CAR MULTIMEDIA SYSTEM
USER'S MANUAL

Read the following safety precautions

Before using the product, read the contents of this user manual carefully. Please use this product safely.

The design and specifications of this product may change without prior notification for product and service improvement.

The actual features in the vehicle may differ from the illustrations.

For more accurate information about the vehicle, please refer to the catalogue.

This Audio system contains open source software, including without limitation, software distributed and/or modified under the GNU General Public license, Version 2, June 1991, and the GNU lesser General Public License, Version 2.1, February 1999.

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Notations used in this User Manual

⚠ WARNING
• Failure to observe the instructions in this section could result in damage to the vehicle.

⚠ CAUTION
• Information on matters that could potentially lead to injury or vehicle damage/malfunction Information that could lead to better user safety

ℹ Information
• Information and tips that make using the product more convenient

✏ NOTICE
• Information on specific features that facilitate proper product use and understanding of functions
• Information on terminology used in this manual

⚠ CAUTIONS for Using SD Cards

• Ejecting and Inserting SD Cards

- Ejecting and inserting SD cards while the Multimedia System is operating may result in SD Card or System errors. To eject or insert the SD card, first turn off the Multimedia System and the vehicle ignition.
- Eject/insert SD cards only to update the Multimedia System with a new version.

• Use of SD Cards

- SD cards are formatted to include only Map and new system update files.
- SD cards cannot be used to save and play music.
- Do not add, delete or format files on the SD card.

iPod®

iPod® is a registered trademark of Apple Inc.

Bluetooth® **Wireless Technology**

A compatible *Bluetooth*® Wireless Technology-enabled cell phone is required to use *Bluetooth*® Wireless Technology.

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The Wi-Fi CERTIFIED™ Logo is a certifi cation mark of Wi-Fi Alliance.

part.1 Basic

Warnings and Cautions
Key Product Features
Component Names and Functions
Starting the System for the First Time

01

Basic

⚠ Safety Warnings

- Even when receiving route guidance from the Navigation System, please abide by traffic and road regulations in force. Following only the Navigation route guidance may lead to violations of traffic and road regulations in force and lead to traffic accidents.
- Do not stare at the screen while driving. Staring at the screen for prolonged periods of time could lead to a traffic accident.
- Do not operate the Navigation System while driving, e.g. entering POIs or conducting route searches. Such actions could lead to a traffic accident. Stop the vehicle before operating the device.
- Do not disassemble, assemble or modify the Multimedia System. Such actions could result in an accident, fire or electric shock.

- Be careful not to spill water or introduce foreign objects into the device. Such actions could lead to a fire or product malfunction.
- If you use phone-related functions while driving, you will find it difficult to concentrate on operating the vehicle and the current traffic conditions, so the possibility of an accident may increase. Please use phone-related functions only when stationary.
- 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 malfunction.
- Do not touch the antenna during thunder or lightening as this may lead to lightning-induced electric shock.
- Do not stop or park in parking-restricted areas to operate the product. Such actions could lead to traffic accidents.

- For most audio 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 only operate when the parking brake is ON for manual transmission vehicles and when the parking brake is ON or the gear stick is in the P (PARK) position for automatic vehicles.
- Other functions may not be usable while driving. These functions operate only when the vehicle is stationary.

⚠ Safety Cautions

Pay attention to traffic conditions while driving.

- In some instances, 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. Stop the vehicle before operating the device. In addition, the touchscreen may not work for some functions when the vehicle is in motion. The touchscreen 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 level before turning off the device.
- If you want to change the position of device installation, please enquire with your place of purchase or service maintenance centre. Technical expertise is required to install or disassemble the device.
- Turn on the car ignition before using this device. Do not operate the Multimedia System for long periods of time with the ignition turned off as such operation may lead to battery discharge.
- When using the Multimedia 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 on the front of the monitor may cause damage to the LCD or touchscreen.
- When cleaning the device, turn off the device and use a dry, smooth cloth. Never use tough materials, chemical cloths or solvents (alcohol, benzene, thinners, etc.) as such materials may damage the device panel or cause colour/quality deterioration. If you experience a product malfunction, enquire with your place of purchase or service maintenance centre.
- Prevent caustic solutions such as perfume and cosmetic oil from contacting the dashboard because they may cause damage or discolouration.

01

Key Product Features

This device is a Multimedia System equipped with a multi-functional player that supports FM, AM, USB, iPod, AUX, and Bluetooth Audio 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 through a Wide TFT-LCD Display using an LED Back Light. • Touchscreen for maximum user convenience.
Radio	Digital Tuner Feature • Digital Tuner using PLL method that supports memory of 12 broadcast stations for each AM and FM mode. Radio broadcast station name • Displays broadcast station names
Multimedia Player	Support for Various Media Formats • Support for various media formats, including FM, AM, USB, iPod, AUX and Bluetooth® Audio Streaming modes

Navigation	Automatic Correction for Current Location • Automatically corrects current position using map matching and GPS information.
Miscellaneous	*Bluetooth*® Wireless Technology • Convenient use of Bluetooth® Hands-free using buttons within the steering wheel remote controller Digital Screen Control Features • Easy control of features via touchscreen options Steering Wheel Remote Controller • Control over audio features, Bluetooth® via the steering wheel remote controller for maximum convenience

Component Names and Functions

Head Unit

	Name	Description
1	● PWR/ VOL	• When power is off, press to turn power on • When power is on, press and hold (more than 0.8 seconds) to turn power off • When power is on, press quickly (less than 0.8 seconds) to turn Audio off • Turn left/right to control volume
2	RADIO	Selects FM/AM/SiriusXM™ mode • Each time this is pressed, the mode is changed in order of FM → AM → SiriusXM™ → FM

	Name	Description
3	MEDIA	Selects MEDIA mode • If the media is not connected MEDIA mode will not be activated.
4	SD	SD card insert slot
5	MAP VOICE	Displays the map for the current position
6	PHONE	Displays user to phone screen

	Name	Description
7	∨ SEEK TRACK ∧	When pressed quickly (less than 0.8 seconds), • FM/AM mode: plays previous/next frequency • SiriusXM™ mode: plays the previous/next channel • MEDIA (USB/iPod/My Music) mode: changes the track, file or title (except USB Image and AUX) When pressed and held down (more than 0.8 seconds), • FM/AM mode: continuously changes the frequency until the key is released • SiriusXM™ mode: continuously changes the channel until the key is released and plays the current channel • MEDIA (USB/iPod/My Music) mode: rewinds or fastforwards the track or file (except USB Image, Bluetooth Audio and AUX)

	Name	Description
8	UVO	Displays the UVO screen
9	SETUP	Displays the Setup screen
10	⬤ TUNE	• FM/AM mode: changes the frequency • SiriusXM™ mode: changes the channel • MEDIA (USB/iPod/My Music) mode: changes the track, file or title (except USB Image, Bluetooth Audio and AUX)
11	RESET	Resets the system settings. (Preset radio channels and other data will not be deleted.)

※ The actual feature in the vehicle may differ from the illustration.

Steering Wheel Controls

	Name	Description
1	🗣	When pressed quickly (less than 0.8 seconds), • Activates voice recognition When pressed and held (more than 0.8 seconds), • Ends voice recognition • If iOS device is connected through Bluetooth, activates or ends Siri Eyes Free.

	Name	Description
2	MODE	• Each time this is pressed, the mode is changed in the order of FM → AM → SiriusXM™ → USB Music or iPod → AUX → Bluetooth Audio → My Music → FM • If the media is not connected, corresponding modes will be disabled • Press and hold (more than 0.8 seconds) to turn the Audio system on/off • When power is off, press to turn power back on
3	+ 🔇 −	Controls the volume
4	∧ ∨	When pressed quickly (less than 0.8 seconds), • FM/AM mode: searches broadcast frequencies saved to Presets • SiriusXM™ mode: searches broadcast channels saved to Presets • MEDIA(USB/iPod/My Music) mode: changes the file or chapter (except USB Image, AUX) When pressed and held (more than 0.8 seconds), • FM/AM Mode: automatically searches broadcast frequencies • SiriusXM™ mode: automatically searches broadcast channels • MEDIA(USB/iPod/My Music) mode: quickly looks up songs (excluding USB images, AUX, and Bluetooth audio files)

	Name	Description
5	☎	When pressed quickly (less than 1.2 seconds), • 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 (more than 1.2 seconds), • When pressed in the Bluetooth® Handsfree, 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)
6	☎	• When pressed during a call, ends the phone call • When pressed in the incoming call screen, rejects the call

※ The actual feature in the vehicle may differ from the illustration.

Starting the System for the First Time

Turning the System On/Off

Press the engine start button or set the ignition key to On or ACC. Each time you turn on the system, a boot logo and safety warning will appear.

Pressing the power key on the head unit will make the user agreement screen appear.

📝 **NOTICE**
• You cannot operate the system while it is booting up.

Pressing and holding the power key on the head unit will turn off the system.

ℹ️ **Information**
• If you turn off the system during a phone call using the Hands-free feature, the call will automatically switch to your mobile phone.

📝 **NOTICE**
• Check the volume when turning on the system. Before turning on the system, adjust the volume to a reasonable level.

System Reset

The System Reset function restores the sy when it is malfunctioning. Press and hold the RESET key for a second or longer. It is recommended that you press the RESET key using a tool, such as a pin or a paper clip.

📝 **NOTICE**
• Resetting the system restores all existing settings and configurations (volume, display, etc.) back to their factory defaults. This is not a system defect. It occurs because the information stored in the memory is reset back to factory settings as a normal part of resetting the system.

Battery Warning Message

Always use the system while the car engine is running. If you turn on the system while the engine is off, a battery warning message will appear. When the engine starts, the message will disappear.


⚠ CAUTION

• If you use the system for a long time with the engine off, the battery may become completely empty.

Restrictions on Features for Safety Measures

If you try to use features such as video mode that may distract you when you are driving, the system will turn the screen off or the function will be disabled and relevant warning message will appear. The audio player is not affected when video is off. The restriction screen will disappear when changing gear to P.

Home Screen

Controls Menu Configuration for the Home Screen
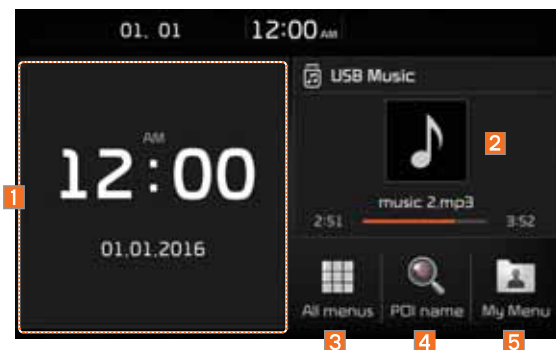
Features	Description
1 Navigation Widget	• Provides a brief view of the navigation map and the route screen. • Touch any area on the screen to move to the navigation screen.
2 AV Widget	• Shows brief information on the radio media currently playing. • Touch the area to move to the mode for what you are listening to.
3 All menus	Shows all of the items in the system menu.
4 POI name	Directly moves to the screen where you can search for your destination.
5 My Menu	• You can add and save up to eight menu items. • Add your favourite menu items to have quick and easy access to them.

Information Display on the Status Bar

Displays the date and time along with the system status shown by the various icons to the right of the clock.

The icons in the following table indicate the various types of system status details and events.

Icon	Description
	Displayed when the audio is muted.
	Displays the remaining battery of the Bluetooth phone.
	Displayed when connected to Bluetooth for handsfree.
	Displayed when connected to Bluetooth for streaming audio.
	Displayed when connected to Bluetooth for streaming audio and handsfree.
	Displayed when downloading contacts or recent calls from the Bluetooth phone.
	Displayed while on a call with the Bluetooth phone.
	Displayed when the microphone of the Bluetooth is muted.
	Displays the signal strength of the Bluetooth phone.
	Displayed when connected to Wi-Fi.
	Displayed when connecting to Wi-Fi.

01

Starting the System for the First Time I 1-11

Adding a Feature to My Menu Select My Menu on the Home Screen to add the most frequently used menus, change the menu order, or delete menus.

ℹ️ **Information**

• Up to 24 menus can be added to My Menu.

On-Screen Touch Controls

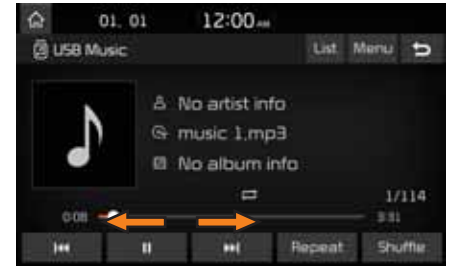Learn how to touch the screen to operate the system.

Select

Tap lightly on a menu or item to select it.

📝 **NOTICE**

• The system will not recognise your touch if you wear a glove or other non-conductive material. Touch the screen using your finger, an electrostatic touchscreen glove or a stylus pen.

Drag & Drop

Select a menu or item and drag and drop it where you want to place it.

Drag or touch the slider along the play bar in the music screens to jump to the point that you want to play from.

Flick (Quick Scrolling)

Quickly moves up and down in the list.

📝 **NOTICE**

• Moving the list when there are many items will display a handler to the right of the display. You can easily move many items at a time using the handler

Press and Hold

Pressing the [◄◄] and [►►] buttons in the music or video player will fast forward/rewind the music or video.

Starting the System for the First Time I 1-13
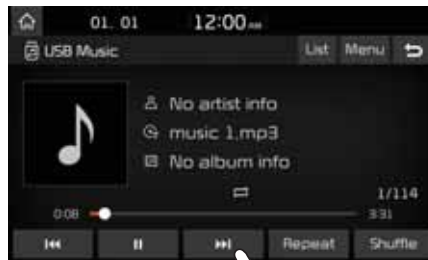
MEMO

part.2 Plug-in Hybrid Electric Vehicle (PHEV)

02

Plug-in Hybrid Electric Vehicle (PHEV)

Starting Plug-in Hybrid mode

Select the [PHEV] menu on the Home Screen, or select the [PHEV] menu from the Main Menu.
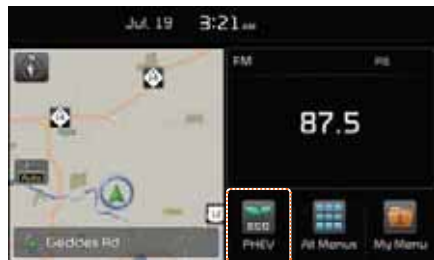
Menu screen for Plug-in Hybrid mode

Plug-in Hybrid mode consists of six menus and settings including ECO Driving, Energy Information, EV Range, Set Charging Times, Charging Stations (Search for Charging Stations), and Gas Stations (Search for Gas Stations).
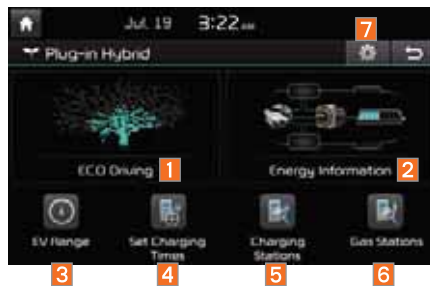
Features	Description
1 ECO Driving	Displays a real-time image for fuel economy or ECO level based on the user's selection. Provides detailed information on fuel economy, ECO level, or history when this menu is selected.

2 Energy Information	Displays a real-time image showing information about the battery and the flow of energy based on the user's selection.
3 EV Range	Displays the possible driving distance on a map.
4 Set Charging Times	Goes to the menu to set times for charging.
5 Charging Stations (Search for Charging Stations)	Displays a list of charging stations nearby.
6 Gas Stations (Search for Gas Stations)	Displays a list of gas stations nearby.
7 Settings	Goes to the settings menu to select the real-time information that will be displayed on the Home Screen.

Plug-in Hybrid mode Settings

You can change the settings for which real-time information will be displayed on the Home Screen.
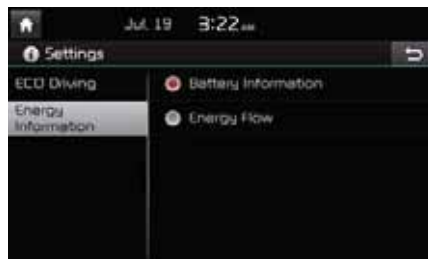
ECO Driving widget settings

You can select for the widget to display either fuel economy or ECO level.

Energy Information widget settings

You can select for the widget to display either information about the battery or the flow of energy.

