM Data

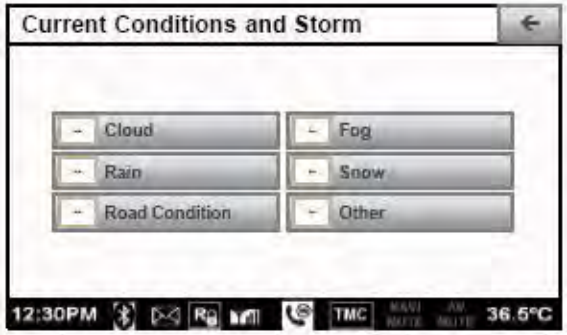
Forecast

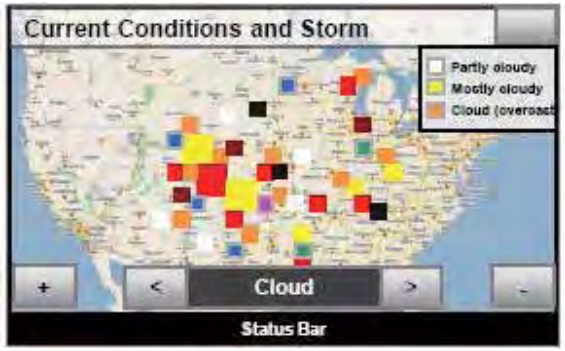
Provides current weather information and weather information for the coming next three days for your region.
To change the region, press the |Other City| button and select the desired region.



Map

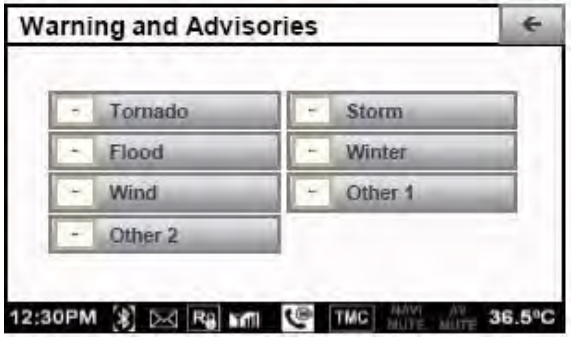
This service provides weather information, such as Cloud, Fog, Rain, Snow, and Road Conditions on the Navigation map as symbols.
Details can be viewed on specific regions by using the zoom in and zoom out features.

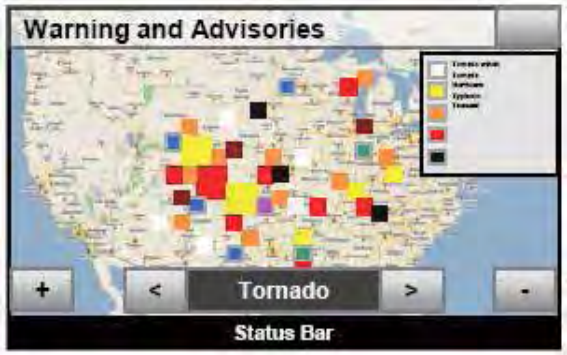




Warnings and Advisories

This service provides weather warnings and advisories, such as Tornado, Storm, Flood, etc. as symbols on the Navigation map.
Details can be viewed on specific regions by using the zoom in and zoom out features.





XM Data

Traffic Data Service

Press the [INFO] key ▶ Press |XM Data| ▶Press [Traffic : More]

Traffic List 화면

• Automatic route recalculation (guidance) according to changes in traffic conditions.
• Provides short-cuts for initially searched routes.
• Displays increased detour distance and estimated driving times.
• Displays icons by each traffic situation on the map.

1.Route calculation by incorporating actual road traffic conditions
Incorporation of traffic information to route calculations is a user option which can be turned on or off by the user.

2.Displays Road Traffic situations
RTM (Road Traffic Message) is a feature which displays symbols of icons for each type of road traffic condition, such as locations under construction, accidents, basic weather, and others on map locations based on Traffic information provided by XM.

3.Avoidance of locations where traffic situations have occurred.
If a traffic situation occurs somewhere along the route, the route is recalculated to avoid such locations and an avoidance recalculation popup will be displayed.

4.Displays Traffic Event List
A list providing details on accidents and an icon which will display the accident location are displayed. The user can view details by pressing on the list or move the map to the accident location by pressing on the accident icons.

Traffic Stocks Service

XM Stock data Service is a service which provides real-time updated information on the NYSE, NASDAQ, and AMEX (approximately 11,000 symbols)

Press the [INFO] key ▶ Press |XM Data| ▶ Press [Stock : More]

XM Data

Stocks

Stocks is a feature that shows the current value and change of stocks.

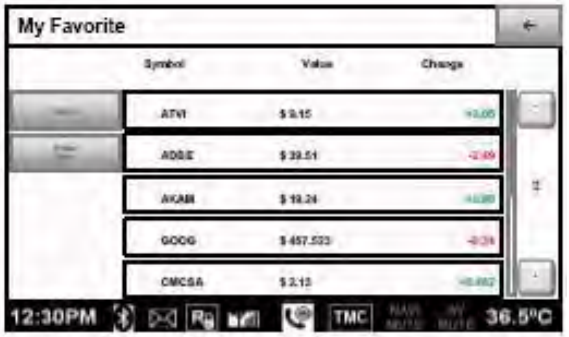
For symbols which you are interested in, press the <Favorites> icon to save the symbol as a part of <My Favorite>. Saved symbols can be viewed from the My Favorites button on the Stock Main screen.

Stock Search

Use the Stock Search menu to search for specific stocks.

My Favorites

My Favorites shows list of stocks added by the user.

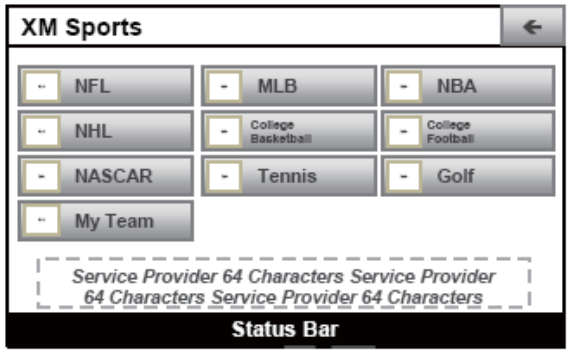


XM Data

When GPS info cannot be used

The service provides real-time updated information on scores and schedules for major sports, such as NFL, NBA, NCAA Football, NCAA basketball, NHL, MLB, NASCAR and more.

Press the [INFO] key ▶ Press |XM Data| ▶ Press [Sports : More]



My Teams

You can save teams which you are interested in as part of <My teams> to easily view related scores and schedules.

Blue Link

Blue Link

Press the [INFO] key ▶ Press |Blue Link|

Blue Link 서비스 이용 시 주의 사항

Blue Link 서비스에 가입되어 있지 않은 경우, ECO Driving정보 조회, Blue Link System 정보 확인 기능만 제공 됩니다.

Blue Link 초기 화면

[Downloaded POI]	Blue Link 센터 또는 웹사이트를 통하여 다운로드 된 POI 정보 확인
[ECO Driving]	차량 연비 그래프 및 경제 운전 정보를 확인
[system Info]	Blue Link 시스템 정보 확인 및 업데이트
[Gas Station]	Blue Link 센터 또는 웹사이트를 통하여 다운로드 된 Gas Station 정보 확인
[Restaurants]	Blue Link 센터 또는 웹사이트를 통하여 다운로드 된 Restaurants 정보 확인
[Location Sharing]	Blue Link 센터 또는 웹사이트를 통하여 공유된 친구의 위치 정보 확인

Blue Link 안전 및 보안 서비스

Auto Crash Notification
차량 사고로 인하여 에어백이 작동할 경우 현재 위치와 고객님의 정보를 신속하게 Blue Link 센터로 전송한 후 긴급구난 전화가 연결됩니다.
긴급 구난 전화가 연결되면 안전 상담원이 현재 상황에 따른 적절한 조치를 취하게 되며 동시에 고객님께 적절한 행동 조치를 설명합니다.

ACN연결화면

Blue Link

SOS

[SOS] 키를 통하여 긴급 구난 서비스를 요청할 수 있습니다. SOS서비스가 요청되면 차량 정보 및 현재 위치 정보가 Blue Link 센터로 전송 되며 안전 상담원과의 통화가 연결됩니다.

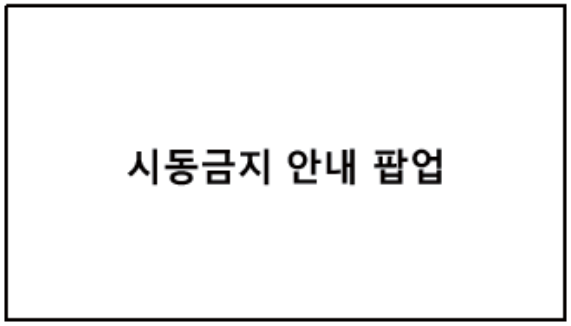
안전 상담원은 긴급 구난 요원이 현장에 도착할 때까지 통화를 유지하며 고객님께 적절한 행동 조치를 설명합니다.

