07

part.7 Info

Start up
Pandora Radio Mode
Quick Guide
SiriusXM™ Data

Start Up

Press the INFO key on head unit to enter the information screen. The screen is composed of : “Pandora” to listen to Pandora Radio by connecting a smart phone; “Quick Guide” to provide information about how to controls and major functions; “Climate” to show air-conditioning and heating information for the car; “SiriusXM Data” to show weather, traffic, stock, gas station, sports, and movie information provided by SiriusXM™ Travel Link.

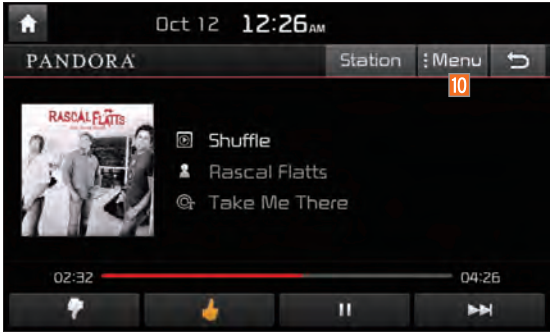
Pandora Radio Mode

Pandora Radio Mode

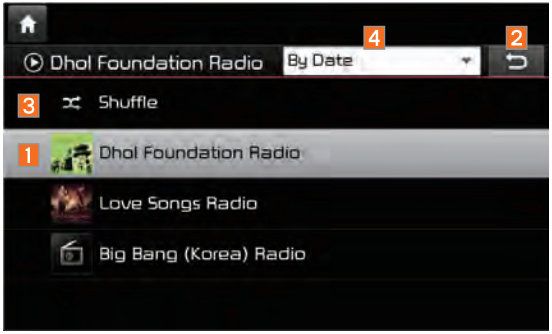
Press the “Pandora” icon after selecting All Menus or the Info hard-key to enter Pandora Radio mode.

Pandora Radio Mode Screen Controls

Name	Description
1 Mode	Displays currently operating mode.
2 Station Info	Shows the station name currently playing.
3 Track Info	Shows the artist/title information currently playing.
4 Play Time	Displays the current play time.
5 Thumb up	If you like the genre of the music currently playing, press this button to send a "Thumb Up" signal to Pandora so that more similar music will play.
6 Thumb Down	If you don't like the music currently playing, press this button to move to the next music and to minimize the number of playbacks of similar genre music. i You can move to next song up to specific times which pandora allows
7 Play/Pause	Plays/pauses the current song
8 SKIP	Moves to the next track i You can move to next song up to specific times which pandora allows
9 Station List	Moves to the station list screen.



Name	Description
10 Menus	• Bookmark Track Adds the music currently playing to the bookmarks list. • Bookmark Artist Adds the artist of the music currently playing to the bookmarks list. *i* You can view your bookmarked artists and songs from your Pandora profile online. Go to pandora.com, then click on the “Your Profile” button above the player. That will bring up a page with your stations, bookmarked artists, and bookmarked songs.
11 SEEK/ TRACK	Press briefly to play the next song.
12 TUNE	Rotate the TUNE knob to search for a station. Press the TUNE knob to play the station when you find the name that you want.



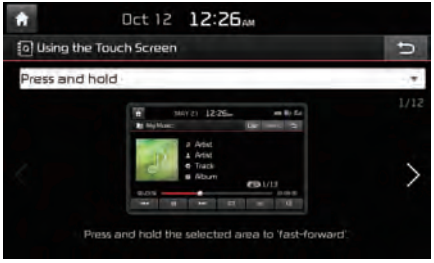
Name	Description
1 Current Station	Shows the name of the station currently displayed.
2 Previous	Switches to the play mode screen.
3 Shuffle	Shuffling your stations provides a more diverse mix of music by randomly playing songs from the stations in your list.
4 Search Menu	Sorts stations by the items in the menu. • A-Z: Sorts stations in alphabetical order. • By Date: Sorts stations in the order they were generated.
5 SEEK/ TRACK	Press briefly to play the next song.
6 TUNE	Rotate the TUNE knob to move to the previous/next list. Press the TUNE knob to play a selected file.

Quick Guide

Quick Guide informs you of the basic controls of AVN and how to enter the main modes.
Use it to learn general controls when using AVN for the first time.
Quick Guide screens might be different from those of AVN.

Touch Control

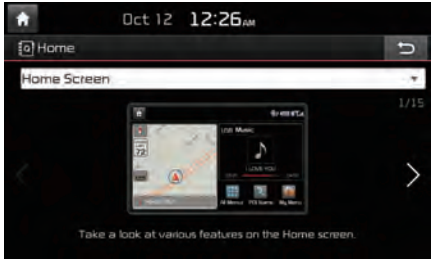
Select All Menus or My Menu from the Home screen, followed by ▶ Quick Guide and then ▶ Touch Control .



Name	Description
Press and Hold	Describes the function to fast-forward media that is playing.
Drag	Describes how to move the slide ball while playing media.
Swipe	Describes how to move to the next/previous screen.
Double-Tap	Describes how to maximize/minimize the size of photos.

Home

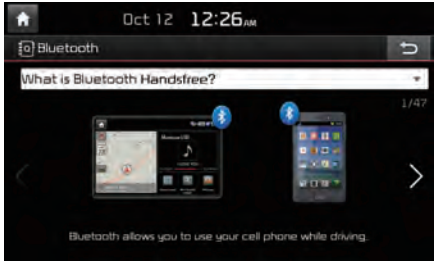
Select All Menus or My Menu from the Home screen, followed by ▶ Quick Guide and then ▶ Home .



Name	Description
Home Screen	Describes various functions for the Home screen.
Add/Remove My Menu Items	Describes how to edit the Menu screen with frequently-used features.

Bluetooth

Select All Menus or My Menu from the Home screen, followed by ▶ Quick Guide and then ▶ Bluetooth .

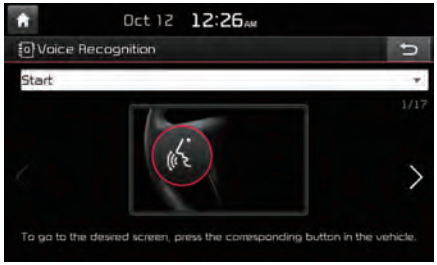


Name	Description
What is Bluetooth Handsfree?	Describes Bluetooth hands-free.
What is Bluetooth Audio?	Describes Bluetooth Audio streaming.
Connect	Describes how to connect the vehicle and a smart-phone with Bluetooth.
Download Contacts	Describes how to download contacts from a smart-phone.

Name	Description
Use Bluetooth Phone	Describes how to use the hands-free call function with Bluetooth.
Use Audio Streaming	Describes how to configure Bluetooth for audio streaming.
Bluetooth Auto-Connect	Describes how to automatically connect Bluetooth devices

Voice Recognition

Select All Menus or My Menu from the Home screen, followed by ▶ Quick Guide and then ▶ Voice Recognition .



Name	Description
Start	Describes how to run various functions by with voice commands.
Verify Commands	Describes how to change frequently-used commands with the help function.
Press Speech Balloon	Describes speech balloon functions.
Select Items	Describes how to select items with many lists.

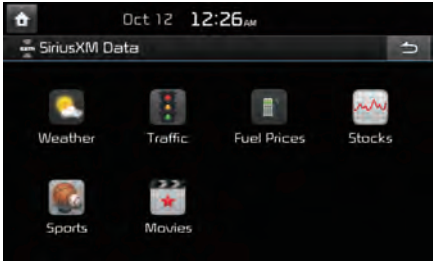
SiriusXM™ Data

About SiriusXM™ Data Service

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

Accessing SiriusXM™ Data

Press the “SiriusXM Data” icon after selecting All Menus or the INFO hard-key to enter the SiriusXM™ Data mode.