ECO Driving

Displays fuel economy, information about ECO level, and history of ECO driving.

Energy Information

Displays detailed information about the battery and the flow of energy.

Features	Description
1 Average	Shows average fuel economy according to the vehicle's driving.
2 Reset	Resets information of the fuel economy graph displayed.
3 History	Shows fuel economy for the last 30 minutes(the graph is updated every 2 minutes and 30 seconds).

Plug-in Hybrid Electric Vehicle (PHEV) I 2-3

ECO Level

The following ECO levels are displayed according to the vehicle's mode.

The level increases as your driving becomes more economical and environment-friendly.

History

Driving dates, distance and fuel economy for the past 30 drives in the History are displayed.

ℹ **Information**

- Press the ⬚ Menu button at the top to delete History.

Energy Information

Displays detailed information about the battery and the flow of energy.

Battery Information

Features	Description
1 Total Range	Possible driving distance at current fuel level (sum of electricity and gasoline)
2 Electric	Possible driving distance with the currently remaining battery level
3 Gasoline	Possible driving distance with the currently remaining gasoline

4 Battery Gauge	Current level of battery charge
5 Expected Charging Time	Time required to complete charging when a charging cable is connected

ⓘ **Information**
• Depending on the type of charging cable used, the time remaining until charging is complete will be displayed when the cable is connected.

Energy Flow

Status of power delivery is shown for each component according to the vehicle's driving.
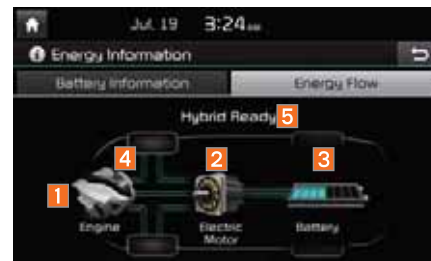
Features	Description
1 Engine	Shows operating status of the engine.
2 Electric Motor	Shows operating status of the hybrid motor.
3 Battery	Shows operating status and remaining battery power for driving the motor.
4 Shows flow of power delivery between the components.	
5 Shows driving status of the hybrid vehicle.	

Plug-in Hybrid Electric Vehicle (PHEV) I 2-5

Driving Status of Hybrid Vehicle

Idle Mode

The vehicle is in the Idle mode with no delivery of power.

Engine Mode

The engine's power is used for driving the vehicle.

Hybrid Mode

The engine's power and the motor's power are both used for driving the vehicle.

Charging

The engine's power is used for driving the vehicle and the battery is charged at the same time.

Charging

While the vehicle is in the Idle mode, the engine's power is used for charging the battery.

Engine Braking

The engine's power is reduced for slowing down the vehicle.

Charging

The deceleration energy from braking is used for charging the battery.

Electric Mode

The battery power is used for driving the motor, which drives the vehicle. The engine's power is not used.

Charging

The engine's power is used for charging the battery, and the motor's power is used for driving the vehicle at the same time.

Charging

The engine's power is reduced for slowing down the vehicle, and the deceleration energy is used for charging the battery at the same time.

Charging

Both the engine's power and the deceleration energy from braking are used for charging the battery.

Plug-in Hybrid Electric Vehicle (PHEV) I 2-7

EV Range
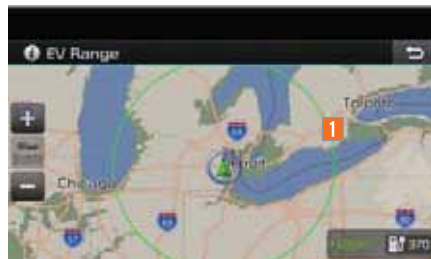
Name	Description
1 Green circle	Reachable area

Set Charging Times

Charging starts automatically at the set time on the day(s) of the week selected by the user.

Select the ⸢Press to Set Charging⸥ button to display the menu for selecting the charging method.
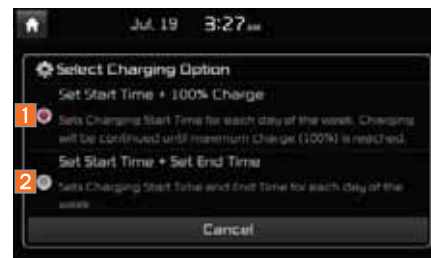
Name	Description
1 Set Start Time + 100% Charge	Set the start time for charging for each day of the week. Battery is charged until it is fully charged.
2 Set Start Time + Set End Time	Set the start time and the end time for each day of the week. Charging stops when it is the end time.

Depending on the charging method selected, a screen to set time(s) is displayed.

When selecting Set Start Time + 100% Charge

When selecting Set Start Time + Set End Time

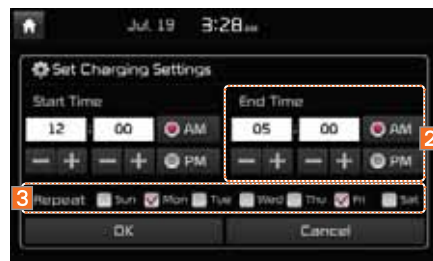| Name	Description
1 Charging Start Time	Select the time to start charging the battery.
2 Charging End Time	Select the time to stop charging the battery.
3 Repeat	Select the day(s) to start automatic charging with the set values.

The settings are displayed on the screen once saved.

	Description
1	Reselecting a list changes the settings.
2	Set a list to Off to disable its schedule settings.

ℹ Information

• The charging start time is set according to the current time displayed in the head unit.
• The battery charging function operates only when charging cable has been connected.

Electric Charging Stations

Shows the list of nearby EV charging stations within a driving distance.

Gas Stations

Search for gas stations.

part.2 AV

RADIO
USB
iPod
AUX
Bluetooth® Audio

03

AV

RADIO

Accessing RADIO Mode

You can access the radio player either by pressing the `RADIO`
key or by selecting the Radio menu option from All Menus on the
Home screen.

ℹ️ **Information**

• If you press the _____ key when the power is off, the power will be
  turned on and a radio broadcast will be tuned in.
• If you are in FM/AM Mode, select the FM/AM radio widget from the Home
  screen to access the radio player.

Features	Description
1 Mode Display	• Displays currently operating mode. • If select wanted mode tap, it will change to selected mode in Radio.
2 Preset	• Shows saved presets for user selection. • 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. ℹ️ A total of 36 frequencies with 12 preset frequencies each for FM1/FM2/AM modes can be saved.
3 Frequency	Displays the current frequency.
4 Scan	Plays frequencies with superior reception for 5 seconds each
5 Autostore	Saves frequencies with superior reception to Preset buttons ℹ️ While Autostore is operating, pressing the Autostore button again will cancel the function and play the previous frequency.
6 MENU	• Sound Settings Moves to the Sound Settings.
7 Back Button	Converts to basic mode screen.

Features	Description
8 SEEK/TRACK	• Pressing this button briefly (less than 0.8 seconds) : Seeks the previous/next station or frequency. • Pressing and holding this button (more than 0.8 seconds) : Moves quickly through all of the frequencies. When you release the button, the system will seek the next available frequency.
9 TUNE	Turn the ⬤ TUNE knob to manually seek available frequencies. • FM1/FM2 : Increment/decrement by 100 kHz • AM : Increment/decrement by 9 kHz

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/OGG files, only music files with compression rates between 8 Kbps ~ 320 Kbps can be played.
- Be careful of static electricity when connecting/disconnecting external USB devices.
- Encoded MP3 players will not be recognised when connected as an external device.
- When connecting an external USB device, the device may not properly recognise that the USB is in certain states.
- Only products formatted with byte/sectors under 64 Kbps will be recognised.
- This device recognises USB devices formatted in FAT 12/16/32 file formats. This device does not recognise files in NTFS file format.
- Some USB devices may not be supported due to compatibility issues.

2-4 I AV

- Take care that the USB connector does not come in contact with body parts or objects.
- Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.
- Be sure to connect/disconnect external USB devices with the audio power turned off.
- The amount of time required to recognise the external USB device may differ depending on the type, size or file formats stored on the USB. Any differences in the time required are not indicative 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. This may lead to poor performance or damage to the device.
- The device may not recognise the USB device if separately purchased USB hubs and extension cables are being used. Connect the USB directly to the multimedia terminal of the vehicle.
- 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 on specific USBs, files may not play properly.

• The device may not operate normally if MP3 players, mobile phones, digital cameras or other electronic devices (USB devices not recognised as portable disk drives) are connected to 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 other than Metal Cover Type USB Memory.
• The device may not support normal operation when using formats such as HDD, CF or SD memory.
• When playing iPods, please use a dedicated iPod car cable.
• Normal operation cannot be guaranteed when other cables are used.
• The device will not support files locked by DRM (Digital Rights Management).
• USB memory sticks used by connecting an adaptor (SD or CF) may not be properly recognised.
• Only use plug type connector products, as shown in the figure below.

Plug Type Connector

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

ℹ️ **Information**

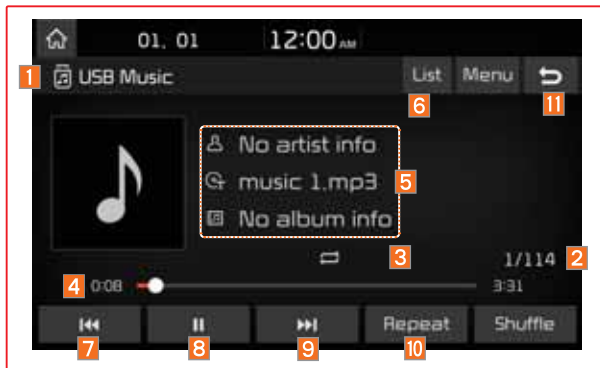• Problems that occur through use of USB devices not listed within the above table are not covered by the product warranty.

02

Supported Music Files Specifications

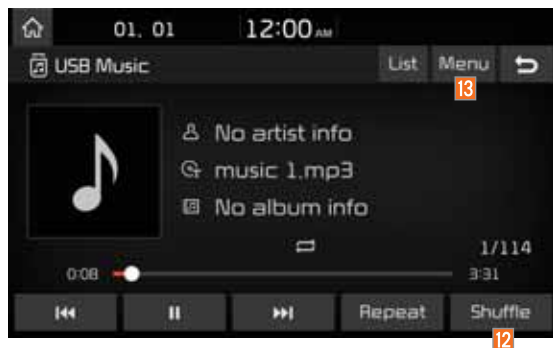| Name	Description
MP3 File Specification	Specifi cation : MPEG1 AUDIO LAYER 3
Recommended Bit Rates and Sampling Frequency	Acceptable sampling frequency : 32, 44.1, 48 (kHz)
	Acceptable bit rate : 32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 (Kbps)
	96,128, 192 Kbps fixed bit rate/44.1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

i **Information**

• The sound quality of MP3 files that use bitrates exceeding 192 Kbps cannot be guaranteed. When using files without fixed bit rates, some features (FF/REW features) may not properly operate.
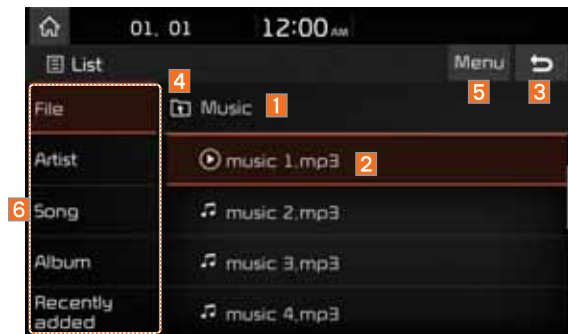
2-6 I AV

USB Music

Features	Description
1 Mode	Displays currently operating mode
2 File Index	Shows the current file/total files on the USB
3 Repeat/ Shuffle/Scan	From Repeat/Shuffle, displays the currently operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the information about the current track • When a track in the file tab on the list screen is selected : Displays folder, file, title, artist, album info • When a track in the other tabs on the list screen is selected : Displays artist, title, album info
6 List	Moves to the list screen

Features	Description
7 Previous File	If you press the button quickly (less than 0.8 seconds) : Moves to the previous file or plays the current file from the beginning (depending on the play time) • If play time is less than 3 seconds, moves to the previous file • If play time is more than 3 seconds, plays the current file from the beginning If you press and hold the button (more than 0.8 seconds), it rewinds the track
8 Play/Pause	Plays/pauses the current file
9 Next File	• If you press the button quickly (less than 0.8 seconds) : Moves to the next file • If you press and hold the button (more than 0.8 seconds) : It fast-forwards the track
10 Repeat	Repeats the current file • If you select a song in the file tab on the list screen : Press the Repeat button to switch between repeating one song, repeating the folder and turning repeat off • If you select a song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen : Press the Repeat button to switch between repeating one song and turning repeat off
11 Back Button	Converts to basic mode screen

Features	Description
12 Shuffle	Plays files in random order • If you select a song in the file tab on the list screen : Press the Shuffle button to switch between Shuffle Folder, Shuffle All and turning shuffle off • If you select a song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen: Press the Shuffle button to switch between Shuffle Category and turning shuffle off
13 Menu	• Delete Current File: A selected file can be deleted. Deleted file can be found in the to_ Delete folder. ⓘ This function is only suppored when USB format is compatable with FAT16 or FAT32. • Sound Settings: Moves to the Sound Settings screen. You can change the settings of the sound.
14 SEEK/TRACK	If you press the button quickly (less than 0.8 seconds), moves to the previous/next file or plays the current track from the beginning • If play time is less than 3 seconds, moves to previous/next file • If play time is more than 3 seconds, plays the current file from the beginning If you press and hold the button (more than 0.8 seconds) it will rewind/fast-forward the track
15 TUNE	Turn the ● TUNE knob to search for a track. When the desired track is displayed, press the ● TUNE knob to play the track.

2-8 I AV

Features	Description
1 Folder/ Category Name	Displays the folder/category name in the list
2 Current Song	Displays currently playing file name
3 Back Button	Converts to basic mode screen
4 Upper Folder/ Category	Moves to the higher folder/category

Features	Description
5 Menu	• Show current track : 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)
6 Search Menu	Search tracks by list type. Search for songs according to Playlist, Artist, Song, Album and Genre. ⓘ If you access the search menu while playing a track, it moves to the previous search mode.
7 SEEK/TRACK	If you press the button quickly (less than 0.8 seconds) : Plays previous/next track • If play time is less than 3 seconds, moves to previous/next file • If play time is more than 3 seconds, plays the current file from the beginning If you press and hold the button (more than 0.8 seconds) : Moves to the play screen, then it will rewind or fast-forward the track. It will play the track normally when the button is released.
8 TUNE	Turn the ● TUNE knob to move to the previous/ next list. When the desired track is displayed, press the ● TUNE knob to play the track.

iPod

Using iPod Devices

• iPod is a registered trademark of Apple Inc.

• iPod mode will not operate if the connected iPod cannot be recognised 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 on the Multimedia System.

• For fifth generation iPod Nano devices, the iPod may not be recognised when the battery level is low. Please charge the iPod.

• Search/play orders shown on the iPod device may differ from those displayed on the Multimedia 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.

• If you repeatedly connect and disconnect your iPod/iPhone to the Multimedia System using a USB cable over a short period of time, it may cause a malfunction.

• The recognition delay for an iPod/iPhone may vary depending on device type, firmware version and iOS version.

• For some iPod Touch and iPhone devices, connecting Bluetooth® while the iPod is operating may result in an interruption to the iPod audio output. This may occur when these devices are connected via Bluetooth® since the sound source is changed from the Dock Connector (USB connector cable) to Bluetooth.

• To prevent this, Bluetooth Audio function in the Multimedia System is limited if an iPod/iPhone is connected to the system via cable and Bluetooth simultaneously. To listen to iPod audio, either use the iPod menu if connected via USB or Bluetooth Audio if connected via Bluetooth.

• To listen to iPod audio, reconnect the USB cable or change the audio output settings on the iPod/iPhone to Dock.

• In order to use the iPod while operating the keys, you must use a dedicated iPod cable (the cable that was supplied when you purchased the iPod/iPhone product).
In the ACC ON state, connecting the iPod via the iPod cable (the cable that was supplied when you purchased the iPod/iPhone product) 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, be 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 play stopped/paused.

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

• When connecting to iPod Nano/Classic, the Kia Motor logo appears on the Apple device. On iPod Nano 6 generation devices, however, the logo image does not appear since it is not supported. All iPhone and iPod Touch products do not support this function.