차량 도난 방지 서비스

차량 도난에 대한 상황이 감지된 경우, 도난 정보는 즉시 관할 경찰서로 전송되며 Blue Link 센터는 관할 경찰이 도난된 차량을 신속하게 수배 및 회수할 수 있도록 관련 정보를 지원 합니다.

차량 시동 금지

차량 도난이 감지되면 관련 법률에 근거하여 해당 차량의 시동을 차단합니다.
차량 시동 금지는 현재 차량의 시동이 꺼져 있는 상황에서 작동하며, 차량이 이동 중인 경우에는 차량이 멈춘 후 시동이 꺼진 후에 재시동 시 차단 됩니다.



차량 속도 감소

차량 주행 중 도난이 감지되면 관련 법률에 근거하여 해당 차량의 속도를 안전속도까지 천천히 감소시킵니다. 이때 다음과 같은 경고 메시지가 표시됩니다.

Blue Link

위치 정보 서비스

Blue Link 센터를 통한 POI 정보 다운로드

Blue Link POI
룸미러키 누르는 이미지

1. 룸미러의 [Blue Link POI] 키를 눌러 Blue Link 센터로 연결.

Blue Link Call 연결화면

2. 연결 후 Blue Link 센터의 음성인식을 통하여 POI 정보를 요청
3. 요청된 POI 정보를 수신하면 화면에 수신된 POI 정보가 표시됩니다.

Blue Link Call 연결화면

Blue Link 센터를 통한 POI 정보 다운로드

1. Blue Link 웹사이트 (www.myhyndai.com)를 방문하여 에서 원하는 POI 정보를 검색한 후 차량으로 전송합니다.
2. 전송 후 차량 시동을 켜면 다음과 같은 POI 다운로드 메시지가 표시됩니다.

POI 다운로드 팝업

3.YES를 선택하여 다운로드 된 POI목록을 확인합니다.

POI 리스트 화면

Blue Link

다운로드 된 POI 정보 확인

Press the [INFO] key ▶ |Blue Link| 선택 ▶[Downloaded POI] 선택

POI 리스트 화면

POI 리스트를 선택하면 상세 정보를 확인할 수 있습니다.

POI 상세 정보 화면

[View Map]	현재 선택된 POI의 위치를 지도 상에서 확인
[Call]	현재 선택된 POI로 전화 걸기
[Delete]	현재 선택된 POI 정보 삭제

Information

• 기본적으로 POI목록은 현재 위치를 기준으로 날짜 순서로 표시 됩니다. 만약 주행 중인 경로 기준 또는 다운로드 된 거리를 기준으로 표시를 원한다면 Distance 또는 On Route를 선택하십시오.
•내비게이션에서 기존에 설정된 목적지에 대한 경로를 탐색 중인 경우에는 지도화면으로 이동할 수 없습니다. 경로 탐색 완료 후 다시 이용해 주십시오.
Poi 전화 연결은 블루투스를 통하여 전화기를 연결하기 때문에 먼저, 블루투스 전화가 연결되어 있는지 확인 하여 주십시오.

다운로드 된 Gas Station 정보 확인

Press the [INFO] key ▶ |Blue Link| 선택 ▶[Gas Station] 선택

Gas Station 리스트 화면

Gas Station 상세 정보 화면

Blue Link

다운로드 된 Restaurants 정보 확인

Press the [INFO] key ▶ |Blue Link| 선택 ▶[Restaurants]선택

Restaurants 리스트 화면

Restaurants 상세 정보 화면

공유된 친구의 위치 정보 확인

Press the [INFO] key ▶ |Blue Link| 선택 ▶[Location Sharing]선택

Location Sharing 리스트 화면

Location Sharing 상세 정보 화면

내 위치를 친구에게 전송

Blue Link POI
룸미러키 누르는 이미지

1. 룸미러의 [Blue Link POI] 키를 눌러 Blue Link센터로 연결

Blue Link Call
통화 중 화면

2.연결 후 Blue Link 센터 상담원에게 내 위치를 친구에게 전송할 것을 요청
3.내 위치가 친구에게 전송됨

Blue Link

차량 정보 서비스

Eco Driving

Press the [INFO] key ▶ |Blue Link| 선택 ▶[Eco Driving] 선택

Eco Driving 화면

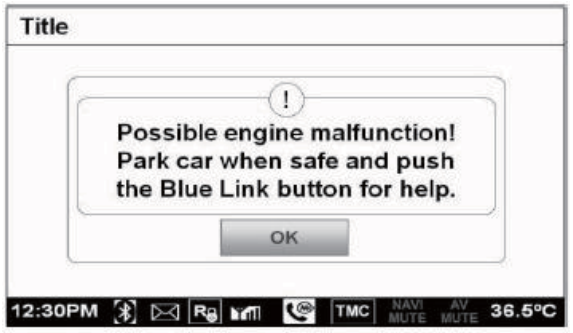
연비 그래프	평균연비(Community) 대비한 2.5분 간격의 연비정보 표시
Average Fuel Economy	시동 후 차량 주행에 따른 평균 연비
Fuel Consumption last 2.5 min	최근 2.5 분 동안의 연비
Eco Reward	평균연비보다 좋은 운전을 하는 경우 점수 획득
Help	연비 그래프에 대한 상세 설명 표시

서비스 만료 알림

Blue Link 서비스 만료 시점이 가까워 오면, 다음과 같은 메시지가 표시 됩니다.
서비스 만료 알림은 웹사이트, 이메일 및 문자 메시지를 통하여 주기적으로 안내됩니다.

자동 차량 진단 및 고장 알림

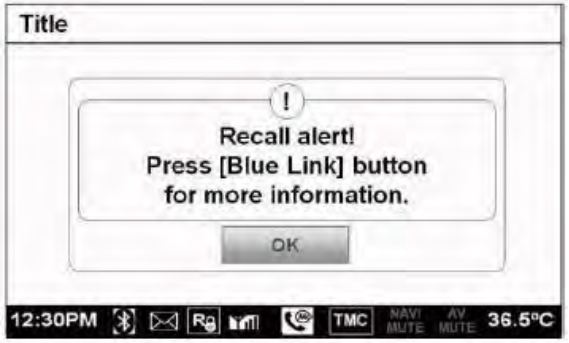
차량 상태에 대한 이상이 감지되면 해당 이상에 대한 안내와 조치사항에 대하여 화면에 표시됩니다.



Blue Link

Eco Driving

차량의 리콜 또는 캠페인 정보가 수신되면 다음과 같은 메시지가 표시됩니다.



캠페인 알림 팝업

Blue Link 시스템 정보

Press the [INFO] key ▶ |Blue Link| 선택 ▶[System Info] 선택

System Info 화면

Model	Blue Link 모델 이름
Version	Blue Link 하드웨어 및 소프트웨어 버전
MEID NO.	Blue Link 시스템 고유 번호
Update (USB)	USB를 통한 Blue Link 시스템 업데이트

GPS Information

About GPS

GPS (Global Position System) :
GPS is a system developed and operated by the United States that determines the user's current position (longitude • latitude, etc) by using 4 or more satellites.
This system is used with related GPS information, various sensors, road map data, and other related information to provide navigation services

Information

• For continued map updates, information gathering and surveys are conducted continuously to monitor road changes or new road constructions. Nonetheless, roads, facilities, and fares are under constant change and it is impossible to completely remove all errors, including road updates, names, facilities, and fares. Please keep such fact in mind when using GPS.
• In principle, roads with widths less than 3m are not included within the map data. Roads with sections with widths less than 3m may be deleted in future map data updates.

When GPS info cannot be used

GPS info may not operate under the following conditions.
• When buildings, tunnels, or other obstructions block satellite signals
• When materials are placed above the GPS antenna and block satellite signals
• When the satellite is not transmitting
• When a digital cellular phone (1.5GHz) is placed near the GPS antenna

Errors unavoidable due to system characteristics

• The navigation system uses GPS information, various sensors, road map data, and other related information to display the current position. Errors may occur if the satellite is transmitting inaccurate signals or only two or less satellite signals can be received. Errors that occur in such conditions cannot be corrected.

Viewing GPS Info

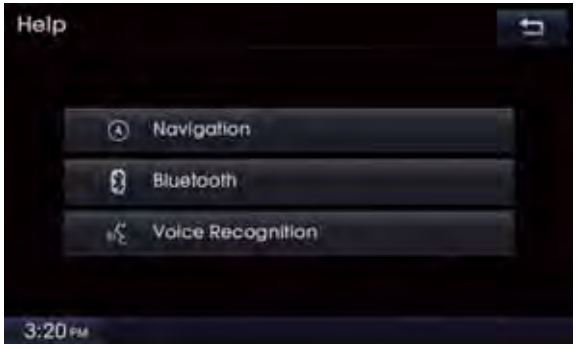
Press the [INFO] key ▶ Select |■GPS Info|

The GPS reception and vehicle speed information are displayed.