SiriusXM™ Weather Announcement

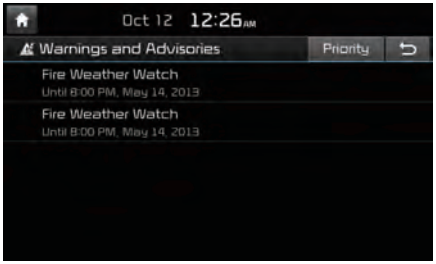
At the “SiriusXM Data” screen, press the “Weather” icon to enter the Weather Announcement mode.

Weather Forexcast

This service provides current weather information and weather forecasts for the next five days in your region. To change the region, press the Other City button and select the desired region.

Warnings and Advisories

This service provides weather warnings and advisories, such as tornado, storm, Floodflood, etc. as symbols on the Navigation map.

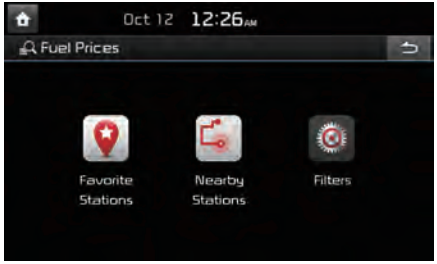


SiriusXM™ Traffic Information

At the “SiriusXM Data” screen, press the “Traffic” icon to enter the Traffic Announcement mode.

SiriusXM™ Fuel Price Information

At the “SiriusXM Data” screen, press the “Fuel Prices” icon to enter the Fuel Prices Information mode.



Search for Nearby Stations, and Register Key Locations as Favorite Stations.

Search for nearby stations with the “Nearby Stations” menu.

It shows station locations, starting from the nearest one, and select “Nearest” menu on the top right side to further sort them by price or brand name.

Select the ★ button to the right of the list to register key locations as a Favorite Station so that you can go there again with the “Favorite Stations” menu. Select the list to move to navigation destination select screen to receive guidance.

My Fuel Type Settings

With the “Filters” menu, you can select fuel types and favorite brands.

When searching for Nearby Stations, the results will reflect selected fuel types and brand information.

SiriusXM™ Stock Information

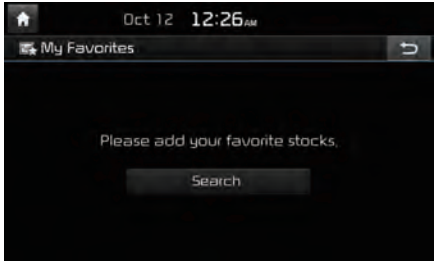
In the “SiriusXM Data” screen, press the “Stocks” icon to enter the Stocks mode.

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

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

My Favorites

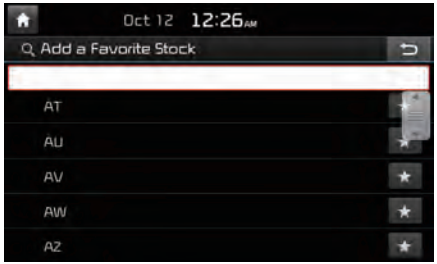
My Favorites shows a list of stocks added by the user. When entering the Stocks menu for the first time, a screen is displayed for you to add your favorite stock information. Press the “Add” button to move to the stock search screen.



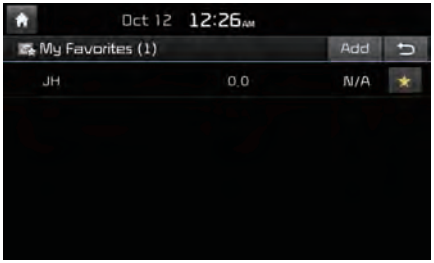
Stock Search

Use the Stock Search menu to search for specific stocks.

Press the ★ button after searching for your favorite stocks to save them in “My Favorite”.



In the My Favorites screen, you can find the selected stock information that you registered.



SiriusXM™ Sports Information

Press the “Sports” icon to enter the Sports mode.

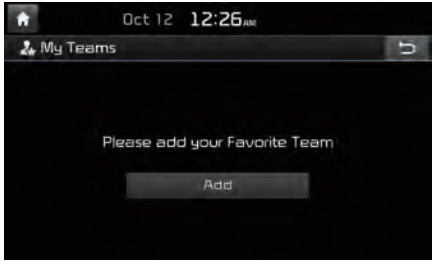
This service provides real-time updated information on scores and schedules for major sports, such as NFL, NBA, NCAA football, NCAA basketball, NHL, MLB, NASCAR and more.

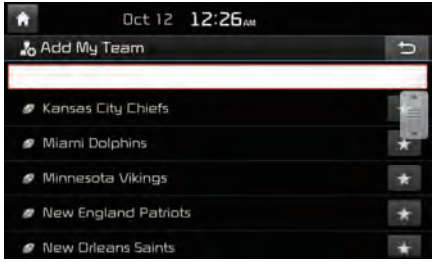
My Teams

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

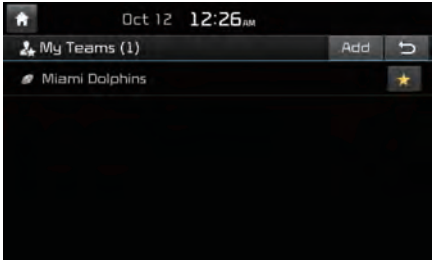
Select the My Teams menu and then press the Add button to search for and register your favorite teams.

Search for your favorite teams and press the ★ button on the right to add it to the “My Teams” list.

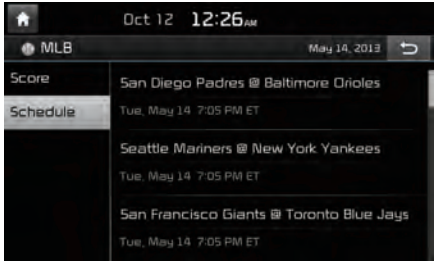




You can always check the list of teams that you added in the “My Teams” menu. Press the ★ button on the right side of the team name to delete the team from “My Teams” or press the “Add” button to add other teams.



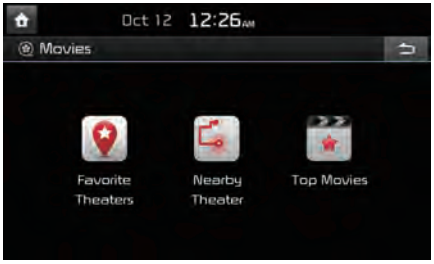
Press the team name to check daily results and recent schedules for that team.



SiriusXM™ Movie Information

Press the “Movies” icon to enter the Movie mode.

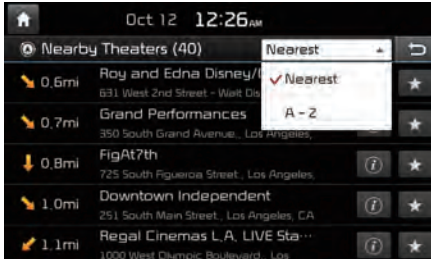
You can check recent movies and nearby theaters, and also register your favorite theater locations.

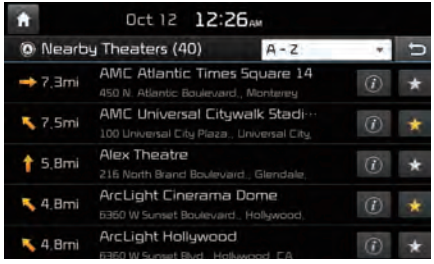


Search for Nearby Theaters, and Register Any Key Locations as Favorite Theaters.