• On Apple iOS 6.0 or later versions, Podcast and Audiobook media files are designed to be played using the Podcast and iBooks applications specifically designed for Apple products. If the Apple device does not have Podcast and Audiobook lists, the playlist may not be displayed and played in Multimedia System iPod mode.

• If the Apple Podcasts and iBooks apps are not installed on the Apple device, but the Apple device has the Podcast and Audiobook lists, you can play files in other categories in Multimedia System iPod mode.

02

iPod I 2-11

⚠ Caution

- While using a connected iPhone/iPod Touch device, it may not operate normally if the user changes any functions on the device.
- When calling with an iPhone connection, music may stop playing due to an Apple device feature. If sound does not resume after the call has been terminated, check the device status.
- If lots of songs have the same information, skipping may occur when previous/next song is chosen, due to an Apple device feature. Other problems may occur depending on device type or iOS version.
- If some songs have the same information, there may be a difference between the song playing on the Multimedia System and on the Apple device. Reset the device or delete the duplicate songs on the Apple device using iTunes.

- If you pause, repeat, shuffle or seek songs when the remaining play time is less than 3 secs, there may be a difference between the song playing on the Multimedia System and on the Apple device. Access the iPod music from another mode or pause the song and then select play again on the Apple device.

- We recommend that you use the latest firmware on your Apple device. Problems may occur with outdated firmware.

Type	1G	2G	3G	4G	5G	6G	6.5G	7G
iPod Mini	Not supported							
iPod Shuffle	Not supported							
iPod Nano							Not released	
iPod Touch	(iOS 1.1 not supported)					Not released		
iPad	(unable to charge, not verified, normal operation not guaranteed)							
iPad Mini	(unable to charge, not verified, normal operation not guaranteed)							
iPod Classic	Not supported				(iPod with Video)	(iPod Classic)	(iPod Classic)	Not released

| Type	3G	3GS	4G	4GS	5G
iPhone	Not verified, normal operation not guaranteed				

⚠ Caution

• If the iPhone/iPod Touch supports Bluetooth, Bluetooth Audio cannot be used if the Apple device is connected to the Multimedia System via both USB and Bluetooth. Disconnect the USB connection then use Bluetooth Audio
• With an iPod/iPhone connected to the Multimedia System via both USB and AUX, the iPod/iPhone will output sound via AUX, therefore sound may not be output in iPod mode.
• If the AUX cable is connected to the iPod/iPhone but not to the Multimedia System, sound may not be output in iPod mode due to an iPod/iPhone feature. This problem may occur in particular if you use the AUX cable for pictures.
• Disconnect the AUX cable from the iPod/iPhone first, then connect to the Multimedia System via USB. Or change settings to "Dock" in iPod/iPhone.

• If you connect to the Multimedia System while the Podcast or iTunes is downloading music to the iPod/iPhone, you may experience problems when you select a song in the list. Reconnect the iPod/iPhone to the Multimedia System when download is complete or the file has been deleted.
• If you connect to the Multimedia System while it is syncing, you may experience problems. Try to use the iPod/iPhone connection after sync is complete. To learn more, refer to your iPod manual.
• iPhone and iPod Touch devices are guaranteed to work normally on iOS 7.0.6 or below. However, they may not work normally on future iOS versions as their operations have not yet been tested.

iPod I 2-13
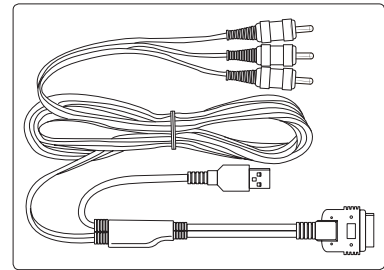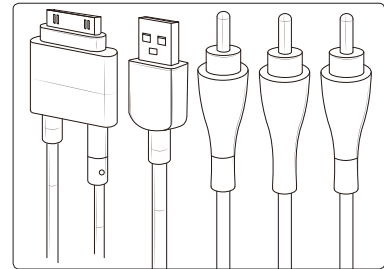
iPod
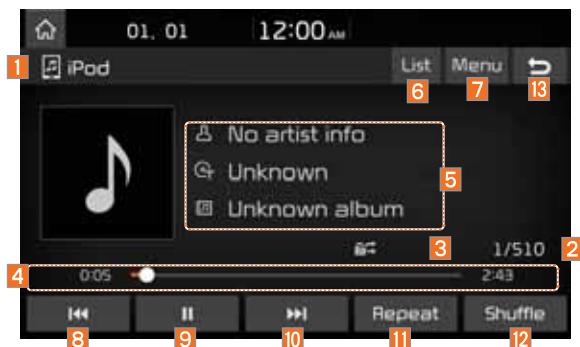
Features	Description
1 Mode	Displays currently operating mode
2 Song Index	Shows the current song/total songs
3 Repeat/Shuffle	In Repeat/Shuffle, displays the currently operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the artist/song title/album info
6 List	Moves to the list screen
7 Menu	• Sound Settings: Moves to the Sound Settings screen. You can change the settings of the sound.

Features	Description
8 Previous File	If you press the button quickly (less than 0.8 seconds) : Moves to the previous file or plays the current file from the beginning (depending on the play time) • If play time is less than 3 seconds, moves to the previous file • If play time is more than 3 seconds, plays the current file from the beginning If you press and hold the button (more than 0.8 seconds), it rewinds the track.
9 Play/Pause	Plays/pauses the current file
10 Next File	• If you press the button quickly (less than 0.8 seconds), it moves to the next file • If you press and hold the button (more than 0.8 seconds), it fast-forwards the track.
11 Repeat	Repeats the current file Press the Repeat button to switch between repeating a track and turning repeat off
12 Shuffle	Plays files in random order When pressing the Shuffle button, it changes to shuffle category deactivate shuffle then repeat • Shuffle Category : Shuffle songs in the current category
13 Back Button	Move to home/previous mode screen

2-14 I AV

Features	Description
14 SEEK/TRACK	If you press the button quickly (less than 0.8 seconds), it goes to the previous/next file or plays the current song from the beginning • If play time is less than 3 seconds, moves to previous/next file • If play time is more than 3 seconds, plays the current file from the beginning If you press and hold the button (more than 0.8 seconds) it will rewind/fast-forward the track
15 TUNE	Turn the ● TUNE knob to search for a track. When the desired track is displayed, press the ● TUNE knob to play the track. 🛈 If the ● TUNE knob is not pressed within 5 seconds of searching for tracks, the track info for the current track is restored.

iPod I 2-15

Features	Description
1 Category Name	Displays the category name
2 Category List	Displays the contents of the selected category ℹ️ If there are several items in the list, items are added in order and the scroll bar on the right is adjusted accordingly.
3 Back Button	Converts to basic mode screen
4 Upper Folder	Moves to higher folder
5 Search Menu	Search tracks by list type. Search for songs according to Playlist, Artist, Song, Album and Genre. ℹ️ If you access the search menu while playing a track, it moves to the previous search mode.
6 SEEK/TRACK	If you press the button quickly (less than 0.8 seconds), it goes to the previous/next file or plays the current song from the beginning • If play time is less than 3 seconds, moves to previous/next file • If play time is more than 3 seconds, plays the current file from the beginning If you press and hold the button (more than 0.8 seconds) it will rewind/fast-forward the track.
7 TUNE	Turn the ⬤ TUNE knob to search for a track. When the desired track is displayed, press the ⬤ TUNE knob to play the track. If you do not touch with the knob for 5 seconds, the ⬤ TUNE knob search will end.

AUX

Connect External Devices

Connect an external device cable to the AUX input to automatically switch to AUX mode. Unplug the cable to automatically switch back to the previous mode.

AUX audio mode is available only when an external device (laptop, MP3 player etc.) is connected.

The AUX input volume can be adjusted separately from other AV modes.

i **Information**

• SEEK TRACK and ● TUNE knob operation is not available on the AUX screen.
• Video is not supported.

📝 **NOTICE**

• If only a cable is connected to the AUX without an external device, the mode will be changed to AUX, but noise may occur. When an external device is not being used, 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.

The actual feature in the vehicle may differ from the illustration.

Bluetooth® Audio

Bluetooth Audio Mode
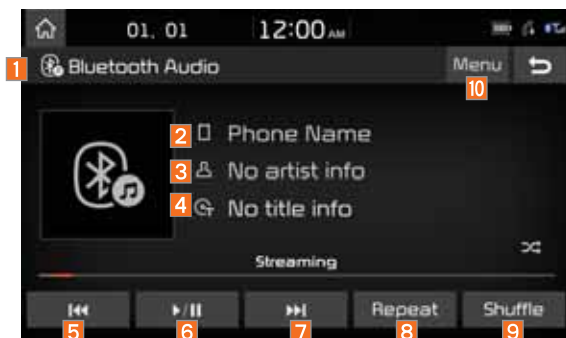
Features	Description
1 Mode	Displays currently operating mode
2 Phone Name	Displays name of connected phone

Features	Description
3 Artist Info	Name of current artist
4 Title	Name of current song
5 Previous File	• If play time is less than 3 seconds, moves to the previous file • If play time is more than 3 seconds, plays the current file from the beginning ⓘ This function may differ depending on the model of mobile phone
6 Play/Pause	Plays/pauses Bluetooth Audio
7 Next File	Moves to the next file
8 Repeat	Repeats the current file. ⓘ This function may differ depending on the model of mobile phone.
9 Shuffle	Plays files in random order. ⓘ This function may differ depending on the model of mobile phone.
10 Menu	• Connection settings: Moves to the Bluetooth Settings screen. You can pair a new device or change/ delete paired device(s). • Sound Settings: Moves to the Sound Settings screen. You can change the settings of the sound.
11 SEEK/TRACK	Plays the previous/next file
12 TUNE	● TUNE knob is not supported.

ⓘ **Information**

• Artist info and Title may not be supported on the mobile phone

Bluetooth Connections Settings

In Bluetooth Audio play screen, Select
Connections .

MEMO

part.3 Bluetooth

Before Using Bluetooth® Hands-free
Bluetooth Connection
Bluetooth Phone

04

Bluetooth

Before Using Bluetooth® Hands-free

What is *Bluetooth*® Wireless Technology?

- *Bluetooth*® Wireless Technology refers to a short-distance wireless networking technology that uses a 2.45GHz frequency to connect various devices within a certain distance.
- Supported within PCs, external devices, Bluetooth® phones, PDAs, various electronic devices and automotive environments, *Bluetooth*® Wireless Technology is transmitted at high speeds without having to use a connector cable.

- Bluetooth® Hands-free refers to a device that allows the user to conveniently make phone calls with Bluetooth® mobile phones via the Multimedia System.
- The Bluetooth® Hands-free feature may not be supported on some mobile phones.

Precautions for Safe Driving

- Bluetooth® Hands-free is a feature that enables drivers to practise 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 *Bluetooth*® Wireless Technology, carefully read the contents of this user manual.
- Excessive use or operation while driving may lead to negligent driving practices and may cause accidents. Do not operate the device excessively while driving.
- ∞ **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 for Connecting a Bluetooth® Phone

• Before connecting the head unit to the mobile phone, check that the mobile phone supports Bluetooth® features

• Even if the phone supports *Bluetooth*® Wireless Technology, the phone will not be connected if Bluetooth® is turned off. Turn on Bluetooth® prior to connecting to the head unit.

• The Bluetooth® phone will be connected automatically when the ignition is turned on, making it unnecessary to have to connect the phone with the head unit every time.

• If you do not want automatic connection with your Bluetooth® device, turn the Bluetooth® feature off on the Bluetooth® device.

• Park the vehicle when connecting the head unit to the mobile phone.

• Bluetooth® connection may be intermittently disconnected on 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 try again.

4. Reboot the Multimedia System and try again.

5. Delete all paired devices from both phone and Head Unit and try again

• The Hands-free call volume and quality may differ depending on the mobile phone.

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

• When downloading contacts, anything not described within this user manual may be related to the mobile device. In this case, please enquire with the mobile phone manufacturer.

Bluetooth Connection

Pairing a New Device

Before you can use the Bluetooth feature, you must first pair/connect your mobile phone to your car.
Up to 5 Bluetooth devices can be paired.
Only one Bluetooth device can be connected at a time.

Pairing a New Device by Selecting Phone/Call

Select **SETUP** key in the head unit Select **Bluetooth** or 📞 key in the steering wheel remote control.　Select **Yes** .
　Pair your car after your mobile phone detects the Bluetooth device.　Enter the passkey or accept the authorisation pop-up.　Connect Bluetooth.

Pairing a New Device Via Phone Settings

Select **SETUP** key in the head unit.
Select **Bluetooth** .　Select **Bluetooth connection** .
　Select **Add new** .　　Pair your car after your mobile phone detects the Bluetooth device.　Enter the passkey or accept the authorisation pop-up.　Connect Bluetooth.

The default passkey is 0000.
The device name above is an example. Check the actual information on the product.

Connecting Bluetooth Devices

Connect the Bluetooth devices that you add.

Connecting Devices by Selecting Phone/Call

Select **SETUP** key in the head unit Select **Bluetooth** or 📞 key in the steering wheel remote control.　Select the name of the device to connect.　Connect Bluetooth.

Connecting Devices Via Phone Settings

Select [SETUP] key in the head unit. Select [Bluetooth] . Select [Bluetooth connection]. Select the name of the device to connect. Connect Bluetooth.
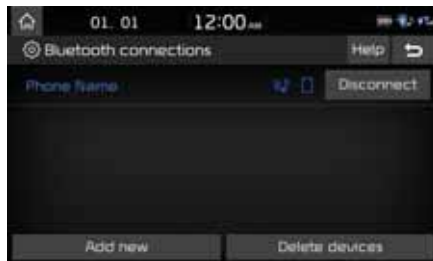
Disconnecting Bluetooth Devices

Disconnect Bluetooth devices that are connected.

Select [SETUP] key in the head unit. Select [Bluetooth] . Select [Bluetooth connection]. Select the name of the device to disconnect.

Deleting Bluetooth Devices

Delete Bluetooth devices that you have added. Note that deleting a Bluetooth device will delete all Call History and Contact Info downloaded as well.

Select [SETUP] key in the head unit. Select [Bluetooth] . Select [Bluetooth connection]. Select [Delete devices] . Select the device name to delete. Select [Delete] .

Bluetooth Phone

Phone Status Icons

Shows the current phone status in the top right of the display.

Icons	Description
	You can use Bluetooth phones when a Bluetooth hands-free connection is established.
	You can use Bluetooth audio features when a Bluetooth audio connection is established.
	You can use Bluetooth phones and audio features when both Bluetooth hands-free and audio connections are established.
	Call signal strength indicator
	Battery level of the Bluetooth devices connected
	Downloading Call History list
	Downloading Contacts
	During a Bluetooth phone call
	Microphone muted

ℹ **Information**

• The battery level icon and the call signal strength indicator may not be supported on some Bluetooth devices.
• The battery level may differ from the actual level remaining

Dial

Dials a call after the Bluetooth devices have been connected.

• Select SETUP key in the head unit Select Bluetooth or 📞 key in the steering wheel remote control.
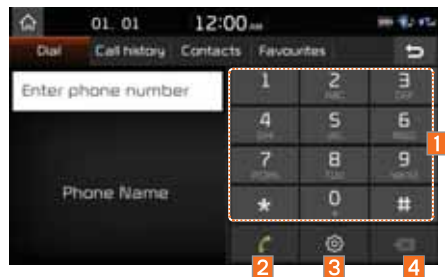• Select All menus from the full screen display Phone .

Name	Description
1 Keypad	Use the keypad to enter the phone number that you want to call. Press and hold the last number of a speed dial to dial a number that you have added to the Speed Dial list on the phone.
2 Call	Makes a call after you dial a number and select CALL. If the number is listed in Dialled Calls, you can select the number and press CALL to automatically dial that number again.
3 Settings	Moves to Phone Settings Screen
4 Delete	Delete the numbers that you entered.

ℹ️ **Information**

• Some types of mobile phone may not support the Speed Dial function.

Accept/Reject Call
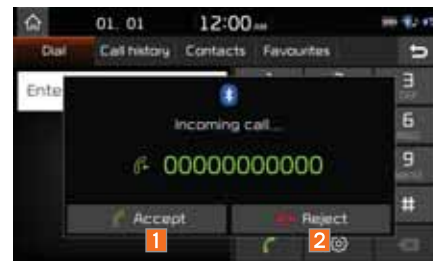
If there is an incoming call after you connected Bluetooth, a pop-up message will appear.