Help

Viewing Help

Press the [INFO] key ▶ Select |■Help|



Help sections on the Navigation and Bluetooth® features can be selected and viewed.

5 Voice Recognition

- Starting Voice Recognition
- Voice Command Lists

Using Voice Recognition

Starting Voice Recognition

Starting Voice Recognition

Shortly press the [■VR] key on the steering remote controller (under 0.8 seconds) ▶ Say a command

Once voice recognition starts, the voice command entry window and the six representative commands are displayed.

If voice recognition is in [Normal Mode], then the system will say “Please say a command. Beep~”

• If voice recognition is in [Expert Mode], then the system will only say a “Beep~”

(e.g. :screen displayed when ‘Help’ is stated)

Notice

• For proper recognition, say the command after the voice instruction and beep tone.

Information

• To change the Normal/Expert setting, press the [SETUP] key and enter the Voice Recognition settings screen.

Skipping Prompt Messages

While prompt message is being stated ▶ Shortly press the [■VR] key on the steering remote controller (under 0.8 seconds)

The prompt message is immediately ended and the beep tone will sound. After the “beep”, say the voice command.

Re-starting Voice Recognition

While system waits for a command ▶ Shortly press the [■VR] key on the steering remote controller (under 0.8 seconds)

The command wait state is immediately ended and the beep ton will sound. After the “beep”, say the voice command.

Using Voice Recognition

Ending Voice Recognition

While Voice Recognition is operating ▶
Press and hold the [■VR] key on the steering remote controller (over 0.8 seconds)

While using voice command, pressing a steering wheel remote control or a different key will end voice command.

Information

▪ In a state where the system is waiting for a voice command, say “cancel” or “end” to end voice command.
▪ In a state where the system is waiting for a voice command, press and hold the [■ VR] key on the steering remote controller to end voice command.

Using Voice Recognition

Press the [■VR] key on the steering remote controller. The voice command entry window and the six representative commands are displayed.

Information

• If voice recognition is set to ‘Expert’, then the ‘Please say a command’ prompt will not be provided. Only the ‘beep-’ will sound.
• If voice recognition is set to ‘Expert’, then the six representative commands are not shown on the screen.
• After the ‘Beep-’, the |스피커| icon will change to the |음성인식사람| icon to indicate that a command can now be stated.

Adjusting Voice Recognition Volume

While Voice Recognition is operating ▶
Turn the ◎ Volume knob left/right to adjust the voice recognition prompt volume

Using Voice Recognition

Illustration on Using Voice Recognition (When Home is set as the destination)

Press the [■VR] key (under 0.8 seconds). The system is await your command and display a list of accessible commands on the screen.

Voice Command List

Voice Command List

Voice commands within this system are categorized into “Common Commands” and “Mode Commands”.

• Common Commands (●) : commands that can be used in all situations.
• Mode Commands (○) : commands that can be used in specific multimedia/navigation/Bluetooth mode states.

Information

Some commands will operate properly only when a USB, iPod, Bluetooth or other device has been connected.

Help Command List

	Command	Operation
●	Help	Displays the mail Help screen
●	Destination Help	Displays the Destination related command list
●	Map Help	Displays the Map related command list
●	Radio Help	Displays the FM/AM radio related command list
●	XM Help	Displays the XM radio related command list
●	Disc Help	Displays the DISC mode related command list for the disc inserted in the CD Player
●	iPod Help	Displays the iPod related command list
●	USB Help	Displays the USB related command list
●	Pandora Help	Displays the Pandora radio related command list
●	Phone Help	Displays the Phone related command list

Audio System Command List

FM/AM Radio

	Command	Operation
●	Radio	Plays the most recent frequency for the most recently operated band
●	(Radio) AM	Plays the most recent frequency for the corresponding band
●	(Radio) FM	Plays the most recent frequency for the corresponding band. In the case of FM, the most recent frequency within the most recently played FM1 or FM2 band is Played
●	FM1/FM2	Plays the most recent frequency for the corresponding band
●	AM frequency <530~1710>	Plays the desired AM band frequency (ex : AM Frequency “Five-Hundred Thirty”)
●	FM frequency <87.5~107.9>	Plays the desired FM band frequency (ex : FM Frequency “Eighty-Seven point Five”)
●	AM Preset <1~6>	Plays the desired AM band preset frequency
●	FM1 Preset <1~6>	Plays the desired FM1 band preset frequency
●	FM2 Preset <1~6>	Plays the desired FM2 band preset frequency
○	Preset <1~6>	Plays the desired preset frequency for the current band
○	Seek Up	Searches and plays the next frequency of the current band
○	Seek Down	Searches and plays the previous frequency of the current band
○	Preset Up	Plays the next preset frequency of the current band
○	Preset Down	Plays the previous preset frequency of the current
○	Auto Store	Searches all frequencies within the current band and stores the 6 frequencies with the most superior reception as preset buttons
○	Scan On	Scans receivable frequencies from the current broadcast and plays for 5 seconds each
○	Scan Off	Ends the currently operating Scan or Preset Scan feature
○	Preset Scan	Moves to the next preset from the current present and plays for 5 seconds each

XM Radio

	Command	Operation
●	XM	Plays the last channel within the last band from XM1, XM2, and XM3
●	XM1/ XM2/ XM3	Plays the most recent channel for the corresponding Band
●	XM Channel <1~255>	Plays the desired XM band channel (ex : XM channel “Eleven”)
●	XM1 Preset <1~6>	Plays the desired preset channel for XM1 band
●	XM2 Preset <1~6>	Plays the desired preset channel for XM2 band
●	XM3 Preset <1~6>	Plays the desired preset channel for XM3 band
○	Channel <1~255>	Plays the desired channel of the current band
○	Preset <1~6>	Plays the desired preset channel of the current band
○	Channel Up	Plays the next channel of the current band
○	Channel Down	Plays the previous channel of the current band
○	Preset Up	Plays the next preset channel of the current band
○	Preset Down	Plays the previous preset channel of the current band
○	Scan On	Scans receivable channels from the current broadcast and plays for 5 seconds each
○	Scan Off	Ends the currently operating Scan or Preset Scan feature
○	Preset Scan	Moves to the next preset from the current present and plays for 5 seconds each

CD(Audio Type)

	Command	Operation
●	CD	If the DISC inserted in the CD Player is either a CD or MP3 DISC, then the CD or MP3 will be played
●	CD Track <1~99>	If the DISC inserted in the CD Player is a CD, then CD Mode will start and plays the desired track
○	Play	Plays the currently paused song
○	Pause	Pauses the current song
○	Next Track	Plays the next track
○	Previous Track	Plays the previous track
○	Repeat On	Repeats the current track
○	Repeat Off	Cancels repeat play to play tracks in sequential order
○	Shuffle On	Randomly plays the tracks within the CD
○	Shuffle Off	Cancels random Play to play tracks in sequential order
○	Scan On	Scans the files from the next files for 10 seconds each
○	Scan Off	Ends the currently operating Scan feature
○	Track <1~99>	Plays the desired track number

CD(MP3 Type)

	Command	Operation
●	CD	If the DISC inserted in the CD Player is either a CD or MP3 DISC, then the CD or MP3 will be played
○	Play	Plays the currently paused song
○	Pause	Pauses the current song
○	Next File	Plays the next track
○	Previous File	Plays the previous track
○	Next Folder	Plays the first file in the next folder
○	Previous Folder	Plays the first file in the previous folder
○	Repeat On	Repeats the current file
○	Repeat Off	Cancels repeat play to play files in sequential order
○	Repeat Folder	Repeats all files in the current folder
○	Shuffle On	Plays all files within the CD in random order.
○	Shuffle Off	Cancels random play to play files in sequential order
○	Shuffle Folder	Randomly plays the files within the current folder
○	Scan On	Scans the files from the next files for 10 seconds each
○	Scan Off	Ends the currently operating Scan or Folder Scan feature
○	Folder Scan	Plays all songs in the folder in which the current playing file is located for 10 seconds each

USB Music

	Command	Operation
●	USB	If the USB has been connected to the device, plays the MP3 or Image files within the USB
●	USB Music	If the USB has been connected to the device, plays the MP3 files within the USB
●	Play	Plays the currently paused song
○	Pause	Pauses the current song
○	Next File	Plays the next track
○	Previous File	Plays the previous track
○	Next Folder	Plays the first file in the next folder
○	Previous Folder	Plays the first file in the previous folder
○	Repeat On	Repeats the current file
○	Repeat Off	Cancels repeat play to play files in sequential order
○	Repeat Folder	Repeats all files in the current folder
○	Shuffle On	Plays all files within the USB in random order
○	Shuffle Off	Cancels random play to play files in sequential order
○	Shuffle Folder	Randomly plays the files within the current folder
○	Scan On	Scans the files from the next files for 10 seconds each
○	Scan Off	Ends the currently operating Scan or Folder Scan feature
○	Folder Scan	Plays all songs in the folder in which the current playing file is located for 10 seconds each