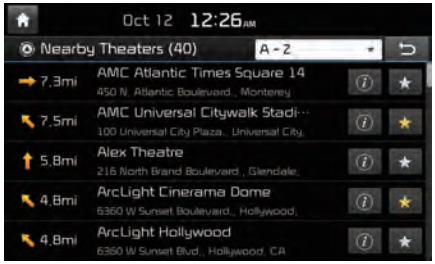
In the “Nearby Theaters” menu, you can search for any nearby theaters.

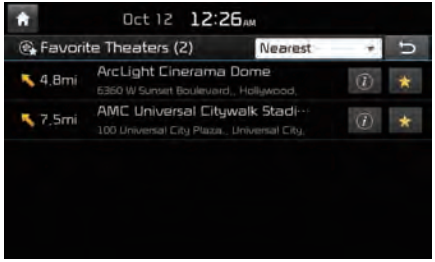
It shows theaters, starting from the nearest one, and selecting the “Nearest” menu at the top right side will sort them by name.



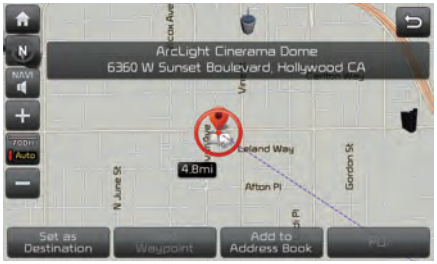


Select the ★ button to the right of the list to register your favorite theater so that you can always check it again using the “Favorite Theaters” menu and selecting the ⓘ button to view the current movie information for that theater.





Select from the list to move to the select navigation destination screen and receive directions.



In the “Top Movies” menu, you can check for any movies that are currently popular. Press ⓘ button to the right of a movie title to view the plot summary and any other detailed information.

MEMO

08

part.8 Other Fratures

Climate Mode

Camera

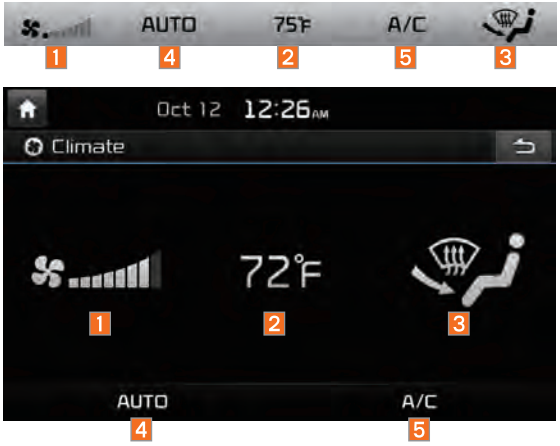
Climate Mode

Operating Climate Mode

Press the CLIMATE key for the climate system to see status information in the full screen display.

While multimedia or navigation is in use, the climate system information will be displayed over top when you control the temperature (TEMP) or turn on the air conditioner (A/C).

Basic Mode Screen



Name	Description
1 Air volume	Displays the configured air volume settings.
2 Set temperature of driver's seat	Displays the configured temperature of driver's seat. Cooling and heating will continue until the temperature of the driver's seat matches the configured temperature. i The internal temperature can be controlled in increments of 1°F within a range of 63°F to 89°F. i LOW is displayed when the temperature is set to anything below 63°F, and HIGH is displayed when it is set to anything above 89°F.
3 Air direction	Displays the configured air direction settings.
4 Cooling/ heating control status (AUTO)	It is displayed when the AUTO key is selected, and cooling/heating operates automatically according to the configured temperature settings. i AUTO will be off when you try do the following with AUTO on: - Control the air volume - Control the air direction - Turn on/off the air conditioner (A/C) - To turn on the moisture removal function for the windshield
5 Air conditioner control status	It is displayed when the A/C key is selected and the air conditioner starts cooling.

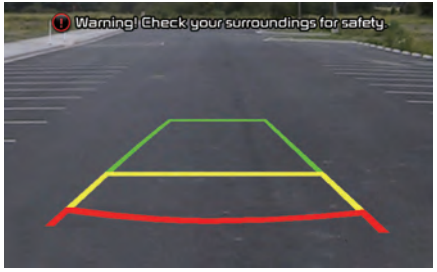
Camera

About Rear Detection Camera

- This device is connected to a rear detection camera to see behind the car for safe reversing.
- When the engine starts, shift the gear to R to activate the rear detection camera.
- Shift the gear to another position to deactivate the rear detection camera.

Information

- While the device boots up, shift the gear to R to activate the rear detection cameras.
- A separate chipset is used for the camera screen while booting up, so it may be different after booting up.
- When booted up, blinking may occur when you switch to a UI screen.



CAUTION

- 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.

MEMO

09

part.9 Setup

Setup
Sound Settings
Display Settings
Phone Settings
Voice Recognition Settings
Clock Settings
Keyboard Settings
Screen Saver Settings
System Info

Setup

Setup is the screen to control system settings of the AVN.

To enter the screen, select the Setup key of the device or the Setup button in All Menus.

[Option 1]

Features	Description
1 Navigation	Provides Normal/ Screen/Guidance/ Route/Safety Setting.
2 Sound	Provides the sound control options for Position, Bass, Mid, Treble, Volume, Ratio and Advanced settings.
3 Display	Provides the Adjust/ Mode settings.
4 Phone	Provides the Bluetooth Connection/ Auto Download/ Auto Connection Priority /Phone Ringtone/Audio Streaming/System Bluetooth Information settings.

Features	Description
5 Voice Recognition	Provides the Guidance and Priority settings.
6 Clock	Provides the Time and View settings.
7 Keyboard	Provides settings to switch keyboard layouts.
8 Screen Saver	Provides the Clock/ Image/None settings.
9 System Info	Provides software and storage space information.
10 Display Off	Provides the Display Off (touch activation) function.

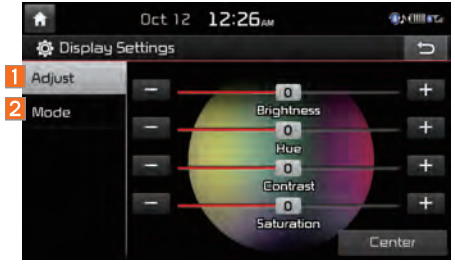
Sound Settings

Adjusts the sound effects for the whole system.

Features	Description
1 Position	Select the Up/Down/Left/Right button to control sound positioning. Press [Default Settings] to concentrate the sound on the center of vehicle.
2 Tone	Drag the slide bar to control bass/mid/treble settings. Press [Default Settings] to initialize the settings.
3 Priority	You can adjust the volume ratio between navigation announcements and regular audio.
4 Advanced	You can select [Speed Dependent Volume Control] to automatically control the volume by the vehicle's speed and Surround sound options. (Surround sound is optional.)
5 Beep	Select to activate a beep when pressing buttons.

Display Settings

Controls the display brightness and image rate for the whole system.



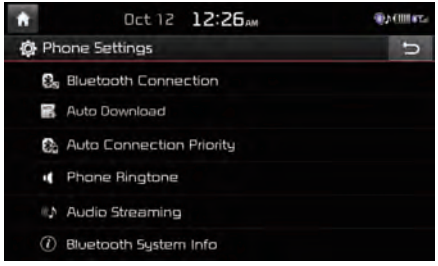
Features	Description
1 Adjust	Drag the slide bar to control the Brightness/ Hue/Contrast/Saturation settings. Press [Default Settings] to initialize the settings.
2 Mode	You can select Daylight/ Night/Automatic options for the display brightness according to mode changes.

Phone Settings

Changes Bluetooth phone settings.

Phone Settings

- Select the head unit SETUP key ▶ Select Phone.
- Home screen ▶ Select All Menus ▶ Select Settings ▶ Select Phone.



Bluetooth Connection Settings

- Select the SETUP in the head unit ▶ Select Phone ▶ Select Bluetooth Connection
- Connect a Bluetooth device ▶ Select the PHONE in the head unit ▶ Select Connections
- Connect a Bluetooth device ▶ Select All Menus from the Home screen ▶ Select Bluetooth Phone ▶Select Phone.