Name	Description
1 Accept	Answers the call.
2 Reject	Ignores the call.

ℹ️ **Information**

• On some mobile phones, the caller's number may not be displayed, and the Ignore feature may not be supported.

Using the Menu During a Phone Call
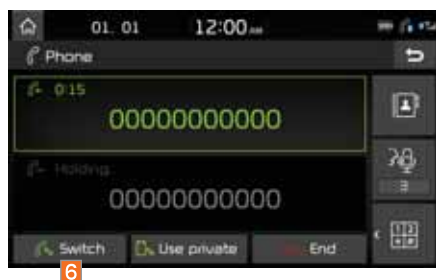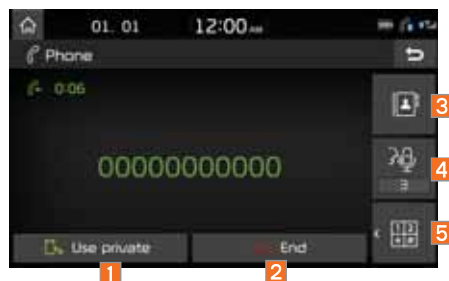
When making a call, you can use the following menu items.

Name	Description
1 Use private	Switches a voice call from the car hands-free to the mobile phone.
2 End	Ends a call.
3 Contacts	Displays the Contacts list.
4 Outgoing volume	Displays the Mic Volume settings. You can adjust the in-call volume that the other party hears (level 1 - 5).
5 Keypad	Moves to the screen for entering ARS numbers.
6 Switch	Switches to a call on hold, if any. You can also switch calls by selecting the number in the Information Display. The Switch function switches the current call to a waiting call in order to answer a new incoming call.

ℹ **Information**

• If the caller's number is listed in Contacts, the caller's name will be displayed. Otherwise, only the number will be displayed. On some mobile phones, the phone number may not be displayed.
• On some Bluetooth devices, the Use Private feature may not be supported.
• On some Bluetooth devices, the Switch feature may not be supported.
• During a phone call on a Bluetooth Hands-free, you cannot access other modes, such as Radio and Setup.
• Depending on handset type, the in-call volume that the other party hears may differ. If the other party reports that your voice is too quiet or too loud, adjust the mic volume.

Call history

Select SETUP key in the head unit Select Bluetooth and then Call history .
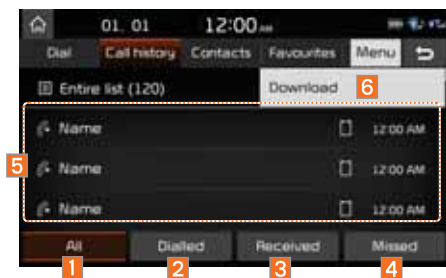
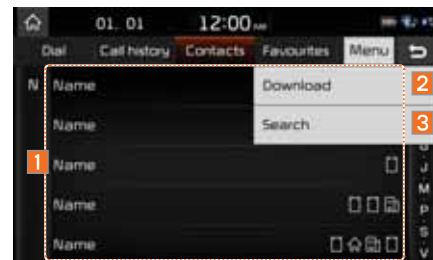| Name	Description
1 All	Lists the all call history.
2 Dialed	Lists the calls that you have made.
3 Received	Lists the calls that you have received.
4 Missed	Lists the calls that you have missed.
5 Call history	Displays your call history. Select from the list to dial the number.
6 Download	Downloads the call history information from your mobile phone.

ⓘ **Information**
• On some mobile phones, call records might not be added to your Call History.
• Calls from restricted IDs are not added to your Call History Information.
• Up to 50 calls can be added to each Dialled Calls/Received Calls/Missed Calls list.
• The duration of each dialled/received call is not displayed on your car's Call History list.
• When the call history download is in progress, the status bar displays an icon (📶).
• If the call history download is turned off via the Bluetooth device, the download will fail.
• Some devices require device authentication for downloading call history. If download fails, check if the Bluetooth settings or display status are normal.
• Some devices do not support downloads. Check whether your Bluetooth device supports downloads.

Contacts

Select SETUP key in the head unit Select Bluetooth and then Contacts .

Name	Description
1 Contacts list	The list of Contacts. Select from the list to dial the number.
2 Download	Downloads contacts from your mobile phone.
3 Search	Searches Contacts.

i Information

- Up to 5000 phone numbers can be downloaded from a single, paired Bluetooth device.
- You cannot edit and delete downloaded phone numbers from your car.
- Contacts can be viewed only when the Bluetooth device is connected.
- Even if the Bluetooth device is disconnected, the downloaded data will remain. Note that deleting a paired phone will also delete all downloaded Contacts and Call History data.
- Downloaded phone numbers may be lost depending on the condition of the head unit. Keep your important data in a safe place.
- Depending on differing mobile phone models and conditions, the time for transferring and downloading contacts may vary.
- If you download contacts from your phone, the existing data will be deleted.
- By default, contacts from both the SIM card and your mobile phone are downloaded at the same time.
- While downloading contacts, the status bar displays a 📇.
- If the contacts download function is turned off on the Bluetooth device, the download will not be available.

- Some devices require device authentication for downloading contacts. If download fails, check if the Bluetooth settings or display status are normal.
- Some devices do not support downloads. Check whether your Bluetooth device supports downloads.
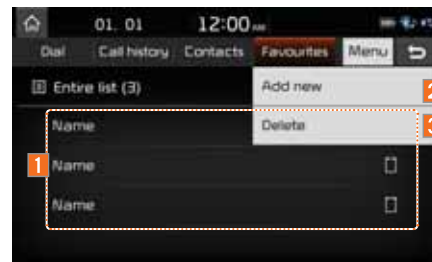
Favourites

Select SETUP key in the head unit Select Bluetooth and then Favourites .

Name	Description
1 Favourites	List the phone numbers saved as favourites. Select from the list to dial the number.
2 Add new	Add a new number to Favourites.
3 Delete items	Delete numbers that you select from Favourites.

part.6 Navigation

05

Navigation

Basic Features

Operating Navigation Screen

Basic features on the map screen.

	Name	Description
1	Place or Address	Move to Places Menu.
2		Go to the Home screen.
3		Change the map view mode.
4	NAVI	Adjusts the volume.
5	+	Zoom in the map.
6	150ft Auto	Set the zoom level automatically according to the guidance.
7	—	Zoom out the map.
8		Quick and easy selection of a destination and options.
9	Navi Menu	Enter the navigation menu screen.
10		Touch to scroll the map.
11	Set as Destination	Quick and easy selection of a destination from the map screen.
12	Add Waypoint	Set a waypoint to the current route.
13	Save	Save frequently used address to address book.
14	POI	Find a POI(Point Of Interest) around the current position.
15		View the vehicle's current position on the map screen.

Places

You can use this menu when the gear is in "Parking" mode and there is no destination set. Press the Search screen to move to "Places".

Please refer to "Places" in "Destination Search" for more details.

Changing Map View

Touch the compass arrow icon to toggle between a map oriented to the North, oriented parallel to the vehicle's heading and 3D View.

Navigation Volume

Press the ![navi] button to adjust the navigation volume.

Name	Description
1	Set the volume to mute.
2	Turn the volume down.
3	Turn the volume up.
4	Slide to set the volume.
5	Sets the volume of voice guidance louder than that of audio.

Zoom In/Zoom Out

Zoom the map view screen in and out.

Press ![+] or ![-] to set the zoom level.

Map Scale

Sets the zoom level automatically according to the type of road.

Name	Description
![Scale Fix] Scale Fix	Manually adjust the map scale.
![Auto Scale] Auto Scale	Change the map scale automatically depending on the type of road.

Menu

Route

Press ![menu] button on the bottom left of the screen ▶ Press Route button.

Select the Route button to set Reroute, Route Options or Detour.

Reroute

The `Reroute` button is active only when there is an active route.
You can search a route again.

Route Options

You can select an option from Route, Traffic Information, Freeway, Toll Roads, Ferry, HOV/Carpool Lanes, Electronic Toll or Private/Gated Roads.
Press `Save` to save your selection.
If there is a route already saved, another route will be searched.

Detour

The `Detour` button is active only when there is an active route.

Selected distance is detoured from the current location.

Map Display

Displays the direction of the map.
Press ⓝ, 🧭 or 🧭.

Name	Description
1 ⓝ North Up (2D)	Displays always has north at the top of screen.
2 🧭 Heading Up (2D)	Displays always shows the vehicle's direction as proceeding towards the top of the screen.
3 🧭 3D	Shows the map in 3 dimentions.
4 3D Buildings	Shows or hides build-ings on the map.

POI

Select the ☰ button on the bottom left of the screen ▶ Select the POI button.

View Nearby POIs

Press On , Off button to set whether to show nearby POIs or not. When catego-ries are selected, they will appear on the map. (ex. Gas Stations)

The lists of nearby gas stations are dis-played.

The list can be sorted to display in order of distance or name.
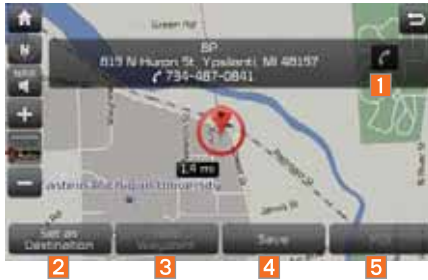
Name	Description
1 📞	Call to the selected location (Phone needs to be connected via Bluetooth).
2 Set as Destination	Set the place as a destination.
3 Add Waypoint	Set the location as a waypoint.
4 Save	Save the location.
5 POI	Search nearby POIs.

Edit

Change the shortcut POIs to display (ex. Gas Stations)
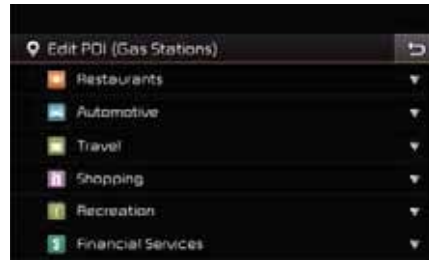
Select the desired category to change. (ex Restaurants)

Select new category to display (ex. American)

Gas Stations is changed to American.

POI Categories

Select the item to search.

Press the History button to check the previous search result.

Press the Search button to search the POI category by name.

Select the desired POI to check the location and for detailed information.

Name	Description
1	Search POI around the current position.
2	Search POI around the destination. ℹ Active only when a route's planned.
3	Search POI along route. ℹ Active only when a route's planned.
4	Search POI around the current cursor when the map scrolled. ℹ Active only when the cursor position is different from the vehicle position.
5	Search POI around the city selected.

Traffic

Press the ![menu] button on the bottom left of the screen ▶ Select the Traffic button.

Traffic List

On the traffic list, the current traffic/road event information is displayed in order of distance.

Name	Description
1	Direction from the current location.
2	Distance from the current location (mi or km).
3	Displays traffic info symbol based on the type of event.
4	Description of traffic event.

Additional traffic information may be displayed upon clicking on the Category button.
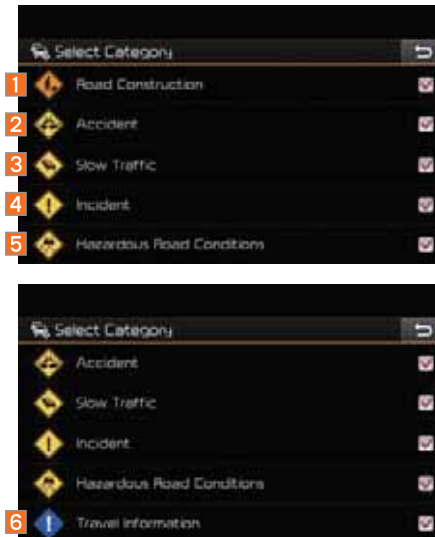
Name	Description
1	Display 'Road Construction' information.
2	Display 'Accident' information.
3	Display 'Slow Traffic' information.
4	Display 'Incident' information.
5	Display 'Hazardous Road Conditions' information.
6	Display 'Travel Information'.

When On Route is activated, only traffic information on your route is displayed.
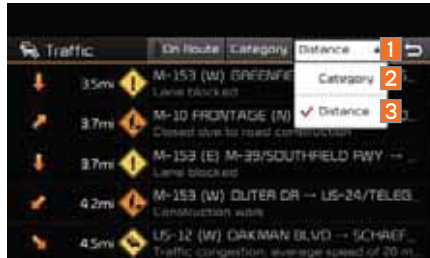
On the traffic list, the current basic traffic/road event information is displayed in order of distance.

Select the combo box to change the arrangement in order of Category/Distance.

Name	Description
1	Select the combo box to arrange.
2	Arrangement by category: Display traffic information arranged in order of traffic information event type.
3	Arrangement by distance: Display the traffic information in order of distance closer to the current location.

Traffic detail
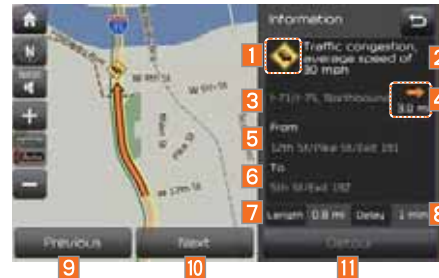
Select the traffic information on the traffic list to display the detailed screen as shown in the screen.

Display the symbol of traffic event and arrow which indicates the road from start to end of the traffic event. Detailed information is available on the right screen.

Name	Description
1	Symbol of traffic event.
2	Event name of traffic information.
3	Road name/road number including direction.
4	Direction and distance from the current location.
5	Intersection where traffic event starts.
6	Intersection where traffic event ends.
7	Total distance of traffic event.
8	Estimated delay time.
9	Check the previous traffic information.
10	Check the next traffic information.
11	Detour the route based on the traffic information.

Traffic detour

If there is traffic information on the route, it is possible to detour the route using traffic information and search other routes.

When the Detour button is enabled in the View Traffic Detail, press the Detour button to detour.

Select the desired section.

Check the information and press the Detour button.

Press the Start Guidance button to apply the detoured sections and search other routes.

Traffic Pop-up
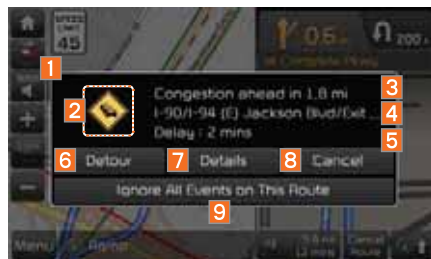
If there is "red traffic flow" on the route, a traffic information pop-up is displayed.

On the traffic information pop-up window, brief information is displayed and Details and Detour can be selected.

If you do not wish to see this pop-up displayed again during the current route, select Ignore All Events on This Route button on the display.

Name	Description
1	Pop-up Icon
2	Symbol of traffic event
3	Road Name/Road Number
4	Distance from current location.
5	Estimated delay time.
6	Search detour route.
7	View the detailed information regarding traffic event.
8	Close the pop-up message.
9	Set not to display pop-up on the current route. (Maintained until the destination is reset)

On the traffic information pop-up, select detour or details to perform action.

Press Detour to change the route.

Press Details for further information.

Save

Press the ☰ button on the bottom left of the screen ▶ Select the Save .

To store the location on the current map to the address book.

Name	Description
1	Change the name.
2	Enter the phone number.
3	Select the ON , OFF button to set the sound notification.
4	Possible to register Symbol.
5	Press Icon&Name , Icon or None to display on the map screen.
6	Designate to the Favorite item. When the favorite is designated, press the button on the bottom of the Destination menu and request the route guide immediately.
7	Save the setting.

Turn List

Press the ☰ button on the bottom left of the screen ▶ Select the Turn List .

Turn on or off the Turn List.

06

Destination Search

Places

You can enter POI Name, Address or Coordinates that you wish to search by.

Press the 󰀁 MAP VOICE head unit key. ▶ Select the 󰀁 Navi Menu in the bottom of right of the screen. ▶ Select the Destination tab. ▶ Select the Place or Address 🔍 Search Bar.

Enter the POI Name, Address and Coordinates of the location you want in the input window above, and press the Done button.

If you select a location from the search result list, it will bring you to the point.

If you press the Filter by City button on the search result screen, it will bring you to the City search screen where you can filter the search results by city names.