USB Image

	Command	Operation
●	USB	If the DISC inserted in the CD plays is either a CD or MP3 DISC, then the CD or MP3 will be played
●	USB Image	If the USB has been connected to the device, plays the MP3 files within the USB
○	Next File	Displays the next image file
○	Previous File	Displays the previous image file
○	Next Folder	Displays the first image file within the next folder
○	Previous Folder	Displays the first image file within the previous folder

iPod

	Command	Operation
●	iPod	Plays the songs within the iPod if the iPod has been connected to the device
○	Play	Plays the currently paused song
○	Pause	Pauses the current song
○	Next Song	Plays the next song
○	Previous Song	Plays the previous song
○	Repeat On	Repeats the current file
○	Repeat Off	Cancels repeat play to play files in sequential order
○	Shuffle On	Plays all files within the current category in random order
○	Shuffle Off	Cancels random play to play files in sequential order

My Music

	Command	Operation
●	My Music	Plays the songs within the My Music
○	Play	Plays the currently paused song
○	Pause	Pauses the current song
○	Next File	Plays the next file
○	Previous File	Plays the previous file
○	Repeat On	Repeats the current file
○	Repeat Off	Cancels repeat play to play files in sequential order
○	Shuffle On	Plays all files within the current category in random order
○	Shuffle Off	Cancels random play to play files in sequential order
○	Scan On	Scans the files from the next files for 10 seconds each
○	Scan Off	Ends the currently operating Scan or Folder Scan feature

Others

	Command	Operation
●	Audio On	Turns on the Audio/Video
●	Audio Off	Turns off the Audio/Video
●	Bluetooth Audio	Plays Bluetooth Audio
●	Auxiliary	Plays the connected auxiliary device
●	Blue Link	Displays the Blue Link mode screen

“Blue Link” is an optional feature.

Phone Command List

	Command	Operation
●	Call Name	Makes the call to the name
●	Call <Name>	Call <Name> saved in Contacts (ex: Call "John")
●	Dial Number	Makes the call to the number
●	Dial <Number>	Call can be made by dialing the spoken numbers (ex: Dial “123”)
●	Contacts	Displays list of saved contacts. Say the name to connect the call to the corresponding contact.
●	Recent Calls	The user can select a number from the outgoing， incoming， and missed calls
●	Redial	Connects the most recently called number

Navigation Command List

Destination

	Command	Operation
●	Find Address	Sets the destination through address search for route guidance
●	Previous Destination	Sets one of the previous destination as the current destination
●	Previous Searches	Sets one of the previous searches as the current destination
●	Find Nearest POI	Sets a POI near the current position as the destination for route guidance through POI category search
●	Find the Nearest < POI Name>	Sets a POI near the current position as the destination by directly inputting the POI name for route guidance (ex: Find the Nearest "Restaurants") 、 POI Category list， Page ##
●	Destination POI by Phone Number	Sets the destination by searching the phone number of the facility
●	Find Emergency Police Station	Searches for an emergency Police Station which is nearby the current position and sets it as the destination for r
●	Find Emergency Hospital	Searches for an emergency Hospital which is nearby the current position and sets it as the destination for route!
●	Find Emergency Dealership	Searches for an emergency Dealership which is nearby the current position and sets it as the destination for rout
●	My Places	Sets one of the list of previously registered addresses in the My Places for the user as the destination
●	Go Home	Sets the previously registered home address as the destination for route guidance
●	Go to Office	Sets the previously registered office address as the destination for route guidance
●	Previous Start Position	Sets the previous start position as the current destination
●	Favorite Place < 1 ~ 5 >	Sets a previously registered favorite place as the destination for route guidance

Map

	Command	Operation
●	Map Current Location	Displays the current position of the vehicle.
●	Voice Guidance On	Turns the Voice Guidance On
●	Voice Guidance Off	Turns the Voice Guidance Off
●	Voice Guidance Lauder	Increases the Voice Guidance volume by 1 level
●	Voice Guidance Softer	Decrease the Voice Guidance volume by 1 level
●	Repeat Voice Guidance	Repeats the route guidance
●	Cancel Route	Deletes the designated destination and terminates the route guidance
●	Detour <1 , 2 , 5, 10> mile(s)	Searches detour routes within a <I , 2 , 5 , 10> mile radius
●	Detour <I , 2, 5, 10> kilometer(s)	Searches detour routes within a <I , 2 , 5 , 10> kilometer radius
●	Distance to Destination	Reports the remaining distance until destination by voice
●	Time to Destination	Reports the remaining time until destination by voice
●	Store Marked Location to <Text Tag> (ex: Store Marked Location to "User I"	Registers the selected location into the selected Address book
●	Replan Fastest Route	Recalculates the route with the fastest route
●	Replan Shortest Route	Recalculates the route with the shortest route
●	Zoom In / Zoom Out	Decreases/Increases the map zoom by one level
●	Zoom <Scale>	Displays the map in the corresponding zoom <scale> : 150, 300, 700 feet/0.25, 0.5 miles/1 mile/2, 4, 8, 16, 64, 130, 250 miles 50, 100, 200, 400, 800 meters/1.6, 3.2, 6.4, 12, 25, 50, 100, 200, 400 kilometers
●	Zoom Minimum	Displays the map screen in the maximum zoom level
●	Zoom Maximum	Displays the map screen in the minimum zoom level
●	View Route	If the destination has been set , displays the whole route screen until the destination

	Command	Operation
●	XM Traffic	Displays XM Traffic information on the screen
●	Auto Zoom On	Turns the Auto Zoom feature on
●	Auto Zoom Off	Turns the Auto Zoom feature off
●	Auto Mode	Converts the map display is between daylight/night modes automatically
●	Daylight Mode	Converts the map display into daylight mode
●	Night Mode	Converts the map display into night mode
●	North Up	Displays the map in North Up mode
●	Heading Up	Displays the map in Heading Up mode

POI Category List

Restaurants	Rest Area	Pharmacy	Court House
African Restaurants	Road Assistance	Shoe Store	Fire Department
American Restaurants	**Travel**	Shopping Center	Government Offices
Asian Restaurants	Airport	Sporting Goods Store	Library
Chinese Restaurants	Bus Station	**Recreation**	Police Station
Coffee Shop	Campground	Amusement Park	Post Office
Continental Restaurants	City Center	Cinema	School
Fast Food	Ferry Terminal	Golf Course	Utilities
French Restaurants	Hotel	Museum	Waste & Sanitary
Italian Restaurants	Local Transit	Recreation Area	**Services**
Japanese Restaurants	Rental Car Agency	Ski Resort	Attorney
Korean Restaurants	Tourist Attraction	Sports Activities	Cleaning & Laundry
Latin American Restaurants	Tourist Information	Sports Complex	Communication Services
Mexican Restaurants	Train Station	Video & Game Rental	Dentist
Seafood Restaurants	Travel Agent	Winery	Funeral Home
Vegetarian Restaurants	**Shopping**	Other Recreation	Hair & Beauty
Other Restaurants	Bookstore	**Financial Services**	Hospital
Automotive	Clothing Shop	ATM	Medical Service
Auto Parts	Convenience Store	Bank	Mover Services
Auto Service	Department Store	Business Facility	Photography
Automobile Dealership	Electronics Store	Check Cashing Service	Physician
Car Wash	Gift Shop	Money Transfer	Social Service
Gas Station	Grocery Store	**Community**	Tailor & Alteration
Hyundai Dealership	Hardware Store	City Hall	Tax Service
Motorcycle Dealership	Home Specialty Store	Civic Center	
Parking	Music Store	Convention, Center	

4 Bluetooth® Handsfree

- Before Use
- Basic Mode Screen
- Using Bluetooth

Before using the Bluetooth® Handsfree

What is Bluetooth®?

0. Bluetooth® refers to a short-distance wireless networking technology which uses a 2.45GHz frequency to connect various devices within a certain distance.

0. Supported within PCs, external devices, Bluetooth® phones, PDAs, various electronic devices, and automotive environments, Bluetooth® allows data to be transmitted at high speeds without having to use a connector cable.

0. Bluetooth® Handsfree refers to a device which allows the user to conveniently make phone calls with Bluetooth® mobile phones through the Navigation system.

0. The Bluetooth handsfree feature may not be supported in some mobile phones.

   For more information on mobile phone compatibility, visit the Hyundai Motor website (http://www.hyundaiusa.com).

Precautions for safe driving

0 Bluetooth® Handsfree is a feature that enables drivers to practice safe driving. Connecting the head unit with a Bluetooth® phone allows the user to conveniently make calls, receive calls, and manage the phone book. Before using the Bluetooth®, carefully read the contents of this user's manual.

0 Excessive use or operations while driving may lead to negligent driving practices and be the cause of accidents. Do not operate the device excessively while driving.