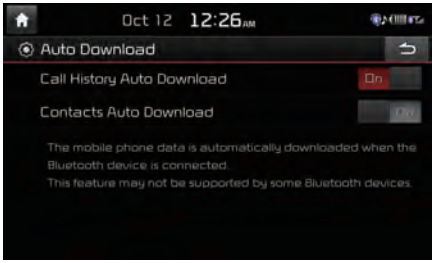
Features	Description
1 Paired Device List	Displays the paired Bluetooth device list. When selecting from the list, the device is connected or disconnected.
2 Bluetooth Audio Connection Status	An icon appears when you make a Bluetooth Audio connection.
3 Bluetooth Hands-Free Connection Status	An icon 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.
6 Delete All	Delete all paired devices.
7 Help	Switches to the Bluetooth Connection Help screen.

Information

- Up to 5 Bluetooth devices can be paired.
- Only one Bluetooth device can be connected at a time.
- During a 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 nearby Bluetooth devices.
- If the system is not stable, due to a vehicle-Bluetooth device communication error, restore the Default Factory Settings.
- For Default Factory Settings, the bluetooth settings are reset to factory settings
- Select the SETUP key ▶ Select Phone ▶ select System Bluetooth Information ▶Select Default Factory Settings

Auto Download

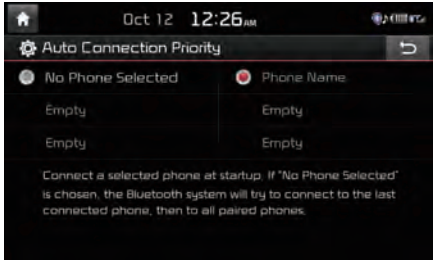
Select the SETUP key in the head unit ▶ Select Phone ▶ Select Auto Download .



When connecting through Bluetooth, Contracts and Call History are automatically downloaded to the vehicle.
This function can be disabled if you don't want to use it.
Some mobile phones may not support this function.

Auto Connection Priority

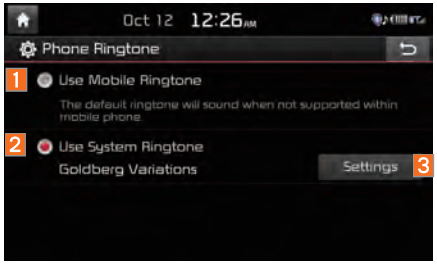
Select the SETUP key in the head unit ▶ Select Phone ▶ Select Auto Connection Priority .



When the engine is running, the selected Bluetooth device is automatically connected. If you fail to connect the selected device, the previously-connected device is automatically connected, and if it also fails, then it tries to connect all paired devices sequentially.
Depending on auto connection priority, connection to a device may takes time.

Phone Ringtone

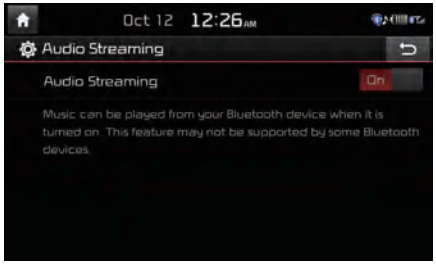
Select the SETUP key in the head unit ▶ Select Phone ▶ Select Phone Ringtone .



Features	Description
1 Use Phone Ringtone	The configured mobile ringtone comes out through the vehicle speakers when you receive a call. When a mobile doesn't support it, the basic ringtone of the vehicle will be used.
2 Use System Ringtone	The system ringtone will be used.
3 Settings	Changes the ringtone.
4 Ringtone Type	Selects a ringtone by name.
5 Preview	Previews the available ringtones.

Audio Streaming

Select the SETUP key in the head unit ▶ Select Phone ▶ Select Audio Streaming .



When audio streaming is set, you can play the music stored on a mobile device.

When this setting is off, Audio Streaming is not available.

Some mobile phones may not support this function.

System Bluetooth Information

Select the SETUP key in the head unit ▶ Select Phone ▶ Select Bluetooth System Info .

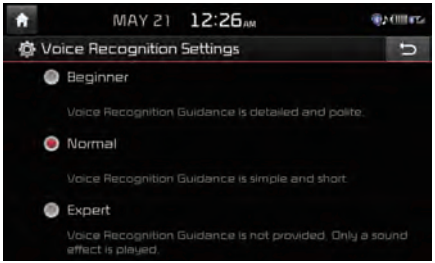
Features	Description
1 Device Name	You can change the Bluetooth device name of the vehicle.
2 Passkey	You can change the pass-key used for Bluetooth device authentication. the initial passkey is 0000.
3 Default Factory Settings	You can delete all paired devices and restore the Default Bluetooth Settings. For Default Factory Settings, all paired devices are deleted, and the system is reset to factory settings.

Information

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

Voice Recognition Settings

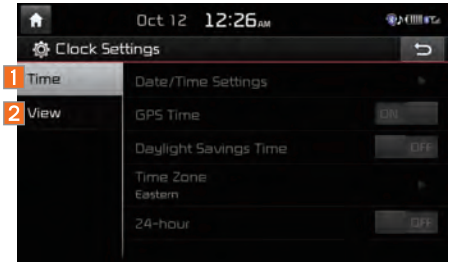
Configure how to make a call with Voice Recognition Guidance and Voice Recognition.



Features	Description
Guidance	Select an option from Beginner, Normal, or Expert.

Clock Settings

Provides the time and date settings.



Features	Description
1 Time Settings	Provides the GPS Time, Date/Time Settings, Daylight Savings Time, and 24 Hours options.
2 View Settings	Provides options to select a digital or analog clock widget for the screen saver or home screen, and to select the Display Date settings.

Keyboard Settings

You can configure the keyboard layout for each language.

You can configure ABCD or QWERTY keyboards for the system.

Information

- Configured keyboard layouts are applied to all input modes.

Screen Saver Settings

Configures a screen to be displayed when the system is powered off.

The options are Clock/Image/No Image. For Image, you can set the saved image from a USB file using the Find Image button.

System Info

At the System Info screen, software version information, updates, and storage status details are available.

Features	Description
1 SW Info	System version information and update details are available. Select the Update button to update the system. After update is completes, the system will reboot automatically.
2 Storage Space	Displays the memory space available for media files and applications.

System Update

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

Information

- This product needs supplemented software updates, additional new functions, and renewed maps, which collectively may take some time to complete, depending on the amount of data.
- You can download recent maps and new software from the http://www.kia.com update the system using a USB or SD card.

CAUTION

- If the power is disconnected or the USB or SD card is removed during an update, the data might be damaged. Please wait until the update is complete while the engine is on.