If you press the Filter by Category button from the search result screen, it will bring you to the POI Categories screen where you can filter the search results by POI Categories.
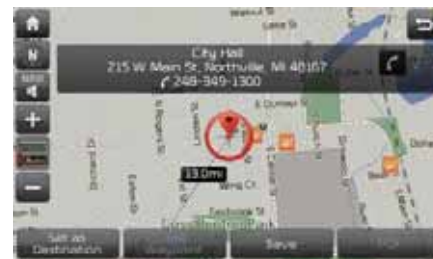
Once the destination has been identified either by POI name, address, or coordinates, the map screen will be displayed.

From this screen you can set the destination or add a waypoint, or add the displayed destination to your address book.

Address

Set destination by address search.

Press the ⬛MAP VOICE head unit key. ▶ Select the ⬛Navi Menu in the bottom of right of the screen. ▶ Select the Destination tab. ▶ Select the Address icon.

How to Search Address

Search criteria can be entered in any order. Example: State then City then Street then House No. .

Name	Description
1	Select state to search.
2	Enter house number. If you don't know the house number, press Skip button.
3	Enter a street name. If same street names exist in other cities, the list of cities will be displayed.
4	Select a city before entering the street name. Addresses are searched only from the selected city.

Enter the address to check the location information on the map.

Name	Description
1 Set as Destination	Set the location as a destination.
2 Add Waypoint	Set the location as a waypoint.
3 Save	Save the location.
4 POI	Search nearby POIs.

Previous Destinations

Select from previously inputted addresses and POIs.

Press the $\boxed{\text{MAP VOICE}}$ head unit key. ▶ Select the $\boxed{\text{Navi Menu}}$ in the bottom of right of the screen. ▶ Select the $\boxed{\text{Destination}}$ tab. ▶ Select the $\boxed{\text{Previous Destinations}}$ icon.
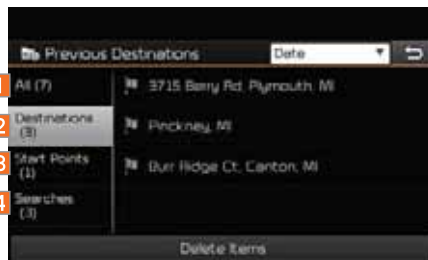
Arrange by all, latest destinations, latest searched places and latest departing places. Arrange in order of date and time.

Name	Description
1 All	Display all destinations, departing places, and searched places.
2 Destinations	Display previous destination places for route guidance.
3 Start Points	Display previous departing places for route guidance.
4 Searches	Display previously searched places for route guidance. ⓘ But, not displayed when the searched places are set as destination.
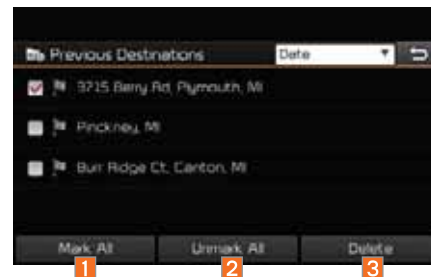
Press the $\boxed{\text{Delete}}$ button to delete the information.

Name	Description
1 Mark All	Select all.
2 Unmark All	Deselect all.
3 Delete	Delete the selected item(s).

Local Search

Press the [MAP VOICE] head unit key. ▶ Select the [Navi Menu] in the bottom of right of the screen. ▶ Select the [Destination] tab. ▶ Select the [Local Search] icon.

Runs Google Local Search.
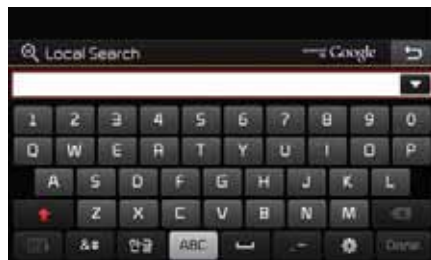
Enter the desired keywords and press the [Done] button.

Searching is in progress.

If one or more results are found, the search results are displayed. Select one of the search result.

Press the [Set as Destination] button to start guidance.

POI Categories

Press the MAP VOICE head unit key. ▶ Select the Navi Menu in the bottom of right of the screen. ▶ Select the Destination tab. ▶ Select the POI Categories icon.

Select the desired item.

Select the desired item in the sub-categories.
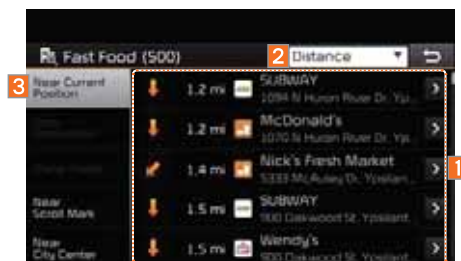
Name	Description
1	Select the desired destination among the searched items and add it as a way point.
2	Arrange in order of Distance and Name.
3	Arrange in order of Near Current Position, Near Destination, Along Route, Near Scroll Mark and Near City Center.

Charging Stations

Search for charging stations.

Press the MAP VOICE head unit key. ▶ Select the Navi Menu in the bottom of right of the screen. ▶ Select the Destination tab. ▶ Select the Charging Stations icon.
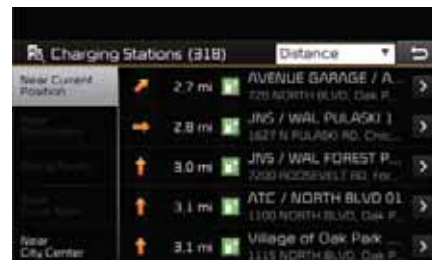
Select the desired destinations among the search items.

Restaurants

Search restaurants.

Press the **MAP VOICE** head unit key. ▶ Select the **Navi Menu** in the bottom of right of the screen. ▶ Select the **Destination** tab. ▶ Select the **Restaurants** icon.

Select the desired destination among the searched items.

Emergency

Search emergency facilities.

Press the **MAP VOICE** head unit key. ▶ Select the **Navi Menu** in the bottom of right of the screen. ▶ Select the **Destination** tab. ▶ Select the **Emergency** icon.

Check the current location information and select the desired item in the sub menu (ex. Police Stations)

Select the desired destination among the searched items.

Address Book

Search the destination with the address book.

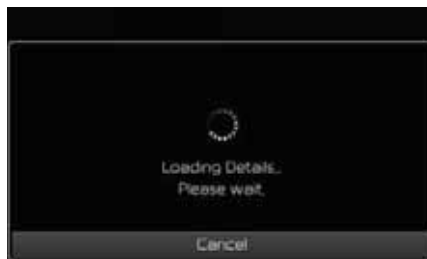Press the MAP VOICE head unit key. ▶ Select the Navi Menu in the bottom of right of the screen. ▶ Select the Destination tab. ▶ Select the Address Book icon.
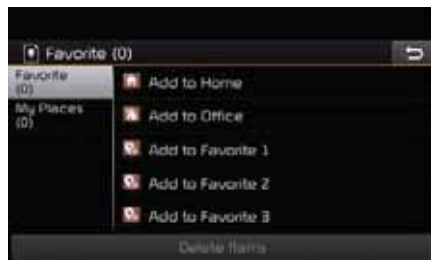
If you save address in the Favorites tab, you can set destinations easily by pressing the icons such as Go Home and Office at the bottom of the Destination menu.
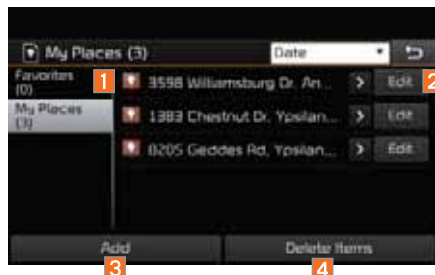
Name	Description
1	Select the desired destination from the searched items.
2	Edit the item.
3	Register a new Address.
4	Delete the desired item.

Phone Number

Press the MAP VOICE head unit key. ▶ Select the Navi Menu in the bottom of right of the screen. ▶ Flick the screen in up direction to scroll to the bottom row of icons in the Destination tab. ▶ Select the Phone Number to search POI by phone.

Search destination by phone number.

Select the desired group.

Type phone number to search. To search for a list of numbers based on a partial phone number entry, enter a few numbers and press Done to narrow the search results.

Select the desired destination among the searched items.

Press the Set as Destination button to start guidance.

Freeway Exit/Entrance

Press the MAP VOICE head unit key. ▶ Select the Navi Menu in the bottom of right of the screen. ▶ Select the Freeway Exit/Entrance to search by freeway exit/entrance.
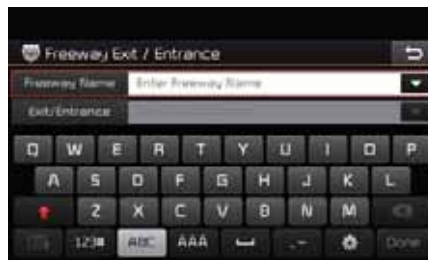
Type freeway name and exit/entrance.
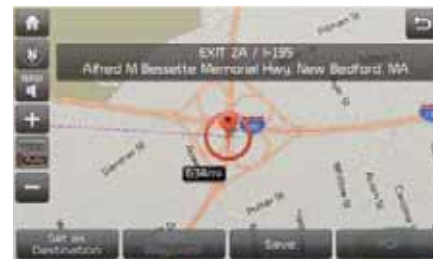
Press the Set as Destination button to start guidance.

Intersection

Press the <kbd>MAP VOICE</kbd> head unit key. ▶ Select the <kbd>Navi Menu</kbd> in the bottom of right of the screen. ▶ Select the <kbd>Intersection</kbd> to search by intersection.

Type 1st Street name, the State, 2nd Street name.

Press the <kbd>Set as Destination</kbd> button to start guidance.

Coordinates

Press the <kbd>MAP VOICE</kbd> head unit key. ▶ Select the <kbd>Navi Menu</kbd> in the bottom of right of the screen. ▶ Select the <kbd>Coordinates</kbd> to search by coordinates.

There are two ways to search by coordinates (D.M.S or Decimal Degrees). After typing coordinates, press the <kbd>Done</kbd> button to search.

Press the Set as Destination button to start guidance.

Favorite Places

Set the route using your favorite places. Press the MAP VOICE head unit key. ▶ Select the Navi Menu in the bottom of right of the screen. ▶ Select the Destination tab. ▶ Select from favorite places.

On the button where locations are not registered, the ➕ icon is displayed. When a location is registered, the ➕ button disappears and the buttons 1 to 3 are displayed as your favorite places.

Press the Go Home button then press the Yes button to set the Favorite 'Go Home'.

Destination Search I 6-23
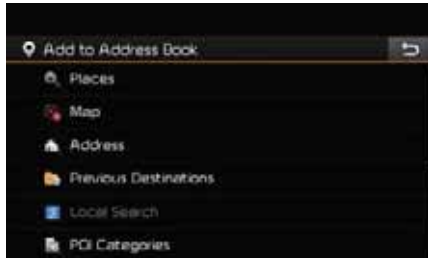
Office, Special 1, Special 2, and Special 3 can also be set as a Favorite using the same steps.

Pressing any of the Favorite Place buttons will start the route guidance to the saved Favorite address.

Route Setting

The route can be set after searching for a destination.

While the destination is set, the buttons Set as Destination and Add Waypoint appear. Press the desired button to change a destination or add a waypoint.

Destination Setting

After searching the destination, press the Set as Destination button to set the location as a destination.

All Routes
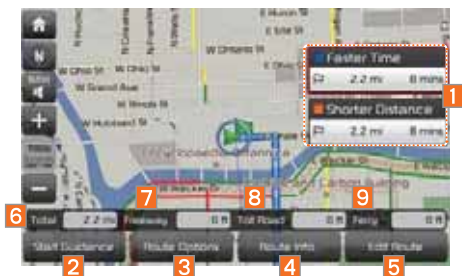
When the alternative routes option is enabled in navigation setting, two routing options are displayed based on faster time and shorter distance.

• Faster Time: Select time-optimized route, being the fastest roads.
• Shorter Distance: Select short distance, irrespective of how fast or slow progress will be calculated.

Name	Description
1 Faster Time / Shorter Distance	Display total distance, travel time. Select the desired route.
2 Start Guidance	Start the guidance with the route.
3 Route Options	Change the route option.
4 Route Info.	You can check route information.
5 Edit Route	Edit the route.
6 Total	Display total distance of the route.
7 Freeway	Display length of freeway on the route.
8 Toll Road	Display length of toll road on the route.
9 Ferry	Display length of Ferry route on the route.

The route will be calculated using the option "Faster Time" by default.

Alternative routes can be suggested if necessary, SETUP key ▶ Navigation Icon ▶ Route ▶ Alternative: ON
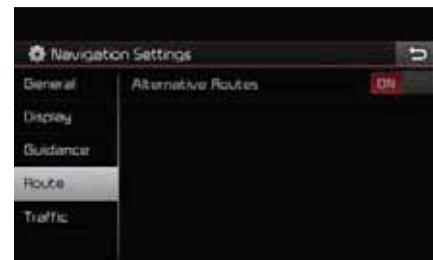
Adding Waypoint

Press the Add Waypoint button to set the position as a waypoint and search the route.
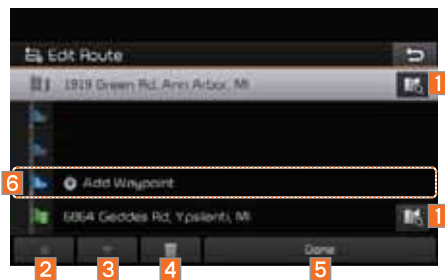
Registering Location

Press Save at the desired location to register the location.
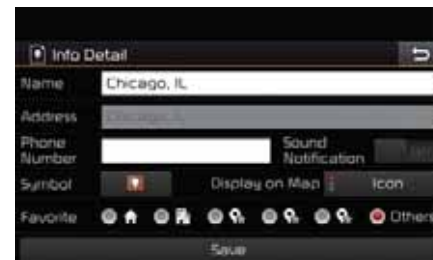
Enter the detailed information of the location to save.

Name	Description
1	Display the selected point on the map screen.
2	Move the selected item up.
3	Move the selected item down.
4	Delete the selected item.
5 Done	Press the button to finish editing.
6 Add Waypoint	Press the button to add waypoint.

Route Guidance

Show route guidance detailed information.

Route Guidance Screen
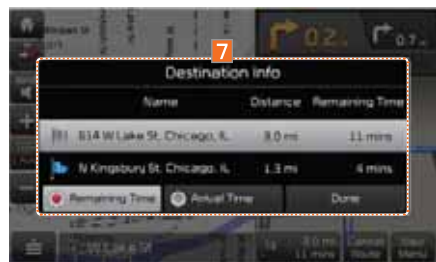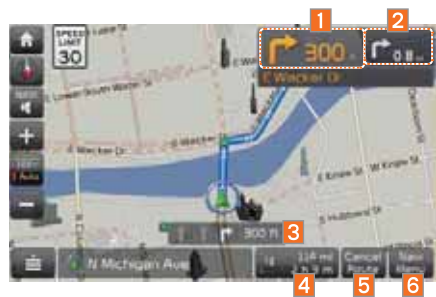
Remaining Time: Display the time remaining until destination.

Arrival Time: Display the estimated time of arrival.

Name	Description
1	Displays the distance and direction to the first turn point.
2 	Displays the distance and direction to the second turn point.

3 	Displays the lane information at the current location. Display the recommended direction in white, travelable direction in white, and the non-travelable direction in grey.
4 	Displays the distance to the destination and the estimated time of arrival. Press the button to check the detailed information. If no waypoint is set, you will see the remaining distance or estimated time of arrival in turn each time you click the button.
5 Cancel Route	Cancel the route.
6 Navi Menu	Enter the navigation menu screen.
7 Destination Info	Displays the destination information.
8 Turn List	Turn on or off the Turn List.

Split Screen during Route Guidance
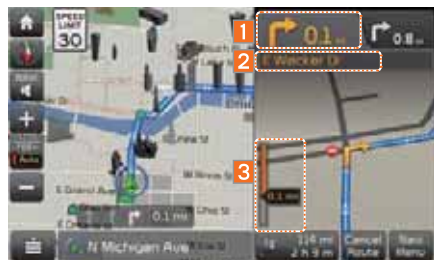
Approaching the turning point, the detailed road and travel information is automatically displayed on the right side of the screen.

Name	Description
1 0.1 mi	• Turn Point: Displays direction and shape to turn shortly. • Distance to turn: Displays distance to next turn point.
2 E Wacker Dr	Road name to maneuver: Info of the road.
3 0.1 mi	Detail Distance Bar: Displays distance to next turn point.

Details additional info can be displayed on Freeway.

Additional info of Freeway exit or Rest area can be displayed by pressing the button Details .