0 Viewing the screen for prolonged periods of time is dangerous and may lead to accidents. When driving, view the screen only for short periods of time.

Cautions upon connecting Bluetooth® phone

0. Before connecting the head unit with the mobile phone, check to see that the mobile phone supports Bluetooth® features.

0. Even if the phone supports Bluetooth®, the phone will not be found during device searches if the phone has been set to hidden state or the Bluetooth® power is turned off. Disable the hidden state or turn on the Bluetooth® power prior to searching/connecting with the Head unit.

0. If Auto Connection is used, the Bluetooth® phone is automatically connected when the ignition is turned on, making it unnecessary to have to connect the phone with the head unit every time.

0. If you do not want automatic connection with your Bluetooth® device, turn the Bluetooth® power off.

0 To set Auto Connection, go to [Setup] ▶ |■Bluetooth| ▶ |■Auto Connection Setting|

0 The car name can be set at [Setup] ▶ |■Bluetooth| ▶ |■Advanced Settings| ▶ |■Device Information|.

0 The passkey needed to connect the mobile phone can be verified/changed at [Setup] ▶ |■Bluetooth| ▶ |■Advanced Settings| ▶ |■Change Passkey|.

0 If the Bluetooth® audio does not play, go to [Setup] ▶ |■Bluetooth| ▶ |■Streaming Audio Setting|. If the feature is set to |Off|, turn |On| and try again.

0 Park the vehicle when connecting the head unit with the mobile phone.

1 Bluetooth® connection may become intermittently disconnected in some mobile phones. Follow these steps to try again.
1. Turn the Bluetooth® function within the mobile phone off/on and try again.
2. Turn the mobile phone power Off/On and try again.
3. Completely remove the mobile phone battery, reboot, and then again.
4. Reboot the Audio Video Navigation System and try again.
5. Delete all paired devices, pair and try again.

1 The handsfree call volume and quality may differ depending on the mobile phone.

1 Pairing Bluetooth devices and use of other Bluetooth features are not supported when the vehicle is in motion. For safety, please first park your vehicle.

Basic Mode Screen

When no phones have been paired

Press the [☎] key on the steering remote controller or press the [PHONE] ▶ Press |Yes|

Information

- Press the |Help| button within the pop-up to view the help section with information related to pairing and connecting Bluetooth® devices, and using Handsfree related features.
- The same Help section can be viewed by going to |■Info| ▶ |■Help| ▶ |■Bluetooth|.

Pairing from the Bluetooth® Device

Press the |Add New Device| button ▶ Select car name ▶ Enter passkey

From the Bluetooth® device, search for the car name and pair the device.
When searching from the Bluetooth® device, the car name is Santa Fe and the default passkey is '0000'.

Information

- To learn more about searching from Bluetooth® devices and pairing, refer to the user's manual for your Bluetooth® device.
- Bluetooth® devices cannot be paired when the vehicle is in motion. For your safety, first park the vehicle to pair a Bluetooth® device.

Basic Mode Screen

When a phone is already paired

Press the [☎] key on the steering remote controller or the [PHONE] key ▶ Press |Yes| ▶Select the device from the device list ▶Press |Connect|

• Select the device you want to connect and press the |Connect| button.
• If the phone you want to connect does not exist, press the |Add New| button to pair a new Bluetooth® device.

Name	Description
1 Help	Help section related to pairing and connecting/disconnecting Bluetooth® devices and Handsfree phone features
2 Add New	Pair a new Bluetooth® device
3 Connect / Disconnect	Connect or disconnect a Bluetooth® device
4 Delete	Delete a paired Bluetooth® Device
5 Delete All	Delete all paired Bluetooth® Devices
6 Auto Connection	Set Bluetooth® auto connection when car ignition is turned on

When pairing additional device

Press the |Add New| button to pair a new Bluetooth® device.

For more information on pairing, refer to the 'When no phones have been paired' section.

Information

• When a Bluetooth® device is connected, a new device cannot be paired.
If you want to pair a new phone, first disconnect the connected Bluetooth® device.

When there is a connected device

Press the |☎| key on the steering remote controller or the [PHONE] key on the head unit to display the following screen

Enter the phone number you wish to call and press the |■Send| button

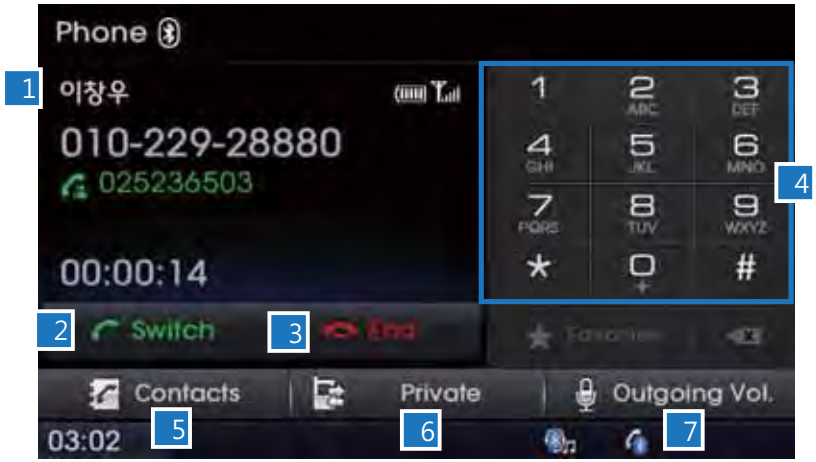
Information

- The mobile phone battery and signal strength icons may not be supported in some mobile phones.
- The remaining battery level displayed on your mobile phone battery icon may slightly differ with the device display.
- The speed dial feature may not be supported in some mobile phones.

Name		Description
1	Info Display Window	Displays name of currently connected device
2	Send	If no number has been entered, switches to call history screen If a number has been entered, calls the number
3	End	If a number has been entered, deletes the number During a call, ends the current call
4	Dial Pad	Used to enter the phone number Press the hold |0| to enter a '+' Press the hold |1| ~ |9| to connect to the speed dial saved within the mobile phone
5	Favorites	Displays the Favorites list screen
6	Delete	Deletes entered numbers one digit at a time
7	Contacts	Displays contacts list screen
8	Connections	Displays the Bluetooth® device Connections screen
9	Remaining Battery	Displays the remaining battery for the connected Bluetooth® device
10	Call Signal Strength	Displays the call signal strength

Using Bluetooth®

During a call



The name of the other party is displayed if the number is saved within your contacts. If not, only the phone number is displayed. During a call, the other party's name/number and the call time are displayed.

Information

- The telephone number may not be displayed in some mobile phones.

Name	Description
1 Info Display Window	Displays other party's name/number. If there is a call waiting, displays call waiting information
2 Switch	If there is a call waiting, switches the current call and connects the waiting call
3 End	Ends call
4 Dial Pad	Used to enter phone number
5 Contacts	Displays the Contacts screen
6 Private	During a handsfree call, this function is used to switch the call to the mobile phone Upon switching the call to Private, the vehicle mic and speaker will turn off to allow a private conversation through the mobile phone
7 Outgoing Vol.	Adjusts outgoing volume during calls Sets call volume as heard by the other party (Levels 0~5) The outgoing volume may be heard differently depending on the connected Bluetooth® device

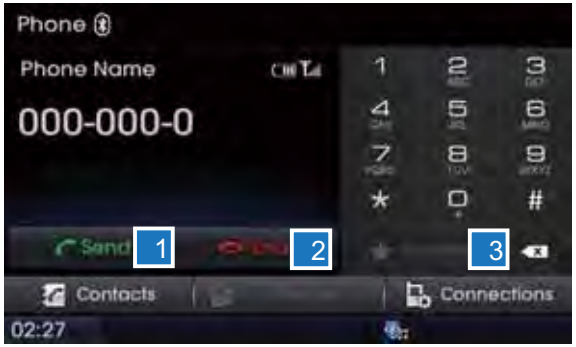
Status Bar Icons

Name	Description
■	Mutes call volume
■	Bluetooth® phone call state
■	Mobile phone contacts or call history download status
■	A state when Bluetooth® Handsfree and streaming Audio is all connected
■	State when Bluetooth® streaming Audio is connected
■	State when Bluetooth® Handsfree is connected

Making/Answering Calls

Calling by dialing a number

Enter number on the dial pad ▶ Press the |☎Send | or the [☎] key on the steering remote controller.



If you press the |☎Send | button without entering a number, the Call History screen is displayed
Press and hold the dial pad |0 +| (over 0.8 seconds) to enter a "+".

Name		Description
1	Send	Calls the entered phone number
2	End	Deletes all entered numbers
3	Favorites	Displays the Favorites list screen

Information

• Most audio and SETUP mode features will not operate during a Bluetooth® handsfree call. Only the call volume and Navigation mode screen can be operated.

Making a call from Speed Dial

Enter the 1 or 2 digit speed dial number with the Dial Pad ▶ Press and hold the last number

Information

• For speed dials saved within mobile phones, up to 2 digits are supported.
• Saving or changing speed dial numbers through the head unit is not supported.