MEMO

10

part.10 Appendix

Product Specification
Has Malfunctioned
Troubleshooting
FAQ

Appendix

Product Specification

TFT-LCD

Screen Size	Navigation Device - 8 inch(176.4 x 99.36mm)
Resolution	Navigation Device - 384,000 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 ~ 107.9 MHz(Step : 200 kHz)
	AM : 530 kHz ~ 1710 kHz(Step : 10 kHz)
Sensitivity	FM : Under 10dBu/AM : Under 40dBu
Distortion Factor	Within 2%

Common

Name	Car TFT LCD Display Navigation Unit		
Power Supply	DC 14.4V	Operating Power	DC 9V ~ DC 16V
Current Consumption	2.5A	Sleep Current	0.5mA (Head Unit Only)
Operating Temperature	-20 ~ +70℃ (-4 ~ +158℉)	Storage Temperature	-40 ~ 85℃ (-40 ~ 185℉)
Dimensions	178 X 102 X138mm (Main BOX)		
Weight	2.3Kg		

Bluetooth® Wireless Technology

Frequency Range	2402 ~ 2480 MHz	Supported Bluetooth® Specification	3.0
Supported Profile	Handsfree(1.5), A2DP(1.2), AVRCP(1.4), PBAP(1.0)		
Output	0.125mW		
Number of Channels	79 channels		

⚠ CAUTION

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

Before Thinking the Product Has Malfunctioned

1. Errors which occur during the operation or installation of the device may be mistaken as a malfunction of the actual device.
2. If you are having problems with the device, try the suggestions listed below.
3. If the problems persist, contact your 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 for the vehicle 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	• The display appearing somewhat dark after prolonged periods of use is normal with LCD panels. It is not a malfunction • If the screen is very dark, contact your nearest KIA dealer for assistance
Sound is working from only one speaker	• Are the positions of Fader or Balance sound controls adjusted to only one side?
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?
Upon turning power on, the most recent mode screen is not displayed	Within modes that play files by reading external sources, such as discs, USB, iPod, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load • If there is no disc or the corresponding device is not connected, the mode operated prior to the most recent mode will operate • If the previous mode still cannot be properly played, the mode operated prior to that will operate

Troubleshooting

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

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

Problem	Possible Cause	Countermeasure
The 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 • An HDD type, CF, SD Memory is being used • There are no music files which can be played	• Please use after formatting the USB into FAT 12/16/32 format • Remove any foreign substances on the contact surface of the USB memory and multimedia terminal • Directly connect the USB memory with the multimedia terminal on the vehicle • Directly connect the USB memory with the multimedia terminal on the vehicle • Use 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 recognized even though it has been connected	• There are no titles which can be played • The iPod firmware version has not been properly updated • The iPod device does not recognize downloads	• Use iTunes to download and save MP3 files into the iPod • Use iTunes to update the firmware version and reconnect the iPod with the device • Reset the iPod and reconnect with the device

Information

- While operating the device, if an abnormality occurs that cannot be corrected with the above described measures, press the RESET key to reset the system.
- Press and hold the RESET key (over 1 seconds). The device power will turn off and the system will reset.

FAQ

About Pairing Mobile Phones

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

A Check to see that the mobile phone supports Bluetooth® function. If your phone is a Bluetooth® phone, then check to see whether the Bluetooth® setting within your phone been is set to 'Hidden'. If the device is set to hidden, please un-hide the device (set to unhidden state).

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

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

Q What is a Passkey?

A A passkey is the password used to authenticate the connection between the head unit and mobile phone. The passkey only needs to be entered once when pairing the mobile phone for the first time.

The initial passkey is 0000. You can change it with Settings ▶ Phone ▶ Bluetooth System Info ▶ Passkey menu options.

About Making/Answering Phone Calls

Q How can I answer a call?

A When there is an incoming call, a notification pop-up will become displayed. To answer the incoming call, press the Accept button on the screen or the key on the steering remote controller. To reject the call, press the Reject button on the screen or press the key on the steering remote controller.

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

A While one a call, press and hold (over 0.8 seconds) the key on the steering remote controller or press the Private button at the bottom of the Phone screen to switch the call to your mobile phone.

About *Bluetooth*® Wireless Technology/ Head Unit Use Environment

Q What is the range of my wireless connection?

A The wireless connection can be used within 15 yards.

Q How many mobile phones can be paired?

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

Q Why is call quality sometimes poor?

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

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Important Safety Information

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

Keep User's Guide in Vehicle

When kept in the vehicle, the User's Guide will be a ready reference for you and other users unfamiliar with the AV&Navigation system. Please make certain that before using the system for the first time, all persons have access to the User's Guide and read its instructions and safety information carefully.

Warning:

Operating certain parts of this system while driving can distract your attention away from the road, and possibly 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 while 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

Voice Command Control

Functions within the AV&Navigation system may be accomplished using only voice commands. Using voice commands while driving allows you to operate the system without removing your hands from the wheel.

Prolonged Views of Screen

Do not access any function 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 requiring 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 Setting

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 persons using this system carefully read and follow instructions and safety information fully.

Distraction Hazard

Some navigation features may require manual (non-verbal) setup. Attempting to perform such set-up 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 Judgment Prevail

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

Route Safety

Do not follow the route suggestions if doing so would result in an unsafe or illegal maneuver, 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 therefore, must 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 judgment 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, fire stations, hospitals and clinics are contained in the map database for navigation features.

Use of Speech Recognition Functions

Speech recognition software is inherently a statistical process which is subject to errors. It is your responsibility to monitor any speech recognition functions included in the system and address any errors.

FCC Warning

U.S.FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT INFORMATION TO THE USER

NOTE : This equipment has been tested and founded 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 dose cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encourage to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet of a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

The users manual or instruction manual for an unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.

This equipment complies with FCC radiation exposure set forth for an uncontrolled environment
This equipment should be installed and operated with minimum 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.
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.

IC Warning

This device complies with Industry Canada licence-exempt RSS standard(s).
Operation is subject to the following two conditions: (1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

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

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.
L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Toute modification non expressément approuvée par la partie responsable de la conformité pourrait annuler l'autorisation accordée à l'utilisateur d'utiliser cet équipement.

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B2END08

B2MS7-G0001

KIA Navigation System
QUICK REFERENCE GUIDE

KIA MOTORS

Thank you for purchasing this multimedia system.

This user's manual explains how to use the KIA Motor multimedia system. Before using the product, read the contents of this user's manual carefully and use this product safely.

- The screens shown in this manual may differ with the actual screens of the product.
- The design and specification of this product may change without prior notification for product improvement.
- When transferring the vehicle to another individual, include this user's manual so that the next driver can continue its use.

Precaution for safe usage

- Driving while distracted can result in a loss of vehicle control, that may lead to an accident, severe personal injury, and death. The driver's primary responsibility is in the safe and legal operation of a vehicle, and use of any handheld devices, other equipment, or vehicle systems which take the driver's eyes, attention and focus away from the safe operation of a vehicle or which are not permissible by law should never be used during operation of the vehicle.
- Do not operate the multimedia system while driving.
- Do not disassemble, assemble, or modify the multimedia system.
- Do not watch the screen for prolonged periods of time while driving.
- Set the volume to a level which allows the driver to be aware of external conditions.
- Do not operate the multimedia system for prolonged periods of time with the vehicle ignition in ACC. Such operations may lead to battery discharge.
- Be cautious not to spill water or introduce foreign objects into the device.
- Do not cause severe shock to the device. Direct pressure onto the front side of the monitor may cause damage to the LCD or touch panel.
- In case of product malfunction, please contact your place of purchase or service center.
- When cleaning the touch screen, make sure to turn off the device and use a dry and smooth cloth. Never use tough materials, chemical cloths, or solvents (alcohol, ammonia, benzene, thinners, etc.) as such materials may damage the device panel or cause color and quality deterioration.

here
Maps for Life

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⚠ WARNING

- Driving while distracted can result in a loss of vehicle control that may lead to an accident, severe personal injury, and death. The driver's primary responsibility is in the safe and legal operation of a vehicle, and use of any handheld devices, other equipment, or vehicle systems which take the driver's eyes, attention and focus away from the safe operation of a vehicle or which are not permissible by law should never be used during operation of the vehicle.