Detailed information for POIs around freeway exit is listed by pressing POI symbols.

Route Search

Canceling Route

Cancel the route.

Press the MAP VOICE head unit key. ▶ Select the Navi Menu in the bottom of right of the screen. ▶ Press the Route tab. ▶ Select Cancel Route .

Press the Cancel Route icon.

Press the Yes button to cancel the route.

Display Route Information

Press the MAP VOICE head unit key. ▶ Select the Navi Menu in the bottom of right of the screen. ▶ Press the Route tab. ▶ Select Route Info. .

Press the Route Info. icon.

Check the information on the map. Select the desired item to see the map information.

Avoiding a road

Click the Avoid Street button to avoid the street or road.

Check the desired item and press the Done button to finish.

Route Overview

Check the information on route including the distance, estimated time, toll fees, etc. Press the MAP VOICE head unit key. ▶ Select the Navi Menu in the bottom of right of the screen. ▶ Press the Route tab. ▶ Select Route Overview .

Press the Route Overview icon.
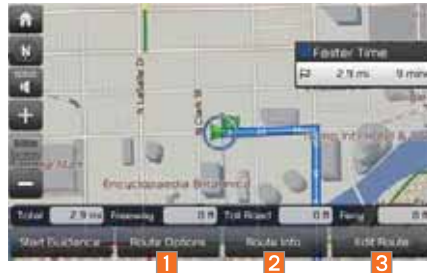
Name	Description
1 Route Options	Change the search option.
2 Route Info.	You can check route information.
3 Edit Route	Edit the current route.

Route Preview

Check the detailed turn-by-turn list.
Press the MAP VOICE head unit key. ▶ Select the Navi Menu in the bottom of right of the screen. ▶ Press the Route tab. ▶ Select Route Preview .

Press the Route Preview icon.

Name	Description
1 Departure Place	Move to the departure location.
2 Previous	Move to the previous maneuver.
3 Forward	Move to the next maneuver.
4 Destination	Move to the destination location.
5 Section Displaying Bar	Touch bar to move to the specific position.
6 ⤺	Close the route preview.

Editing Route

Edit the current route.

Press the **MAP VOICE** head unit key. ▶ Select the **Navi Menu** in the bottom of right of the screen. ▶ Press the **Route** tab. ▶ Select **Edit Route**.

Press the **Edit Route** icon.
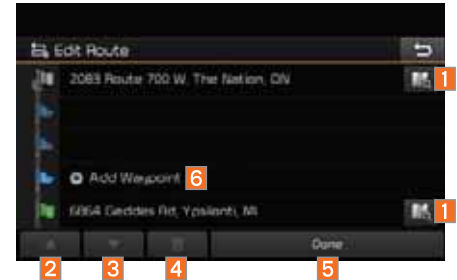
Name	Description
1 🔍	Display the selected point on the map screen.
2 ▲	Move the selected item up.
3 ▼	Move the selected item down.
4 🗑	Delete the selected item.
5 Done	Press the button to finish editing.
6 Add Waypoint	Press the button to add an waypoint.
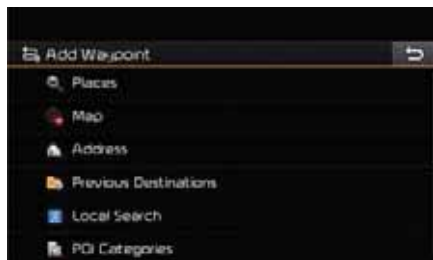
Add the waypoint through various searching methods.

Route Options

Press the 🔲 **MAP VOICE** head unit key. ▶ Select the 🔲 **Navi Menu** in the bottom of right of the screen. ▶ Press the 🔲 **Route** tab. ▶ Select 🔲 **Route Options** .

Press the 🔲 **Route Options** icon.

Determine the route options to guide the route.

Avoid Street

Search new route by avoiding the selected street(s).

Press the 🔲 **MAP VOICE** head unit key. ▶ Select the 🔲 **Navi Menu** in the bottom of right of the screen. ▶ Press the 🔲 **Route** tab. ▶ Select 🔲 **Avoid Street** .

Press the 🔲 **Avoid Street** icon.
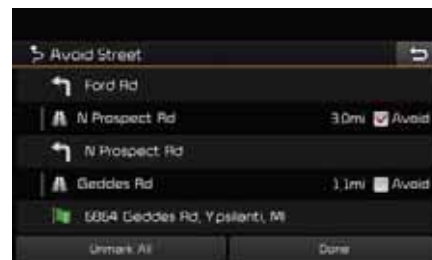
Press the 🔲 **Done** to plan new route after selecting the street(s) that you want to avoid.

Navigation Settings

General

Change general settings.

Name	Description
1 Unit	Change the unit of mile , km .
2 Show Previous Destinations after Navigation Start-Up	Press the ON , OFF button to change the previous destination view setting when starting the navigation.
3 GPS Information	Check the GPS information.
4 Restore factory settings	Press the Restore factory settings button to initialize.

Press the GPS Information to display the detail GPS satellites information.

Name	Description
1 Receiving	Active when current position is being calculated.
2 Speed	Display current speed of the vehicle.
3 Location	Display current position of the vehicle.
4 Elevation	Display current elevation of the vehicle.
5 Time	Display time.
6 Date	Display date.

Display

Change the display map settings.

Change the map colors and the route guidance line colors.

Change the vehicle symbol.

Guidance

Change the guidance setting.
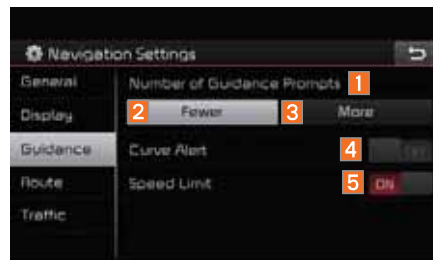
Name	Description
1 Number of Guidance Prompts	Set the frequency of guidance.
2 Fewer	Route guidance is given less frequently.
3 More	Guidance will be provided frequently.
4 Curve Alert	Change whether to turn curve alert ON and OFF.
5 Speed Limit	Change whether to show speed limit by pressing ON and OFF.

Route

Change the route setting.
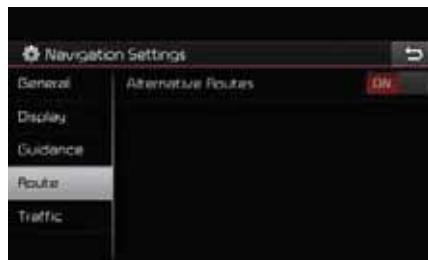
Press the ON or OFF button to change the Alternative Routes setting.

• Alternative on: Alternative routes will be suggested (depending on the route preference between "Faster time" and "Shorter Distance").

📝 NOTICE
• Alternative routes can be shown only while the vehicle is not moving.

• Alternative off: No alternative routes will be suggested. Guidance will start right after calculating with the route preference (Faster time or Shorter distance).

Traffic

Change the traffic information setting.
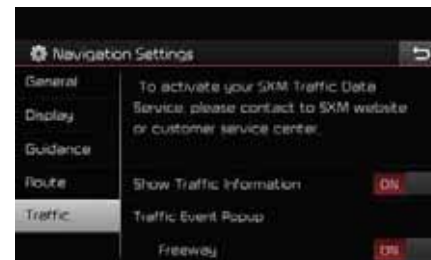
Press the ON or OFF button to change the settings.

• Show Traffic Information On/Off: Select whether to display traffic information or not.
• Traffic Event Pop-up Freeway On/Off: Select whether to display Pop-up message for traffic information on freeway.
• Traffic Event Pop-up Surface Road On/Off: Select whether to display Pop-up message for traffic information on surface road.

Troubleshooting

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 • 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 starts and 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 second season). • 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-entry 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. (e.g. if a turn is made at an intersection while the navigation provided guidance to go straight.)

These situations 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 No-entry zone may occur. (No-entry 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 (e.g. If a turn is made at an intersection while the navigation provided guidance to go straight.)

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- 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.

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.

part.7 Voice Recognition

06

Voice Recognition

What is Voice Recognition?

The voice recognition feature operates the multimedia system by recognizing voice commands and enables hands-free operation of the system while you are driving your car.

Not all possible voice commands are recognized by the system due to technological limitations. To make up for these limitations, the system displays the voice commands that are available for you to use.

There are errors in communication between people. Likewise, voice recognition sometimes misunderstands your voice command in some circumstances. If this happens, either check the screen for the available options and say the command again, or manually select and press the button for the corresponding command on the screen.

Recommendations Required for Successful Voice Recognition

1. Voice recognition supports only the commands that are displayed on the screen and written in the User's Guide.
2. To ensure the correct recognition and execution of your command, say your command when you hear the beep after a voice prompt.
3. Voice recognition automatically ends if:
   1) A call is incoming or outgoing
   2) A media device (USB or iPod, etc.) is connected or disconnected
   3) The front or rear view camera is operated (optional)
   4) The car engine starts or stops
   5) A system key, such as RADIO or MEDIA is selected
   6) An emergency occurs, for example re-searching for the route after the navigation route has been lost

4. The microphone used for the voice recognition system is located in the headliner directly above the driver's head. To make your commands better understood, keep your body straight in the driver's seat when speaking the command.
5. Speaking naturally and clearly will ensure better recognition of your voice commands.
6. In the following cases voice recognition will be affected by ambient noise.
   1) The sound of the wind if any window or the sun roof is open.
   2) A strong wind blowing from the air vents. Set climate control to blow softer than level 3.
   3) Vibrations from passing through a tunnel.
   4) Vibrations from driving on an uneven road.
   5) Storms and heavy rain.

Starting/Ending and Setting Voice Recognition

Starting Voice Recognition

Press the [icon] key briefly (less than 0.8 seconds) on the steering wheel control to activate voice recognition.

Ending Voice Recognition

1. Select "Exit" to the left of the bottom of the screen to end voice recognition.
2. Press and hold (more than 0.8 seconds) the [icon] key on the steering wheel control to end voice recognition.

Combining Voice Recognition with On-Screen Commands

After pressing the [icon] key, say a command after the beep. The voice recognition system will execute the desired operation after learning the command. Alternatively, you may touch any of the corresponding commands on the screen while the Voice Recognition system is in operation.

Combining voice recognition with available on-screen commands is useful when the system is taking longer than expected or the voice command did not execute as desired.

Starting/Ending and Setting Voice Recognition I 7-3

Extending the Standby Time

When the system is waiting for your com-
mand, after the voice prompt and beep
have been heard, if you press the voice
recognition icon for less than 0.8 sec-
onds, then the beep will sound again and
standby mode will restart.

When activated, voice recognition waits for
your command for 5 seconds. If you say
nothing for 5 seconds, a voice prompt will
ask for your command.

Skipping Prompt Messages

When you hear the prompt, "Please say a command", from the system, press the voice recognition icon on the steering wheel control to skip the message and go directly to listening mode to say your command.

This results in faster operation when you feel the message is too long or you already know the command to use.

ℹ **Information**

• Refer to Part 10 for instructions on how to change the Voice Recognition Settings.

Adjusting Voice Recognition Volume

During voice recognition, turn the volume knob to the left/right to adjust the message volume.

Voice Recognition Screen Overview

Start Screen

Name	Description
1 Representative Commands	Display the representative commands.
2 Not available command	Displays commands that are not available due to a failure in meeting the conditions for using them and thus need additional settings. The conditions required for using them will be described briefly under each command.

Name	Description
3 Voice recognition status icons	Standby Voice guidance Voice command process
4 User's speaking volume being recognized	Displays the voice command volume in real time.
5 Recognized results	Displays the voice recognition result.
6 Help	Displays all available help commands in a tree format.
7 Exit	Ends the voice recognition.

Help Display

Name	Description
1 Command list	• Shows the available commands. • Select or say a command to display additional commands in detail.
2 How to use for selected item	This section shows how to use voice recognition for the selected item.
3 How to use in general	This section displays how to use voice recognition in general.

Instructions for Using Voice Recognition

Name	Description
1 Detail instruction	This section describes how to use voice recognition in detail.
2 Close button	Closes the screen and restarts voice recognition.

ℹ **Information**

• In the instructions screen, no voice is recognized, so you must manually issue commands. Because the instructions screen displays a lot of content, you can not view it while driving for safety precautions.

Voice Commands

Types of Commands

Voice recognition commands are classified as "Global Commands" and "Local Commands".

1. Global Commands (●): Commands that can be used immediately after activating voice recognition.
2. Local Commands (○): Commands that can be used when a multimedia, navigation, or Bluetooth call is running, or displayed on the screen, after activating voice recognition.

Call Commands

* Check the following before using call commands :

1. Voice commands related to phone calls can be used after connecting the Bluetooth device.
2. To call a person, for example "Call <John Smith>" whose name is listed in Contacts, you must first download the Contacts list. For details on downloading contacts, see "Part 4. Bluetooth® > Chapter 3. Bluetooth® Phone > 4.10 Contacts".
3. After downloading the Bluetooth contacts, it will take some time to convert the Contacts into voice data during which time you cannot make a call by name yet. The time takes to convert voice data may vary depending on the number of Contacts downloaded.

Command		Operation
●	Call	Displays downloaded Contacts, after this you can make a call by saying the name.
●	Call <Name>	You can directly call a person by <Name> in the downloaded Contacts.
●	Call <Name> on Mobile	You can call a person directly <Name> to the number that is saved as "Mobile" in the downloaded Contacts. e.g.) Call "John Smith" on Mobile
●	Call <Name> at Work	You can call a person directly <Name> to the number that is saved as "Work" in the downloaded Contacts. e.g.) Call "John Smith" at Work
●	Call <Name> at Home	You can call a person directly <Name> to the number that is saved as "Home" in the downloaded Contacts. e.g.) Call "John Smith" at Home
●	Call <Name> on Other	You can call a person directly <Name> to the number that is saved as "other" than "Mobile, Home, or Office" in the downloaded Contacts. e.g.) Call "John Smith" on Other
●	Dial Number	Displays a screen where you can say a phone number to dial.
●	Dial <Phone #>	You can directly say the number to call. e.g.) Dial 111 555 1234

Navigation Commands

* Check the following before you use navigation commands:

1. Search for and find addresses located in the state or province your car is currently in.
   If you want to search in another state, say the name of state/province and then look it up.
   Find Address is classified by states/provinces to provide you with faster service.

2. Some commands such as "Cancel Route" are available only when the destination is fixed.

	Command	Operation
●	Find Address in \<State\>	• Finds the address in \<State\> and sets it as the destination. e.g.) Find Address in California • To find an address, you should say "House Number → Street → City" e.g.) 300 (Three Zero Zero) Main Street, Almond
●	Find Address	Finds the address and sets it as the destination.
●	Find POI	Find the points of interest. After this command, you can find the name of a location step-by-step.
●	Find \<Category\>	Immediately finds \<Category\>. For detail of \<Category\>, see "Find \<Category\>" list. e.g.) Find "Banks"

	Command	Operation
●	Map	Moves to the current position on the navigation map
●	Previous Points	Displays a list combining Previous Destinations, Previous Searches, and Previous Starting Points all together. You can then set a destination by saying the list number.
●	Previous Destinations	Displays a list of recent destinations that you can return to by saying the number in the list.
●	Previous Searches	Displays a list of recent searches, where you can set a destination by saying the number in the list.
●	Previous Starting Points	Displays a list of recent starting points that you can return to by saying the number in the list.
●	Traffic Information	Moves to the Traffic Information menu screen.
●	Go Home	Set the destination to your home. Your home must first be set in the Navigation system.
●	Go to Office	Set the destination to your office/work. Your office/work must first be set in the Navigation system.

Command		Operation
●	Turn Guidance On	Turns on the voice guidance system.
●	Turn Guidance Off	Turns off the voice guidance system.
●	Zoom All the Way Out	Zooms out from the navigation map to the fullest.
●	Zoom All the Way In	Zooms in on the navigation map to the fullest.
●	Cancel Route	Cancels the route to the fixed destination and exits guidance.
●	Destination Information	Tells you the remaining distance and time to your destination.
●	Route Options	Restarts the route to your destination.You can then select either "Faster Time" or "Shorter Distance".
●	Find Faster Time Route	Starts a new route to your destination that will take the least amount of time.
●	Find Shorter Distance Route	Starts a new route to your destination that will use the shortest distance.
●	Emergency Services	Displays a list of nearest Police Station, Hospital, Dealership, or Road Assistance. You can then set a destination by saying the list number.
●	Police Station	Displays a list of the nearest police stations. You can then set a destination by saying the list number.