Using Bluetooth®

Calling through Redial

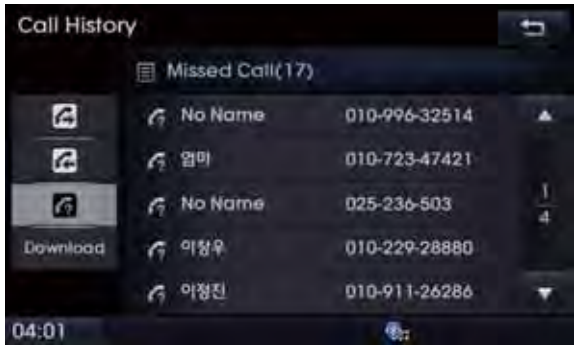
Press the hold (over 0.8 seconds) the |☎Send| button or the [☎] key on the steering remote controller

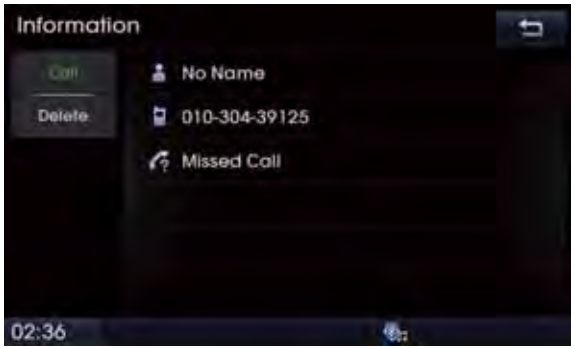
Information

• Redialing is not possible when there is no call history or the Bluetooth® phone has not been connected.

Making a call from Call history

Press the |☎Send | button or the [☎] Key on the steering remote controller ▶ Select the call list ▶ Press |Call|



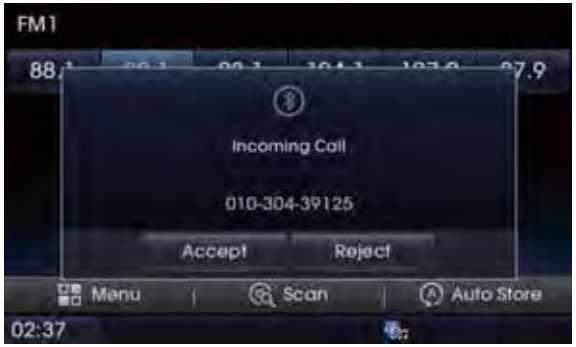


Information

• Calling through the call history is not possible when there is no call history or the Bluetooth® phone has not been connected.
• Within the call history screen, press the Download button to |download| the call history saved in your mobile phone into the vehicle.
• For more information on downloading call histories, refer to the “Call History ▶ Downloading Call History” section.

Answering a call

Incoming call notice ▶ Press the |Accept| button or the |☎| key on the steering remote controller.



When a call is received on the connected phone, the bell will sound and the phone number of the other party will be displayed on the incoming call pop-up, as shown here.

Information

- When the incoming call pop-up is displayed, most functions within audio and SETUP mode will not operate. Only the call volume and Navigation screens can be operated.
- The telephone number may not be displayed in some mobile phones.

Rejecting a call

Incoming call notice ▶ Press the |Reject| button or the |☎| key on the steering remote controller.

Information

- The reject call function may not be supported in some mobile phones.

Operating Menus during a Call

Switching Call to the Bluetooth® phone

During handsfree call ▶ Press the |■Private| button or press and hold the [☎] key (over 0.8 seconds) on the steering remote controller.

The call will be switched from the handsfree to the Bluetooth® mobile phone.

Information

• The Private function may not be supported in some mobile phones.

Switching Call to the Handsfree

During call on mobile phone ▶ Press the |■Private| button or press and hold the [☎] key (over 0.8 seconds) on the steering remote controller.

The call will be switched from the Bluetooth® mobile phone to the car handsfree.

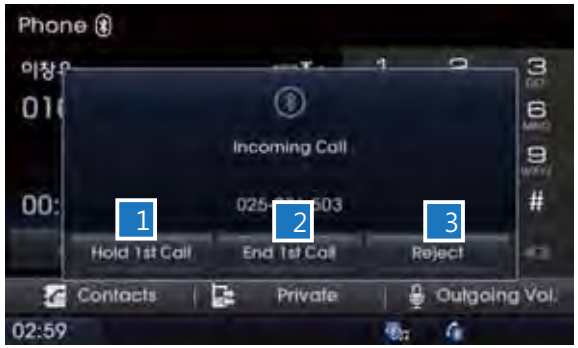
Ending a call

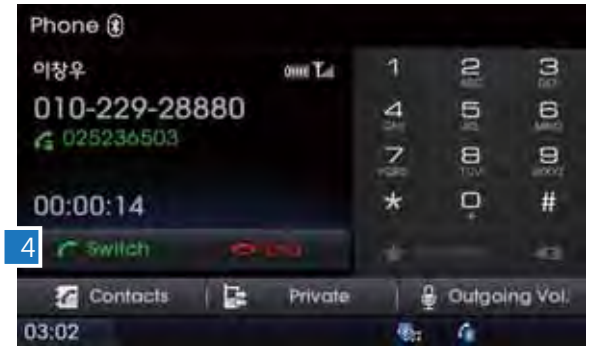
While on a call ▶Press the |☎End| button or the [☎] Key on the steering remote controller.

The Bluetooth® handsfree call will end.

Switching to Call Waiting

If another person calls while you are already on a call, the current call must be placed on hold or ended to answer the new call.





If there is waiting call, press the [☎] key on the steering remote controller (under 0.8 seconds) or press the |☎ Switch| button on the Phone screen.

Name	Description
1 Hold 1st call	Places current call on call waiting and answer new call
2 End 1st call	Ends current call and answer new call
3 Reject	Rejects new call and maintains current call
4 Switch	If there is a call waiting, switches to the waiting call waiting call

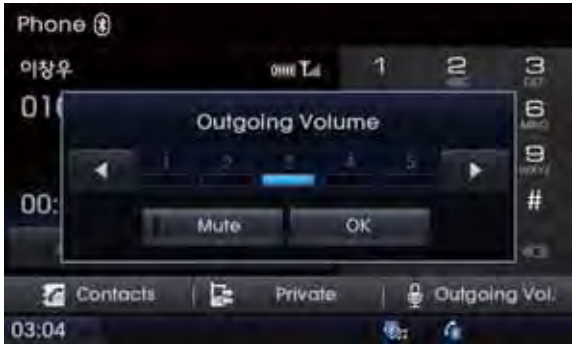
Information

- Call waiting is a feature that allows the caller to answer a second call while already on a call. When call waiting is used, the first call is placed on waiting mode.
- The Switch to Call Waiting feature may not be supported in some mobile phones.

Using Bluetooth®

Setting Mic volume

While on a call ▶ Select |Outgoing Vol.| ▶ Set Outgoing Volume ▶Press |OK|



If you press the |■Mute| button, the outgoing volume is muted and blocked to the other party.

Information

• The volume heard by the other party may differ depending on the mobile phone. If call volume heard by the other party is too low or too high, first adjust the volume setting.

Adjusting the Ring/Call Volume

While on a call ▶Use the ◎ VOL knob on the head unit or the [VOL+], [VOL-] keys on the steering remote controller to adjust the ring/call volume.

Contacts

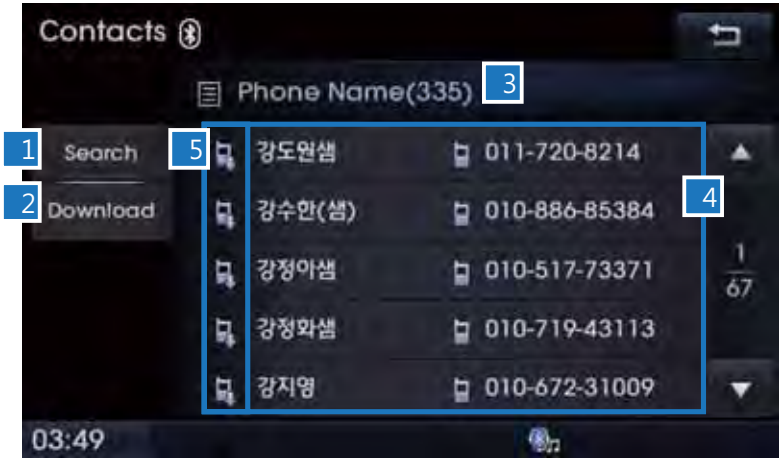
Press the [PHONE] key on the head unit or the [☎] key on the steering remote controller ▶ Press |■Contacts|

Information

• For contacts, up to 5,000 entries can be saved for each paired Bluetooth® device.
• Contacts can be viewed only when a Bluetooth device has been connected.
• If there are numerous list entries, selecting the list page area will move to the corresponding list page.
• It is possible to download contacts during a call or while operating Bluetooth® streaming audio mode.
• When downloading contacts, the |■contacts download| icon will be displayed within the status bar.
• It is not possible to download contacts when the contacts download setting has been turned off within your Bluetooth® device.
• In addition, some devices may require device authorization to download contacts.
• If downloading cannot be normally conducted, check the Bluetooth® device settings or the screen state.
• The download feature may not be supported in some mobile phones. Check to see that the Bluetooth® device supports the download feature.
• For more information on mobile phone compatibility, visit the Hyundai Motor website (http://www.hyundaiusa.com).