- Infinity is a trademark of Harman International Industries, Inc.
- At launch, the Apple iPhone® will be the only UVO eServices compatible device. iPhone® is a registered trademark of Apple Inc. Apple iOS6 compatibility expected early 2013. Additional compatible devices expected late 2013.
- App Store is a service mark of Apple Inc. No charge for the UVO eServices app. App runs on your smartphone cellular data service. Normal data rates will apply.
- HD Radio™ and the HD Radio™ logo are proprietary trademarks of iBiquity Digital Corporation.
- 24-hour Roadside Assistance is a service plan provided by Kia Motors America, Inc. Certain limitations apply. Coverage details are available in the Kia Warranty and Consumer Information Manual. For access to Enhanced Roadside Assistance, a connected mobile phone via Bluetooth within the cellular service coverage area is required.
- Vehicle Diagnostics do not take the place of regularly scheduled maintenance. Feature checks powertrain, chassis, and airbag systems only. For factory-recommended maintenance schedule, see the Maintenance Feature of UVO eServices or the Owner's Manual.
- 911 Connect activates after an airbag deployment. Feature requires a connected mobile phone via Bluetooth. Dependant on cellular service coverage.
- The rear-camera display is not a substitute for proper and safe backing-up procedures. The rear-camera display may not display every object behind the vehicle. Always drive safely and use caution when backing up.

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Head Unit

	Name	Description
1	RADIO	Converts to FM/AM/SiriusXM™ mode • Each time the key is pressed, the mode is changed in order of FM → AM → SiriusXM™ → FM
2	MEDIA	Converts to MEDIA mode • If the media is not connected or is or CD player not available for Model, Media mode will not be activated. • Press this key to move to the last mode that you accessed in Media. Press it once again to display the screen where you can select a Media mode.
3	UVO	Displays the UVO mode
4	SEEK TRACK	When key is pressed shortly. (under 0.8 seconds) • FM/AM mode : plays previous/next frequency • SiriusXM™ mode : plays the previous/next channel • MEDIA (USB/iPod/My Music) modes : changes the track, file or chapter (except USB Image and AUX) When key is pressed and held. (over 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) modes : rewinds or fastforwards the track or file (except USB Image, Bluetooth Audio and AUX)
5	MAP VOICE	VOICE Displays the map for the current position
6	NAVI	Moves user to the menu screen where you can find your destination and set the route.

	Name	Description
7	PHONE	Takes user to home phone screen
8	INFO	Displays the information mode
9	SETUP	Displays the Setup mode
10	PWR/ VOL	• When power is off, press to turn power on • When power is on, press and hold (over 0.8 seconds) to turn power off • When power is on, press shortly (under 0.8 seconds) to turn Audio off • Turn left/right to control volume
11	TUNE	• In FM/AM mode, changes the frequency • In SiriusXM™ mode, changes the channel • In USB, iPod, My Music modes, changes the track, file or chapter(except USB Image, Bluetooth Audio and AUX)
12	RESET	Resets the system settings. (Preset radio channels and other data will not be deleted.)
13	SD MAP	SD Card insert slot

Steering Wheel Remote Controller

	Name	Description
1	VOLUME	Controls the volume
2	MODE	• Each time this key is pressed, mode is changed in order of FM → AM → SiriusXM™ → USB Music or iPod → AUX → Bluetooth Audio → My Music • If the media is not connected, corresponding modes will be disabled • Press and hold the key (over 0.8 seconds) to turn the Audio system on/off • When power is off, press the key to turn power back on
3	∧ ∨	When keys are pressed shortly. (under 0.8 seconds) • FM/AM mode : searches broadcast frequencies saved to Presets • SiriusXM mode : searches broadcast channels saved to Presets • Media(MP3/USB/iPod/My Music) mode : changes the track, file or chapter (except USB Image, Bluetooth Audio and AUX) When keys are pressed and held. (over 0.8 seconds) • FM/AM Mode : Automatically searches broadcast frequencies • SiriusXM™ mode : automatically searches broadcast channels • Media mode : Quickly looks up songs (excluding USB images, AUX, and Bluetooth audio files)
4		When pressed shortly. (under 0.8 seconds) • Activates voice recognition When pressed and held. (over 0.8 seconds) • Ends voice recognition

	Name	Description
5		When pressed shortly. (under 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. (over 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

Learn how to touch the screen to operate the system.

Select

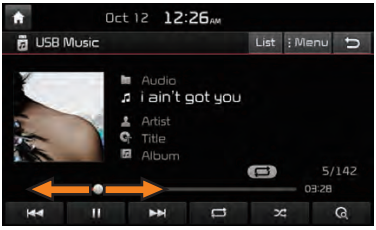
Tap lightly on a menu or an item to select it.

NOTICE

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

Drag & Drop

Select a menu or item you want, then drag and drop it to 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.

Drag the frequency bar to the left or right to move to the frequency that you want.

From the My Menu Settings screen, drag and drop icons to add, delete, or move to/from My Menu.

Flick (Quick Scrolling)

Quickly moves up and down in the list.

NOTICE

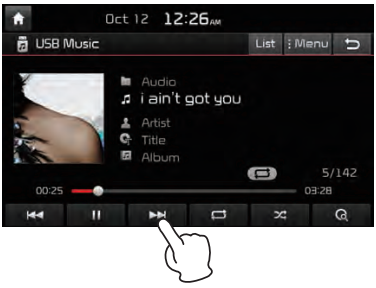
- Moving the list when there are many items will display a handler on the right of the display. You can easily move many items at a time with the handler

You can view the previous or next image by flicking left/right on an image on the USB Image screen.

Flick left/right on the frequency bar in the radio player to look up the previous/next frequency available.

Press and Hold

Pressing the ⏮ and ⏭ buttons in the music or video player will fast forward/rewind the music or video.



Zoom In/Out

You can maximize the size of a photo on the USB Image screen by tapping it twice quickly. To minimize the size of the photo, quickly tap it twice again.

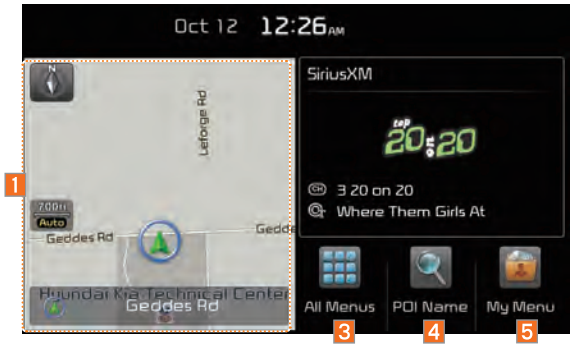
Setup is the screen to control system settings of the AVN.
To enter the screen, select the Setup key of the device or the Setup button in All menus.

[Option 1]

Features	Description
1 Navigation	Provides Normal/ Screen/Guidance/ Route/Safety Settings.
2 Sound	Provides the sound control options for Position, Bass, Mid, Treble, Volume, Ratio and Advanced settings.
3 Display	Provides the Adjust/ Mode settings.
4 Phone	Provides the Bluetooth Connection/ Auto Download/ Auto Connection Priority/ Phone Ringtone/Audio Streaming/System Bluetooth Information settings.

Features	Description
5 Voice Recognition	Provides the Guidance and Priority settings.
6 Clock	Provides the Time and View settings.
7 Keyboard	Provides settings to switch keyboard layouts.
8 Screen Saver	Provides the Clock/ Image/None settings.
9 System Info	Provides software and storage space information.
10 Display Off	Provides the Display Off (touch activation) function.

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 Menu	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 favorite 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.

	AV-Mute	Navigation-Mute	Making a call and Bluetooth connection			
ICON	Audio	NAVI				
Description	Mute AV sound	Mute Navogation sound	Bluetooth phone remaining battery	HF connection	Making a call using BT phone	Bluetooth phone reception sensitivity
ICON						
Description				Connecting to music stream		
ICON						
Description				HF+ streaming connection	Mute Bluetooth phone micro-phone	
ICON						
Description				Downloading contacts/ recent calls		

Adding Your Favorite Menu Items to My Menu

From the Home screen, select My Menu ▶and then Edit .

From the My Menu Settings screen, select menu items from the list on the right, then drag and drop them to a desired place on the left.