Command		Operation
●	Hospital	Displays a list of the nearest hospitals. You can then set a destination by saying the list number.
●	Dealership	Displays a list of the nearest car dealerships. You can then set a destination by saying the list number.
●	Road Assistance	Displays a list of the nearest road assistance locations. You can then set a destination by saying the list number.
●	Show Route	Displays a map overview of the entire route to your destination.

Radio Commands

	Command	Operation
●	Radio	Plays the most recent radio channels from FM, AM, and SiriusXM™.
●	FM	Plays FM radio.
●	FM <87.5~107.9>	Tunes to FM <Frequency> according to what you say. e.g.) FM 87.5: FM eighty seven point five
●	SiriusXM	Plays SiriusXM™ radio.
●	SiriusXM Channel <0~999>	Tunes to SiriusXM™ Channel <Channel Number> according to what you say. e.g.) SiriusXM Channel 23: SiriusXM Channel twenty three
●	AM	Plays AM radio.
●	AM <530~1710>	Tunes to AM <Frequency> according to what you say. e.g.) AM 530: AM five thirty
○	Preset <1~18>	Tunes to your preset stations (1 to 18).
○	Channel <0~999>	In SiriusXM™ Radio mode, turns on the <Channel Number> that you say.

Media Commands

* Check the followings before you use media commands.

1. If no media is connected or if no playable files exist at the time when you use these commands, a voice message will tell you that this is not available at present.
2. If you say the name of the media that is currently playing again, then that media will continue playing.

   e.g.) Saying "USB" while USB content is playing.

	Command	Operation
●	Music	Continues the last media you played.
●	iPod	Plays the iPod currently connected. This will work the same when an iPhone is connected. If a USB is connected, then it will be played instead of the iPod.
●	USB	Plays the music on the USB currently connected. If an iPod is connected, then the iPod will be played instead of the USB.
●	Bluetooth Audio	Plays the music on the Bluetooth phone currently connected. This may not be supported depending on the Bluetooth connection status.
●	AUX	Plays external devices that are currently connected.
●	My Music	Plays My Music files stored in the system.
●	Pandora Radio	Plays Pandora Radio that is currently connected. Pandora Radio operates according to the iPod® that is currently connected.

1. USB Music/iPod/My Music Command

Command		Operation
○	Play	Plays a selected file. Maintains the current settings during playback.
○	Pause	Pauses a file that is playing. Maintains current settings while paused during playback.
○	Shuffle	Plays files randomly. Maintains current settings during shuffled playback.
○	Shuffle Off	Cancels Shuffle and plays files sequentially. Maintains current settings during sequential playback.
○	Repeat	Plays the current file repeatedly. Maintains the current settings during repeat playback.
○	Repeat Off	Cancels Repeat and plays multiple files. Maintains current settings during multiple file playback.

2. Pandora Radio Command

Command		Operation
○	Skip	Moves to the next track.
○	Thumbs up	If you like the genre of the music currently playing, say "Thumbs up" so that more similar music will play.
○	Thumbs down	If you don't like the music currently playing, say "Thumbs down" to minimize the number of playbacks of similar genre music.

3. Bluetooth Audio/AUX Command
• Bluetooth Audio supports different functions according to connected devices, therefore some commands are unavailable, including Play, Stop, Previous Song, and Next Song.
• For external devices (AUX) and some commands are unavailable, including Play, Stop, Previous, and Next.

UVO eServices Commands List

Command	Operation
● Roadside Assist	Connect with a Roadside Assist agent.
● Vehicle Diagnostics	Informs you if diagnostic issues are found in your vehicle
● My POIs	Displays Points of Interest list which were downloaded from Google Maps and MyUVO
● eService Guide	Provides guidance on how to use UVO eServices

Other Commands List (Commands used in List/Help)

Command	Operation
● Help	Moves to the voice recognition help screen. All available commands can then be identified and used.
○ Line 1~5 (One~Five)	When you cannot select a certain name, such as in Call History, you can select it using numbers. Simple numbers can be recognized, such as "One" or "Two".
○ Yes/No	When voice recognition is activated, this command is used when an answer is requested for a confirmation question.
○ Previous Page/ Next Page	When five or more searched items are listed, you can move to the previous or next page using a voice command.
○ Manual Input	When Dial or POI Name search results are displayed, this command is used to search manually, rather than to search with a voice command. Voice recognition stops after this command is used.
○ Go Back	Moves to the previous screen.
● Exit	Ends the voice recognition.

"Find <Category>" List

Navigation location names can be changed after an update.

1. Restaurants

Restaurants
Fast Food Restaurants
Arby's
Boston Market
BURGER KING
Carl's Jr
Chick-fil-A
Chipotle
Church's Chicken
Dairy Queen
Firehouse Subs
Fleming's
Hardee's
In-N-Out Burger
IHOP
Jack in the Box
Jimmy John's
KFC
Little Caesars
Long John Silver's
McAlister's Deli

McDonald's
Panda Express
Panera Bread
Popeyes
Quiznos Sub
Schlotzsky's
SONIC
SUBWAY
Taco Bell
Taco John's
Waffle House
Wendy's
White Castle
American Restaurants
Applebee's
Bahama Breeze
Boston's Restaurant & Sports Bar
Cheeseburger in Paradise
Chili's Grill & Bar
Cool River
Denny's

Frisch's Big Boy
Good Eats
III Forks
Lee Roy Selmon's
Lone Star Steakhouse & Saloon
Longhorn Steakhouse
Luckys Cafe
Outback Steakhouse
Ponderosa
Publix
Seasons 52
Sheetz
Silver Fox
Texas Roadhouse
TGI Friday's
The Capital Grille
French Restaurants
Italian Restaurants
Bonefish Grill
Carrabba's Italian Grill
Chuck E Cheese's

Domino's
Olive Garden
Papa John's
Papa Murphy's
Pizza 73
Pizza Hut
pizza pizza
Continental Restaurants
Mexican Restaurants
Cantina Laredo
Chevys
El Chico
Japanese Restaurants
Chinese Restaurants
PF Chang's China Bistro
Korean Restaurants
Vegetarian Restaurants
Seafood Restaurants
Red Lobster
Latin American Restaurants

2. Automotive

Restaurants
Asian Restaurants
African Restaurants
Coffee Shops
Starbucks
Dunkin' Donuts
Tim Hortons
Other Restaurants
Auntie Anne's
Baskin-Robbins
Haagen-Dazs
Hooters
Roy's
TCBY
VAN DER VALK

Automotive
Kia Dealerships
Gas Stations
76
ampm
ARCO
BP
Canadian Tire
Casey's General Store
Cenex
Chevron
CITGO
Conoco
Esso
Exxon
Fleetfuels
GetGo
Giant Gasoline
GTO
Gulf
Husky
Ingles Gas Express
Marathon

Martin's Gasoline
Meijer
Mobil
Murphy Express
Murphy USA
Petro Stopping Centers
PETRO-CANADA
Phillips 66
Pioneer
QuikTrip
Rutter's
Sheetz
Shell
Sinclair
Speedway
Sunoco
Sunoco Canada
TEXACO
TravelCenters of America
Ultramar
Valero
Wawa
Parking

Auto Services
AAA
Advance Auto Parts
America's Tire
AutoZone
BOSCH Car Service
Certigard
Discount Tire
Firestone
GOODYEAR
Kal Tire
Midas
Napa
O'Reilly Auto Parts
Sears Auto Center
Road Assistance
Automobile Dealerships
Auto Parts
Car Washes
Motorcycle Dealerships

3. Travel

Travel
Airports
Hotels
Americas Best Value Inn
AmericInn
Andaz
Ascend Collection
Baymont Inn & Suites
Best Western
Cambria Suites
Canadas Best Value Inn
Candlewood Suites
Clarion Hotel
Comfort INN
Comfort Suites
CONRAD
Country Inn & Suites by Carlson
COURTYARD by Marriott
Crowne Plaza
Days Inn
DELTA
Doubletree
Econo Lodge

Embassy Suites
Grand Residences by Marriott
Hampton Inn
Hampton Inn & Suites
Hawthorn Suites
Hilton
Hilton Garden Inn
Hilton Grand Vacations
Holiday Inn
Holiday Inn Express
Homewood Suites
Hotel Indigo
Howard Johnson
Hyatt Place
Hyatt
Hyatt Summerfield Suites
Intercontinental
JW Marriott
LA QUINTA INN
Lexington
Mainstay Suites
Marriott
Marriott VACATION CLUB

Microtel Inns & Suites
Motel 6
NOVOTEL
Omni Hotels
Park Inn
Park Plaza
QUALITY INN
Radisson
Radisson SAS
RAMADA
Red Roof Inn
Regent Hotels & Resorts
Renaissance
Residence Inn
Ritz-Carlton Club
Rodeway Inn
Sheraton
Sleep Inn
SOFITEL
Staybridge Suites
Studio 6
Suburban Extended Stay
Super 8

Thriftlodge Canada
Travelodge
Travelodge Canada
VAN DER VALK
WALDORF ASTORIA COLLECTION
Wingate by Wyndham
Wyndham
Rest Areas
Tourist Information
Tourist Attractions
Travel Agents
City Centers
Rental Car Agencies
Alamo
AVIS
Budget
Dollar Rent A Car
Enterprise
Hertz
National
Thrifty
Campgrounds

4. Shopping

Travel
Ferry Terminals
Bus Stations
Local Transit
Train Stations

Shopping
Department Stores
Canadian Tire
Dollar General
Dollar Tree
Family Dollar
JCPenney
Kmart
Kohl's
Nordstrom
Sears
Sears Hometown Store
Target
T.J. Maxx
Walmart
Convenience Stores
7-Eleven
ampm
BP
Circle K
Fleetfuels
GetGo
GTO

Kangaroo Express
Murphy Express
Murphy USA
Petro Stopping Centers
QuikTrip
Rutter's
Sunoco Canada
TravelCenters of America
Wawa
Shopping Centers
Office Depot
Grocery Stores
Giant Eagle
Giant Food Stores
IGA
Ingles Markets
Food Lion
Kroger
Martin's Food Markets
Meijer
Publix
Sav-Mor Foods
Save-A-Lot

SuperValu
Music Stores
Bookstores
Barnes & Noble
Electronics Stores
AT&T
Best Buy
Future Shop
GameStop
Radioshack
Sprint
Staples
T-Mobile
OfficeMax
US Cellular
Verizon
Gift Shops
Sporting Goods Stores
Dick's Sporting Goods
Sports Authority
Home Specialty Stores
ABC Fine Wine & Spirits
Ace Hardware

Shopping
Claire's
Costco
Home Depot
Lowe's
Merle Norman
PETCO
PETSMART
Sally Beauty Supply
SHERWIN-WILLIAMS
True Value
Clothing Shops
Mark's
Shoe Stores
Pharmacies
CVS/pharmacy
Giant Drugstore
Ingles Pharmacy
Kmart Pharmacy
Kroger Pharmacy
Martin's Drugstore
Meijer Pharmacy

Rite Aid
Shoppers Drug Mart
Target Pharmacy
Walgreens
General Merchandise

5. Recreation

Recreation
Amusement Parks
Museums
Cinemas
Golf Courses
Sports Complexes
Sports Activities
Wineries
Video & Game Rental
Ski Resorts
Recreation Areas
Other Recreation Areas

6. Financial Services

Financial Services
Banks
Bank of America
BB&T
Chase
Citibank
Citizens Bank
Fifth Third Bank
Key Bank
PNC Bank
RBC Bank
Regions
SunTrust
TD Bank
TD Canada Trust
US Bank
Wells Fargo
ATMs
Check Cashing Services
Money Transfer

Voice Commands I 7-19

07

7. Community

Community
Police Stations
Post Offices
Libraries
Schools
Fire Departments
Churches
Synagogues
Convention Centers
City Halls
Civic Centers
Court Houses
Government Offices
Waste & Sanitary Services
Utilities
Business Facilities

8. Services

Services
Hospitals
Medical Services
Physicians
Tax Services
Attorneys
Funeral Homes
Hair & Beauty Services
Cleaning & Laundry Services
Social Services
Communication
Dentists
Photography Services
Tailors & Alterations
Movers
Nursing Home
Optical Services
Personal Services
Repair Service
Veterinary Hospital

UVO Voice Local Search

What is UVO Voice Local Search?

With UVO network service, you can search for Google-provided place names with your voice.

The search is done through network services; it is only available when connected to a communication network & UVO eServices has been activated.

Starting UVO Voice Local Search

Press the [ ] key briefly (less than 0.8 seconds) on the steering wheel control to activate voice recognition and say "Local Search"

Name	Description
1 Example command	Shows an example to ask for place search
2 Manual switch button	Switches the UVO Voice Local Search screen to search.
3 End button	Ends UVO Voice Local Search.

Siri Eyes Free

How to start Siri

If you want to use Siri, you have to connect your iOS device to multimedia system through Bluetooth.

(Please check whether your iOS device supports Siri and turning Siri On)

Then you can use Siri while pressing and holding 🔾 key on the steering wheel control.

How to use Siri

When you access the Siri screen while pressing and holding 🔾 key on the steering wheel control, you can press **Speak** button and then you can speak what you want. Note that the Multimedia system only supports "Phone" related functions. Other functions will be performed in your iOS device. If you press voice key quickly, Siri would re-start. If you hold down voice key, Siri would be terminated and the screen would go back to the previous screen. Eyes-Free mode would be activated automatically while you are driving. When shifting gears into P or putting the Parking brake on, Eyes-Free mode would be deactivated automatically.

ⓘ **Information**
• Functions and feedbacks from voice commands via Siri are executed in the iOS device. If the iOS version is changed, the functions and response may be different according to the iOS device and the latest version.

part.5 Other Features

Steering-Linked Camera

07

Camera

⚠ WARNING

- Backing Up & Using Camera

• Never rely solely on the rear view camera when backing up. Prior to entering your vehicle always do a visual check of the area behind your vehicle, and before backing up be aware of your surroundings and supplement the rear view camera by looking over your shoulders and checking your rear view mirrors. Due to the difficulty of ensuring that the area behind you remains clear, always back up slowly and stop immediately if you even suspect that a person, and especially a child, might be behind you.

Steering-linked camera

• This device is connected to a rear detection camera to see behind the car for safe reversing.
• The Rear View Camera turns on automatically if you shift the gear to R when the power is on or the engine has started.
• While the device boots up, shift the gear to "R" to activate the rear detection cameras. Shift the gear to another position to deactivate the rear detection camera.

Name	Description
1 Red Line	About 0.5 m from the rear bumper
2 Yellow Line 1	About 1 m from the rear bumper
3 Yellow Line 2	About 3 m from the rear bumper
4 Yellow Line 3	Trajectory of the wheel on the driver's side
5 Yellow Line 4	Trajectory of the wheel on the passenger side
6 Blue Line	Neutral steering trajectory

As you reverse your car and monitor the area behind your car, the steering-linked driving trajectory and the neutral driving trajectory are both displayed.

ℹ️ Information

• A separate chipset is used for the camera screen while booting up, so it may be different after booting up.

🖉 NOTICE

• A wide-angle lens is installed as the rear detection camera to get a wider view, so there may be some difference between the actual distance and the distance that appears on-screen. For safety, make sure to view the back, right, and left sides of the car for yourself.
• The color of the parking guidelines displayed in the picture may differ from the actual screen.
• When booted up, blinking may occur when you switch to a UI screen.

MEMO

part.6 **Setup**

08

Setup

Setup

The Setup screen is used to control the system settings of the Multimedia System. To enter the screen, press the `SETUP` key of the device or the `Settings` button in All Menus.

Features	Description
1 Navigation	Shows Normal/Screen/Guidance/Route/Safety settings.
2 Sound	Shows the sound control options for Position, Bass, Middle, Treble, Volume, Ratio and Advanced settings.
3 Display	Shows the Illumination/Brightness/Adjust/Ratio settings.
4 Bluetooth	Shows the Bluetooth connection/Auto-connection priority/Ringtone/Bluetooth System info settings.
5 Phone Projection	For more details, refer to Phone Projection guide.

Features	Description
6 Custom Button	Provides settings that configure the feature to be accessed when the ☆ key is pressed.
7 Date/Time	Provides the Time and Date settings.
8 Language	Shows the Change Language settings.
9 Keyboard	Shows settings to switch keyboard layout.
10 Screensaver	Shows the Clock/None settings.
11 Advanced	Provides settings that configure notifications per feature, etc.
12 System Info	Shows software and storage space information.
13 Display Off	Shows the Display Off (touch activation) function.