Using Bluetooth®

Mobile Contacts Screen Configuration



Name	Description
1 Search	Search car contacts and mobile phone contacts (Search by name or number)
2 Download	Download contacts from Bluetooth® device
3 Bluetooth® Device Name	Name of connected Bluetooth® device
4 List page	Displays total list pages and current list page (List page jump upon selecting scroll area)
5 Download source	Displays whether contacts were downloaded from the mobile phone or SIM

Information

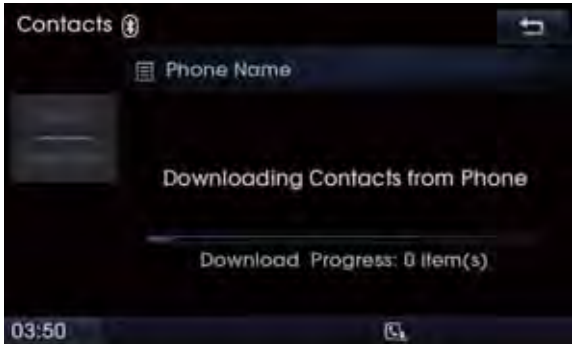
- Mobile phone contacts can be searched only when a Bluetooth® device is connected.
- Up to 5,000 contacts from your Bluetooth® phone or SIM can be downloaded into the car contacts. Contacts that have been downloaded to the car cannot be edited or deleted.
- Mobile phone contacts are managed separately for each paired Bluetooth® device (max 5 devices x 5,000 contacts each). Previously downloaded data will be stored even if the Bluetooth® device has been disconnected. (However, the contacts and call history saved to the phone will be deleted if the paired phone is deleted.)
- Downloaded contacts could be lost depending on the state of the head unit. Always make sure to back up important data.

Downloading Mobile Phone Contacts

Press the |Download| button from the Contacts screen ▶ Press |Yes|

Information

• Time required to download contacts may differ depending on your mobile phone model or data size.

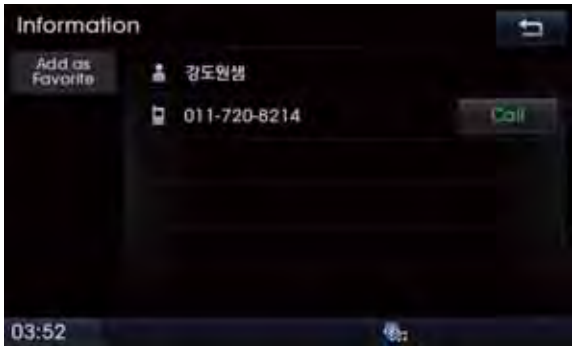


Information

• Upon downloading mobile phone contacts, the previous corresponding data is deleted.
• This feature may not be supported in some mobile phones.
• Upon downloading, contacts saved in your SIM and mobile phone are simultaneously downloaded.
• To change the contacts download settings, change the following menu setting.
[Setup] ▶ |■Bluetooth| ▶ |■ Contacts Download Setting|
• When using Contacts Sync, the contacts and call histories within your mobile phone are automatically downloaded upon connecting Bluetooth®.
If you do not wish to use this feature, turn this feature off at [Setup] ▶ |■Bluetooth| ▶ |■Contacts Sync Setting|.

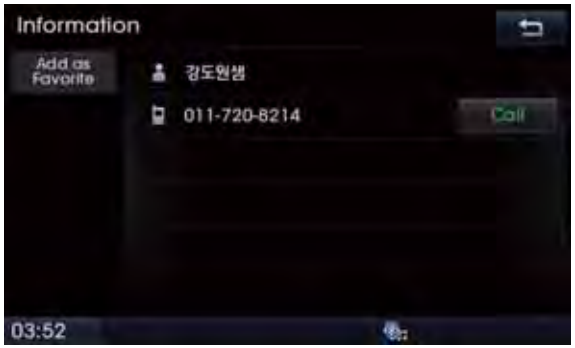
Checking Mobile Contacts Details

Select the desired phone number from the mobile contacts list to check details about the number.



Adding as a Favorite

Select number from the Contacts screen ▶ Within the details screen, press |Add as Favorite|



Saved Favorites can be viewed by pressing the |■ Favorites| button in the Phone screen.

Information

- Up to 8 Favorites can be added.
- Saved Favorites can be viewed by pressing the |■Favorites| button in the Phone screen.

Favorites

Calling Favorites

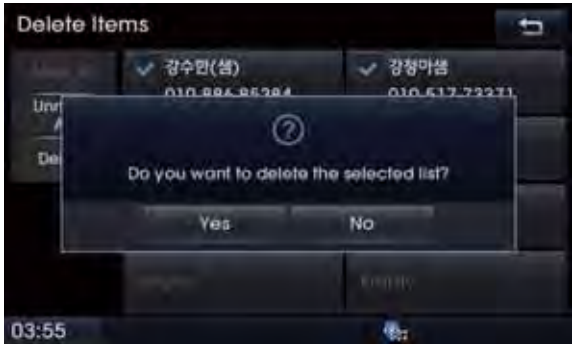
In Phone screen ▶ Press |■Favorites| ▶ Select the desired Favorite ▶ Call connected

Information

- Favorites can be added through Phone ▶ |■Contacts| ▶ Select contact ▶ |Add as Favorite|.
- Up to 8 Favorites can be added and Favorites can be used only when a Bluetooth device has been connected.

Selecting/Deleting Favorites

In Favorites screen ▶ Press |Delete Items| ▶ Select items you want to delete and press |Delete| ▶ Press |Yes|



Searching Contacts

In Phone screen ▶ Press |Search|

Search by Name

Press the |■Search by Name button| ▶ Enter name and press |Search|

Information

• When searching a number, it is possible to search by entering just a part of the name.

Searching by Number

Press the |■Search by Number| button ▶ Enter number and press |Search|

Information

When searching a number, it is possible to search by entering just a part of the entire number.
(ex: if you enter “1544”, all numbers that include “1544” will be searched.)

Call History

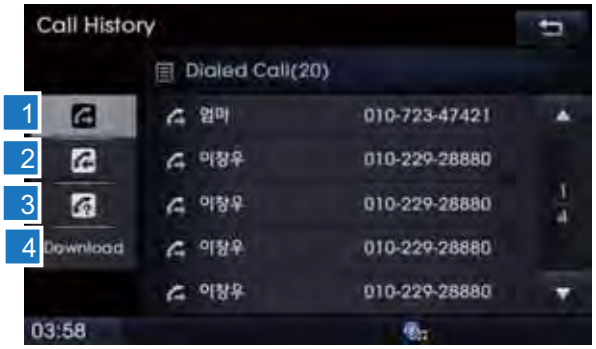
Entering Call History Screen

Within the Phone screen, press the |☎Send| button or the [☎] key on the steering remote controller.

Information

The call history may not be saved in the call history list in some mobile phones.
• Calls received with hidden caller ID will not be saved in the call history list.

Call History Screen Configuration

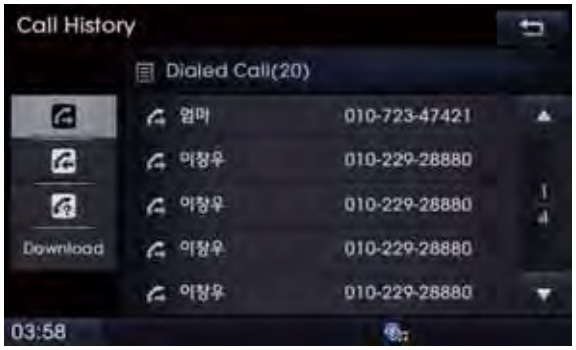


Name	Description
1 Dialed Call	Displays the outgoing call history list
2 Received Call	Displays the incoming call history list
3 Missed Call	Displays the missed call history list
4 Download	Downloads call history from mobile phone

Using Bluetooth®

Downloading Call History

Within the Call History screen, press the |Download| button.