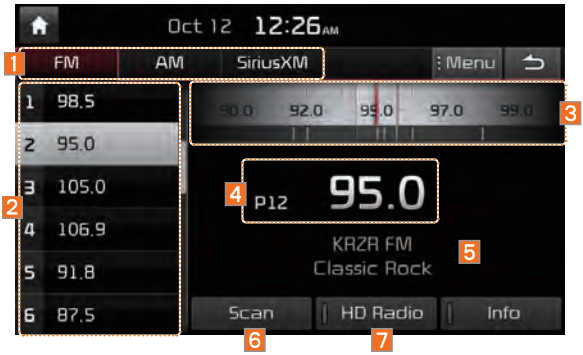
On the other hand, if you drag items from the left and drop them on the right, they will be deleted from My Menu instead.

Information

- Up to eight items can be added to My Menu.

Accessing FM/AM Mode

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



Information

- If you press the Radio hard key when the power is off, then the power will turn on and a radio broadcast will be tuned up.
- If you are in the 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. A total of 24 frequencies with 12 preset frequencies each for FM/AM modes can be saved.
3 Frequency Bar	• Flick the frequency bar left/right to search for available radio channels to the left or right of the current channel. • Dragging: Drag the frequency bar to the left/right to find the radio channel that you want.
4 Frequency	Displays the current frequency
5 Broadcast station	Displays the current broadcast station name.
6 Scan	Plays frequencies with superior reception for 5 seconds each
7 HD Radio™ on/off	Used to set whether to turn HD Radio™ reception On/Off.

Features	Description
8 Info	Turns the Radio Text information on and off • If the ON Text On button is displayed (Text off state), information will not be displayed even if there is information being transmitted from the broadcast station. • If the Off Text Off button is displayed (Text on state), then broadcast information will be displayed. Information may not be displayed if there is no information being transmitted from the broadcast station.
9 Menu	• Autostore - Saves frequencies with superior reception to Preset buttons i While Auto Store is operating, pressing the Auto Store button again will cancel the function and play the previous frequency. • Preset Scan - Plays preset frequencies for 5 or 10 secodes each • HD on : 10 seconds • HD off : 5 seconds
10 Scan/ Auto Scan/ Preset Scan	Displays an activated mode from the Scan/Auto Scan/Preset Scan modes.
11 SEEK/ TRACK	• Pressing this button briefly (less than 0.8 seconds) : Seeks the previous/next frequency. • Pressing and holding this button (longer than 0.8 seconds) : Moves quickly through all of the frequencies. From the moment that you release the button, the system will seek the next available frequency.
12 TUNE	Turn the TUNE knob to manually seek available frequencies. • FM : Increment/decrement by 200 kHz • AM : Increment/decrement by 10 kHz

Basic Mode Screen (HD Radio™ reception ON)

Name	Description
1 HDRadio™ Reception &Channel buttons	Displays main HD Radio™ channels and used to directly select the currently available channels *i* As HD Radio™ reception is included within Radio mode, the methods of moving between channels, saving presets, searching, or methods of searching frequencies are identical. However, while the HD Radio™ related icon display will become active when within regions where an HD Radio™ signal can be received.
2 HD Channel Number	HD Channel number saved in preset
3 Broadcast Info	Displays detailed information about the current broadcast
4 HDRadio™ on/off	Used to set whether to turn HD Radio™ reception On/Off.

SiriusXM™ Mode

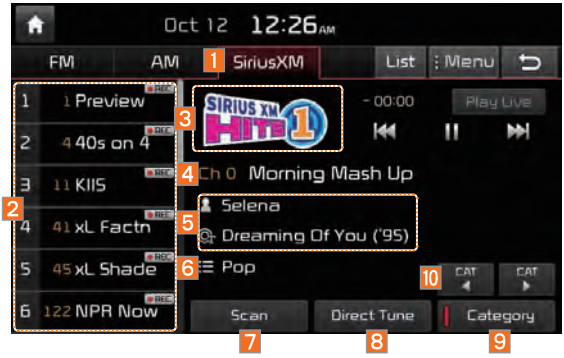
SiriusXM™ Mode Hard Key Controls

You can access the radio player either by pressing the Radio hard key or by selecting the Radio menu option from All Menus on the Home screen. Select the SiriusXM™ tab from the radio player.

Information

- If you press the Radio hard key when the power is off, then the power will turn on and a radio broadcast will be tuned up.
- If you are in the SiriusXM™ mode, select the SiriusXM™ radio widget from the Home screen to access the radio player.
- When the power is off, pressing the Radio key will turn the power on and play a SiriusXM™ Radio broadcast.

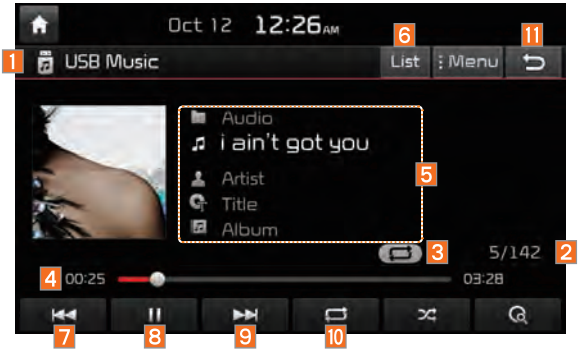
SiriusXM™ Mode Display Controls



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. *i* A total of 18 frequencies for SiriusXM™ modes can be saved.
3 Channel Logo	Displays the current channel logo
4 Channel Info	Displays the current channel number and name
5 Contents Info	Displays the artist, title and other informationabout the current playing song
6 Category Info	Displays the current playing category
7 Scan	Plays all receivable channels for 10 seconds each
8 Direct Tune	Used to search for channels by entering channel numbers
9 Category	If you press Category, when search channels through SEEK, Tune and Scan, search it in the current category.
10 Category Selection Buttons	Used to select the previous/next category

Features	Description
11 Play Live	It will change to listening live broadcast mode.
12 Skip Backward	Repeats the previously broadcasted program. • Holding for less than 2 seconds: Moves to the previous segment. • Holding for less than 0.8 seconds : Moves to the previous segment • Holding for longer than 0.8 seconds: Moves to the previous 5 seconds
13 Play Pause	Pauses/plays the currently broadcasting program.
14 Skip Forward	Moves to the next segment.
15 List	Displays SiriusXM™ Radio Categories/Channel Lists
16 Menu	What's on My Preset? The program schedule saved in my preset. (For more details, see Section 2.5. Viewing Menu.) • Featured Favorite Theme channels recommended by SiriusXM™. (For more details, see Section 2.5. Viewing Menu.) • Preset Scan Plays preset frequencies for 5 seconds each.
17 SEEK/ TRACK	When key is pressed shortly.(under 0.8 seconds) Plays the previous/next channel When key is pressed and held.(over 0.8 seconds) Continuously changes the channel until the key is released and plays the current channel
18 TUNE	Changes the channel

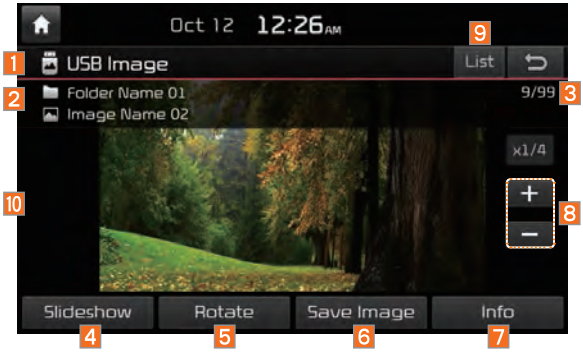
USB Music



Features	Description
1 Mode	Displays currently operating mode
2 File Index	Shows the current file/total files within the USB
3 Repeat/ Shuffle/Scan	From Repeat/Shuffle/Scan, displays the currently operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the information of 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
7 Previous File	If press button short (less than 0.8 seconds) : Moves to the previous file or play the current file from the beginning (Depends on the play time) • If play time is less than 3 seconds, moves to previous file • If play time is over than 3 seconds, play the current file from the beginning If press button long (over than 0.8 seconds) it rewinds the track
8 Play/Pause	Plays/pauses the current file
9 Next File	• If press button short (less than 0.8 seconds) : Moves to the next file • If press button long (over than 0.8 seconds) : It fast-forwards the track
10 Repeat	Repeats the current file • If select the song in the file tab on the list screen : Press the REPEAT button to switch between repeating one song, repeating folder, and turning repeat off • If select the 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