Navigation Settings

For more details, refer to part 4. Navigation Settings.

Sound Settings

Adjusts the sound effects for the whole system.

Features	Description
1 Position	Select the Up/Down/Left/ Right button to control sound positioning. Press Centre to concentrate the sound in the centre of the vehicle.
2 Equaliser	Drag the slide bar to control bass/middle/treble settings. Press Centre to initialise the settings.

Features	Description
3 Loudness	Sets the volume ratio when reversing the car, answering a call, using Navigation Guidance, turning on the car's ignition, etc.
4 Advanced	You can select additional audio options such as "Speed Dependent Volume Control" that automatically controls Audio volume according to vehicle speed.
5 Default	Resets the sound to factory default settings.
6 Beep	Select to activate a beep when pressing buttons.

ℹ️ **Information**

• Advanced sound settings may differ according to selected AMP option.
• The seat shape may differ according to vehicle model.

Setup I 6-3

Display Settings

Controls the display brightness and image rate for the whole system.
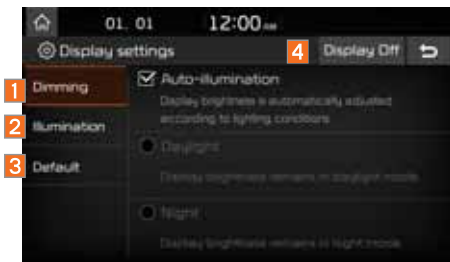
Features	Description
1 Dimming	Provides the Auto-illumination feature that automatically adjusts the brightness of the screen according to the brightness levels of the car's surroundings. If you do not use the Auto-illumination feature, you can select either Daylight or Night illumination and maintain the brightness accordingly.

Features	Description
2 Illumination	Adjusts the level of brightness in Daylight or Night illumination. (If you use the Auto-illumination feature, you can set the brightness for both Daylight and Night illumination.)
3 Default	Resets the display to factory default settings
4 Display off	Shows the Display Off (touch activation) function.

Phone Settings

Changes Bluetooth phone settings.

Phone Settings

• Select the head unit **SETUP** key Select **Bluetooth** .
• Home screen   Select **Bluetooth** Select **Settings**   Select **Phone** .

Bluetooth Connection Settings

Select the SETUP key in the head unit

Select Phone   Select Bluetooth connection

Features	Description
1 Paired device list	Displays the paired Bluetooth device list. When selecting from the list, the device is connected or disconnected.
2 Bluetooth audio connection status	An icon appears when you make a Bluetooth Audio connection.
3 Bluetooth Hands-free connection status	An icon appears when you make a Bluetooth Hands-free connection.
4 Add new	Register a new Bluetooth device.
5 Delete devices	Select and delete a paired device.

ⓘ **Information**

• Up to 5 Bluetooth devices can be paired.
• Only one Bluetooth device can be connected at a time.
• During Bluetooth device connection, another device cannot be paired.
• When you delete a paired device, the Call History and Contacts stored in the head unit are also completely deleted.
• Bluetooth Hands-free and Bluetooth Audio functions are supported.
• Hands-free and audio-supported devices, such as a Bluetooth smartphone or audio, will function normally.
• When a Bluetooth device is connected, if the Bluetooth connection is unexpectedly disconnected due to being out of communication range, the device powering off or a Bluetooth communication error, the Bluetooth device automatically searches for and connects to other nearby Bluetooth devices.
• If the system is not stable due to a vehicle Bluetooth device communication error, restore the Default Factory Settings.
• In Default Factory Settings, the Bluetooth settings are reset to factory settings
• Select the SETUP key in the head unit   Select Bluetooth   Select Default factory settings .

Auto connection priority

Select the `SETUP` key in the head unit Select `Bluetooth` Select `Auto connection priority`.

When the engine is running, the selected Bluetooth device is automatically con-nected. If you fail to connect the selected device, the previously connected device is automatically connected. If this also fails, it tries to connect all paired devices sequen-tially.

Depending on auto-connection priority, connection to a device may take some time.

Bluetooth System Information

Select the `SETUP` key in the head unit Select `Bluetooth` Select `Bluetooth system info`.

Features	Description
1 Device name	You can change the Bluetooth device name of the vehicle.
2 Passkey	You can change the passkey used for Bluetooth device authen-tication. The default pass-key is 0000.

ℹ **Information**

• The device name above is an example. Check the actual information on the product.

Date/Time Settings

Configure the settings for time and date. Using the arrow buttons, you can change the values. Date/Time settings do not automatically change when crossing into different time zones. The time must be changed manually on this screen.
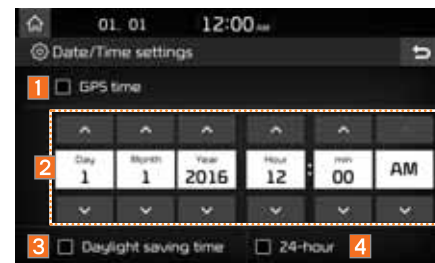
Features	Description
1 GPS	The time display is set in GPS Time.
2 Direct entry	If you tap any value, you can directly enter the number in the following screen.
3 Daylight Saving Time	The daylight saving time (DST) is applied.
4 24 Hours	The time display is set in 24-hour format.

Language Settings

You can configure the displayed system language.

When the language is changed, the system language is automatically changed. Unique data including MP3 file name is not changed and some languages don't support voice recognition.

Keyboard Settings

You can configure the keyboard layout for each language.

Features	Description
1 Keyboard Type - Arabic	You can configure Arabic keyboard layout type for the system.
2 Keyboard Type - English	You can configure ABCD or QWERTY keyboards for the system.
3 Default Keyboard	You can select the system default keyboard.

ℹ **Information**

• Configured keyboard layouts are applied to all input modes.

Setup I 6-7

Screensaver Settings

You can select any of the following screen formats to be displayed when the screen or power is turned off.

• Digital clock and date
• Analog clock and date
• None

System Info

System version information and update details are available.

Select the `Update` button to update the system. After an update is complete, the system will reboot automatically.

System Update

On the System Info screen, insert the updated memory (USB or SD card) with the latest file downloaded, then select the `Update` button to begin updating. The system will then reboot automatically.

🛈 **Information**
• This product needs supplementary software updates, additional new functions and updated maps, which collectively may take some time to complete, depending on the amount of data.

⚠ **CAUTION**
• If the power is disconnected or the USB device or SD card is removed during an update, data might be damaged. Please wait until the update is complete with the engine on.

part.7 Appendix

Product Specifications
Common Issues
Troubleshooting
FAQ

09

Appendix

Product Specifications

TFT-LCD

Screen Size	Navigation Device - 8 inch(176.4 × 99.36 mm)
Resolution	Navigation Device - 384000 pixels (Resolution: 800 x 480)
Operating Method	TFT (Thin Film Transistor) Active Matrix
Viewing Angle	Left/Right, Top/Bottom: ALL 89°
Internal Lighting	LED

Radio

Channels	FM: 87.5 MHz ~ 108.0 MHz (Step : 100 kHz)
	AM: 531 kHz ~ 1602 kHz (Step : 9 kHz)
Sensitivity	FM : Under 10 dBu/AM : Under 35 dBu
Distortion Factor	Within 2 %

Common

Name	Car TFT LCD Display Navigation Unit		
Power Supply	DC 14.4 V	Operating Power	DC 9 V ~ DC 16 V
Current Consumption	2.5 A	Sleep Current	0.5 mA (Head Unit only)
Operating Temperature	-20 ~ +70 (-4 ~ +158)	Storage Temperature	-40 ~ +85 (-140 ~ +185)
Dimensions	178 × 102 × 168 mm (MAIN BOX)		
Weight	2.4 kg		

Bluetooth® Wireless Technology

Frequency Range	2402 ~ 2480 MHz	Supported Bluetooth® Specifications	3.0
Supported Profile	Hands-free(1.6), A2DP(1.2), AVRCP(1.4), PBAP(1.0)		
Output	0.125 mW		
Number of Channels	79 channels		

⚠ CAUTION

• The manufacturer and installer cannot provide services relating to life safety as the radio equipment is liable to radio interference.

ℹ Information

• Further information including the manufacturer's declaration of conformity is available on Kia web site as follows; http://www.kia-hotline.com

Product Specifications I 7-3

Common Issues

1. Errors which occur during the operation or installation of the device may be mistaken as a device malfunction.
2. If you are having problems with the device, try the suggestions listed below.
3. If the problems persist, contact your Kia dealer.

Problem	Possible Cause
There are small red, blue or green dots on the screen	• Because the LCD is manufactured with technology requiring high point density, a pixel or lighting deficiency may occur within 0.01 % of total pixels
The sound or image is not working	• Has the Switch been turned to [ACC] or [ON]? • Has the SYSTEM been turned OFF?
The screen is being displayed but sound is not working	• Has the volume been set to a low level? • Has the volume been muted?
When the power is turned on, the corners of the screen are dark	• It is normal with LCD panels for the display to appear somewhat dark after prolonged periods of use. It is not a malfunction • If the screen is very dark, contact your nearest Kia dealer for assistance
Sound is only coming from one speaker	• Are the positions of Fader or Balance sound controls adjusted to only one side?

Problem	Possible Cause
Sound does not work in AUX mode	• Are the audio connector jacks fully inserted into the AUX terminal?
The external device is not working	• Is the external device connected with a standard connector cable?
When turning the power on, the most recent mode screen is not displayed	Within modes that play files by reading external sources, such as 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

Troubleshooting

Problem	Possible Cause	Solution
The power does not turn on	The fuse is disconnected	• Replace with a suitable fuse • If the fuse disconnects again, please contact your point of purchase or service centre
	Device is not properly connected	• Check that the device has been properly connected
The system does not play	The vehicle battery is low	• Charge the battery. If the problem persists, contact your point of purchase or service centre

Problem	Possible Cause	Solution
The image colour/tone quality is low	• The brightness, saturation, hue and contrast levels are not set properly	• Adjust the brightness, saturation, hue and contrast levels in Display Setup
Sound is not working	• The volume level is set to the lowest level • The connection is not correct • The device is currently fast-forwarding, rewinding, scanning or playing in slow motion	• Adjust the volume level • Check that the device has been properly connected • The sound will not work when the device is fast-forwarding, rewinding, scanning or playing in slow motion
The sound or image quality is low	• Vibration is coming from where the conversion switch has been installed • Image colour/tone quality is low	• The sound may be short-circuited and the image distorted if the device vibrates • The device will return to normal once vibration stops

Problem	Possible Cause	Solution
USB does not work	• USB memory is damaged • USB memory has been contaminated • A separately purchased USB HUB is being used • A USB extension cable is being used • A USB which is not a Metal Cover Type USB Memory is being used • HDD type, CF, SD Memory is being used • There are no music files which can be played	• Please use after formatting the USB to FAT 12/16/32 format • Remove any foreign substances on the contact surface of the USB memory and multimedia terminal • Directly connect the USB memory with the multimedia terminal on the vehicle • Directly connect the USB memory with the multimedia terminal on the vehicle • Use standard USB memory • Use standard USB memory • Only MP3, WMA file formats are supported. Please use only the supported music file formats

The iPod is not recognised even though it has been connected	• There are no titles that can be played • The iPod firmware version has not been properly updated • The iPod device does not recognise downloads	• Use iTunes to download and save MP3 files onto the iPod • Use iTunes to update the firmware version and reconnect the iPod to the device • Reset the iPod and reconnect to the device

i **Information**

• While operating the device, if an abnormality occurs that cannot be corrected using the above described measures, press the RESET key to reset the system.

• Press and hold the RESET key (for more than 1 second). The device power will turn off and the system will reset.

FAQ

Pairing Mobile Phones

Q I cannot pair my mobile phone. What is the cause?

A Check that the mobile phone supports Bluetooth® function. Check whether Bluetooth on the mobile phone is set to OFF. If so, set it to ON. If the mobile phone still can't be paired, try again after turning Bluetooth off and on, or delete the device registration on the Multimedia System and mobile phone and then register the mobile phone again.

Q What is the difference between pairing a mobile phone and con-necting a mobile phone?

A Pairing takes place after authentication of 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® Hands-free features, such as making/answering calls or managing contacts, are supported only on mobile phones connected to 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. You can change it in

`SETUP` `Phone` `Bluetooth system info` `Passkey` using the menu options.

Making/Answering Phone Calls

Q How can I answer a call?

A When there is an incoming call, a notification pop-up will be dis-
played. To answer the incoming call, press the Accept button
on the screen or the 📞 key on the steering remote con-
troller.
To reject the call, press the Reject button on the screen or
press the 📞 key on the steering remote controller.

Q What should I do if I am talking on the Hands-free but want to
switch the call to my mobile phone?

A While on a call, press and hold (more than 0.8 seconds)
the 📞 key on the steering remote controller or press the
Use private button at the bottom of the Phone screen to switch
the call to your mobile phone.

Bluetooth® Wireless Technology/Head Unit Use

Q What is the range of my wireless connection?

A The wireless connection can be used within 10m.

Q How many mobile phones can be paired?

A It is possible to pair up to five mobile phones.

Q Why is call quality sometimes poor?

A Check the reception sensitivity of the mobile phone when call
quality deteriorates. Call quality may deteriorate when the signal
strength is low. Call quality may also deteriorate if metal objects
such as drink cans are placed near the mobile phone. Check if
there are any metal objects in the vicinity of the mobile phone.
The call sound and quality may differ depending on the type of
mobile phone.

Important Safety Information

Before using your Multimedia System, read and follow all instructions and safety information provided in this end user manual ("User Guide"). Not following precautions found in this User Guide can lead to an accident or other serious consequences.

Keep User Guide in Vehicle

When kept in the vehicle, the User Guide will be a handy reference for you and other users unfamiliar with the Multimedia System. Please ensure that, before using the system for the first time, all users have access to the User Guide and read the instructions and safety information carefully.

Warning:

Operating certain parts of this system while driving can distract your attention away from the road and potentially cause an accident or other serious consequences. Do not change system settings or enter data non-verbally (using your hands) while driving. Stop the vehicle in a safe and legal manner before attempting these operations. This is important since, when setting up or changing some functions, you might be required to distract your attention away from the road and remove your hands from the wheel.

General Operation

Prolonged Viewing of Screen

Do not access any functions requiring a prolonged view of the screen while you are driving. Pull over in a safe and legal manner before attempting to access a function of the system that requires prolonged attention. Even occasional short scans to the screen may be hazardous if your attention has been diverted away from your driving task at a critical time.

Volume Settings

Do not raise the volume excessively. Keep the volume at a level where you can still hear outside traffic and emergency signals while driving. Driving while unable to hear these sounds could cause an accident.

Navigation Features

Any navigation features included in the system are intended to provide turn-by-turn instructions to get you to a desired destination. Please make certain all system users carefully read and follow instructions and safety information fully.

Distraction Hazards

Some navigation features may require manual (non-verbal) setup. Attempting to perform such setup or insert data while driving can seriously distract your attention and could cause an accident or other serious consequences. Stop the vehicle in a safe and legal manner before attempting these operations.

Let Your Judgement Prevail

Any navigation features are provided only as an aid. Make your own driving decisions based on your observation of local conditions and existing traffic regulations. Any such feature is not a substitute for your personal judgement. Any route suggestions made by this system should never replace any local traffic regulations or your personal judgement or knowledge of safe driving practices.

Route Safety

Do not follow the route suggestions if doing so would result in an unsafe or illegal manoeuvre, if you would be placed in an unsafe situation or if you would be directed into an area that you consider unsafe. The driver is ultimately responsible for the safe operation of the vehicle and must therefore evaluate whether it is safe to follow the suggested directions.

Potential Map Inaccuracy

Maps used by this system may be inaccurate because of changes in roads, traffic controls or driving conditions. Always use good judgement and common sense when following the suggested routes.

Emergency Services

Do not rely on any navigation features included in the system to route you to emergency services. Ask local authorities or an emergency services operator for these locations. Not all emergency services such as police stations, fire stations, hospitals and clinics are contained in the map database.

FCC Warning

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions,may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one ormore 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 ormodifications 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 the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

IC Warning

"This device complies with Industry Canada licence-exempt RSS standard(s)."
Operation is subject to the following 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 provoquer de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.