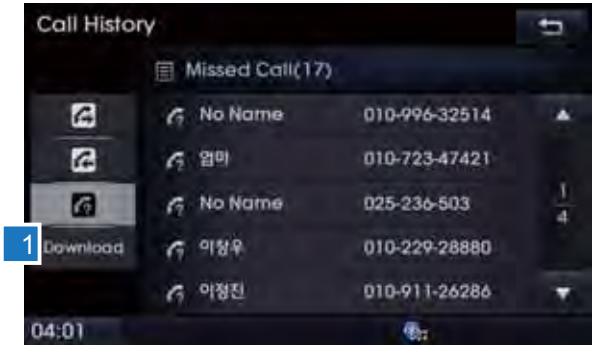


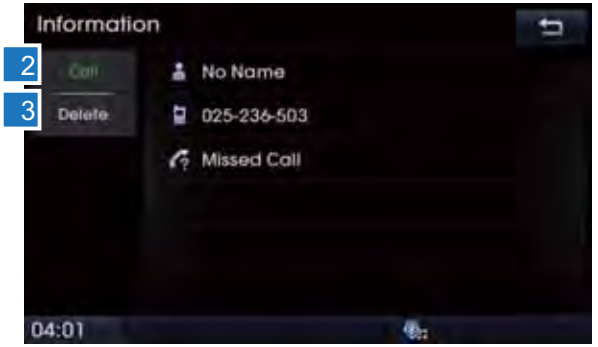
Information

- Up to 20 dialed, incoming, and missed call history lists can each be downloaded. The dialed/incoming time and call time information are not supported.
- Sorting all call histories by time is not supported.
- It is possible to download call history even during a call or during Bluetooth® streaming audio.
- When downloading call histories, the |■contact download| icon will be displayed within the status bar.
- It is not possible to commence download when the call history download feature is turned off within the Bluetooth® device. Also some devices may require device authorization upon attempting to download call history. If downloading cannot be normally conducted, check the Bluetooth® device settings or the screen state.
- The download feature may not be supported in some mobile phones. Check to see that the Bluetooth® device supports the download feature.
- For more information on mobile phone compatibility, visit the Hyundai Motor website (http://www.hyundaiusa.com).

Viewing Call History Information

Within the Call History screen, select the list.



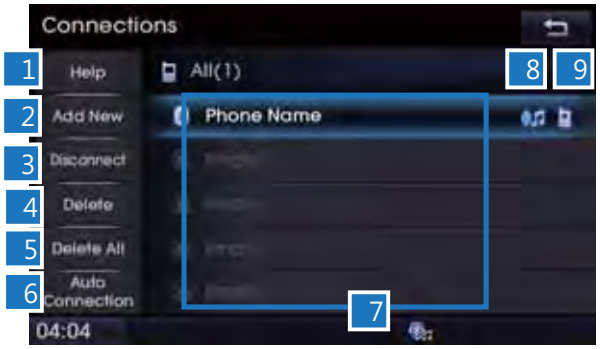


Name	Description
1 Download	Download call histories from mobile phone
2 Call	Calls the number
3 Delete	Deletes the call history

Setting Bluetooth® Connection

Press the |■Connections| button on the Phone screen.

Connections Menu



Function	Description
1 Help	Displays Bluetooth® Help screen
2 Add New	Pairs a new Bluetooth® device
3 Connect/ Disconnect	Connects/disconnects a Bluetooth® device
4 Delete	Deletes a paired Bluetooth® device
5 Delete All	Deletes all paired Bluetooth® devices
6 Auto Connection	Sets Bluetooth® device auto connection when car ignition is turned on
7 Paired device list	Shows list of paired Bluetooth® devices
8 Streaming connection state	Shows Bluetooth® Streaming connection state
9 Handsfree connection state	Shows Bluetooth® Handsfree connection state

Connecting a Device

연결하고자 하는 기기 선택 후 ▶ |Connections| 버튼 선택

Using Bluetooth®

The Phone screen is displayed once a Bluetooth® Handsfree is connected while the Bluetooth® Audio screen is displayed once streaming Audio is connected.

Pairing a New Device

For more information on pairing, refer to the 'When no phones have been paired' section.

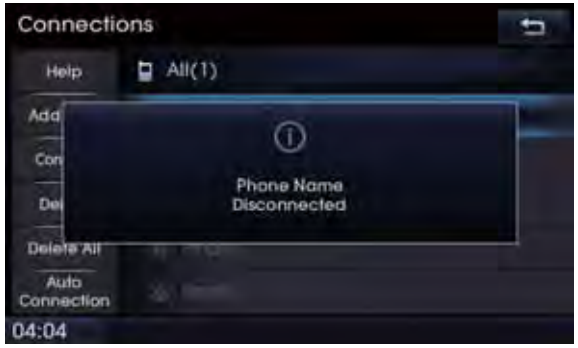
Information

• Bluetooth® features supported within the vehicle are as follows. Some features may not be supported depending on your Bluetooth® device.
- Answering and placing Bluetooth® Handsfree calls
- Menu operation during call (Switch to Private, Switch to call waiting, Outgoing volume)
-Download Call History
-Download Mobile Contacts
-Download SIM Contacts
-Contacts/ Call History Auto Download
-Bluetooth® device auto connection
-Playing Bluetooth ® Streaming Audio
• It is possible to pair up to five Bluetooth® devices to the car system.
• Only one Bluetooth® device can be connected at a time.
• Other devices cannot be paired while a Bluetooth® device is already connected.
• When a Bluetooth® device is being connected, the connection process cannot be canceled.
• Only Bluetooth® Handsfree and Bluetooth® audio related features will operate within this system.
• Normal operation is possible only for devices that support handsfree or audio features, such as a Bluetooth® mobile phone or a Bluetooth® audio device.
• Only one function can be used at a time between the Bluetooth® handsfree and Bluetooth® audio. (While playing Bluetooth® audio, streaming will end upon entering the Bluetooth® phone screen.)
• If a connected Bluetooth® device becomes disconnected for various reasons, such as being out of range, turning the device OFF, or a Bluetooth® communication error, Bluetooth® devices are automatically searched and connected.

• If the system becomes unstable due to communication errors between the vehicle and the Bluetooth® device, reset the Bluetooth® and try again. Upon resetting Bluetooth®, the system is restored to its factory release state. Press the [SETUP] key ▶ |■Bluetooth| ▶ |■Advanced Settings| ▶ |■Restore Factory Settings|

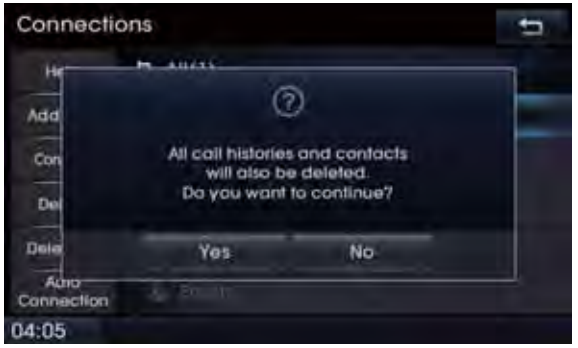
Disconnecting a Device

Select the device you wish to disconnect ▶ Press |Disconnect| ▶ Press |Yes|



Deleting a Device

Select the device you want to delete ▶ Press |Delete| ▶ Press |Yes|



A device cannot be deleted if it is connected.
To delete a paired device, first disconnect the Bluetooth® connection.
Press |Delete All| to delete all paired Bluetooth® devices.

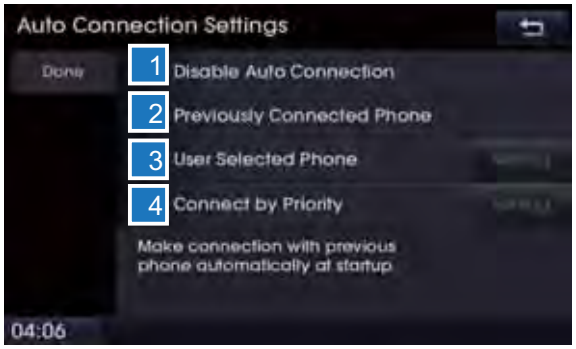
Information

- If a paired phone is deleted, its call history and contacts lists will also be deleted.

Using Bluetooth®

Setting Auto Connection

Press the |Auto Connection| button ▶ Select the desired option ▶ Set and press |Done|



If auto connection is turned on, a Bluetooth® device will automatically be connected according to the set option when the car ignition is turned on.

Name	Description
1 Disable Auto Connection	Disables auto connection
2 Previously Connected Phone	Auto connection with the previously connected Bluetooth® phone
3 User Selected Phone	Automatically connects to a user selected Bluetooth® device
4 Connect by Priority	Automatically connects according to the set Bluetooth® phone priority

Information

• The Auto Connection button is a shortcut menu to go to [Setup] ▶ |■Bluetooth| ▶ |■Auto Connection Settings|
• If you press the |Setting| button next to the |User Selected Phone| and |Connect by Priority| options, you can designate the phone you wish to connect or set the phone priority.

MAP DATABASE HOTLINE

M & SOFT AMERICA MAP CENTER

TEL : 888-757-0010

WEBSITE : www.mapnsoft.com

This equipment has been tested and found to comply with the limits for a Class A 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum 20 cm between the radiator and your body.
This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

IC Warning
This device complies with Industry Canada licence-exempt RSS standard(s).
Operation is subject to the following two conditions: (1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.
L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et