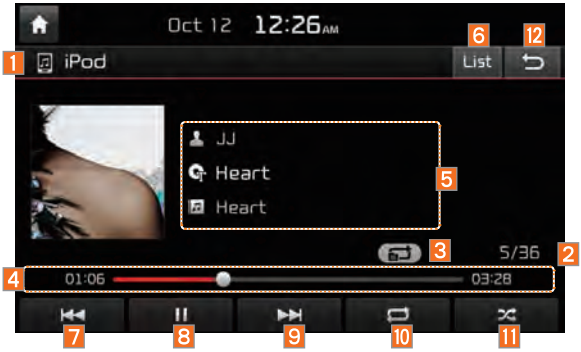
Features	Description
12 Shuffle	Plays files in random order • If select the song in the file tab on the list screen : Press the SHUFFLE button to switch between Shuffle Folder, Shuffle All, and turning shuffle off • If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen : Press the SHUFFLE button to switch between Shuffle Category and turning shuffle off
13 Scan	Scans the beginning parts of USB files (approx. 10seconds per file) • If select the song in the file tab on the list screen : Press the SCAN button to switch between Scan Folder, Scan All, and turning scan off • If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen : Press the SCAN button to switch between Scan category and turning scan off
14 Menu	• Add to Playlist : Add the current track to the Playlist Playlist is placed on the left tab in the list • Save to My Music: You can save the current track to My Music. You can play saved track from My Music without USB. Access to My Music in the Media mode.
15 SEEK/ TRACK	If press button short (less than 0.8 seconds) moves to previous/next file or play the current track from the beginning • If play time is less than 3 seconds, moves to previous/next file • If play time is over than 3 seconds, play the current file from the beginning If press button long (over than 0.8 seconds) it will rewind/fast-forward the track
16 TUNE	Turn the TUNE knob to search a desired track. If the desired track is displayed, press the TUNE knob to play the track.

USB Image



Features	Description
1 Mode	Displays currently operating mode
2 Folder Name	Displays folder name where image is located
3 File Index	Shows the current file/total files within the USB
4 Slideshow	images as slideshow in 5, 10, 20, 30 second intervals
5 Rotate	Rotate image in clockwise direction
6 Save Image	image as frame screen displayed when the system power is turned off
7 Info	Shows the file name, resolution and file type of current image
8 Adjust Image Size	Enlarge/reduce (zoom-in/zoom-out) image size
9 List	Moves to the list screen
10 Previous/ Next Image, Enlarge/ Reduce Image	• Swipe image left or right to see previous/next image • Maximum Image : Touch the screen twice quickly • Minimum Image : Touch the maximum screen twice quickly

iPod



Features	Description
1 Mode	Displays currently operating mode
2 Song Index	Shows the current song/total songs
3 Repeat/Shuffle	From 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 Previous File	If press button short (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time) • If play time is less than 3 seconds, moves to previous file • If play time is over than 3 seconds, play the current file from the beginning If press button long (over than 0.8 seconds) it rewinds the track.
8 Play/Pause	Plays/pauses the current file
9 Next File	• If press button short(less than 0.8 seconds), Moves to the next file • If press button long(over than 0.8 seconds), it does fast-forward the track.
10 Repeat	Repeats the current file Press the REPEAT button to switch between repeating 1 track, and turning repeat off
11 Shuffle	Plays files in random order When pressing shuffle button, it changes to shuffle category → deactivate shuffle then repeat • Shuffle Category: Shuffle song in the current category
12 Back Button	Move to home/previous mode screen

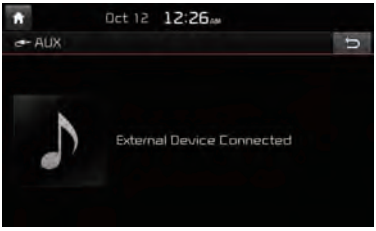
Features	Description
13 SEEK/TRACK	If press button short (less than 0.8 seconds) moves to previous/next file or play the current song from the beginning • If play time is less than 3 seconds, moves to previous/next file • If play time is over than 3 seconds, plays the current file from the beginning If press button long (over than 0.8 seconds) it will rewind/fast-forward the track
14 TUNE	Turn the TUNE knob to search a desired track. If 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 tracks, the track info for the current track is restored.

AUX

Connecting an External Device

If an external device connector is connected with the AUX terminal, then AUX mode will automatically operate. Once the connector is disconnected, the previous mode will be restored.

- AUX mode can be used only when an external audio player (camcorder, car VCR, etc.) has been conne cted.
- The AUX volume can also be controlled separately through the connected device.



NOTICE

- If only cable connected to the AUX without an external device, the mode 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.

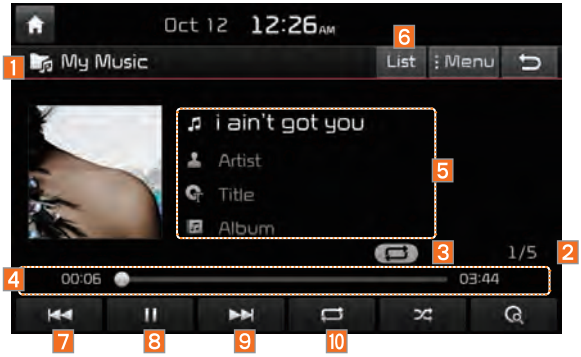
Bluetooth Audio

Features	Description
1 Mode	Displays currently operating mode
2 Phone Name	Displays name of connected phone
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 over than 3 seconds, plays the current file from the beginning i 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 Connections	Moves to the Bluetooth Settings screen. You can pair a new device or change/delete paired device(s)
9 SEEK/TRACK	Plays the previous/next file
10 TUNE	TUNE is not supported.

Information

- Artist info and Title may not supported by mobile phone

My Music



Features	Description
1 Mode	Displays currently operating mode
2 File Index	Shows the current file/total files
3 Repeat/Shuffle/ Scan	From Repeat/Shuffle/Scan, displays the currently operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays track/artist/title/album info • If select the song in the file tab on the list screen : Displays File, artist, title, album info • If select the song in the other tabs on the list screen : Displays artist, title, album info
6 List	Moves to the list screen
7 Previous File	If press button short (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time) • If play time is less than 3 seconds, moves to previous file • If play time is over than 3 seconds, play the current file from the beginning If press button long (over than 0.8 seconds) it rewinds the track
8 Play/Pause	Plays/pauses the current file
9 Next File	• If press button short (less than 0.8 seconds): Moves to the next file • If press button long (over than 0.8 seconds) it will fast-forward the file
10 Repeat	Repeats the current file • If select the song in the file tab on the list screen : Press the REPEAT button to switch between repeating one song and turning repeat off . • If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen : Press the REPEAT button to switch between repeating category and repeating one song and repeating category

Features	Description
11 Shuffle	Plays files in random order • If select the song in the file tab on the list screen : Press the SHUFFLE button to switch between shuffle and turning shuffle off • If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen : Press the SHUFFLE button to switch between shuffle and turning shuffle off
12 Scan	Scans the beginning parts of USB files (approx. 10seconds per file) • If select the song in the file tab on the list screen : Press the SCAN button to switch between scan and turning scan off • If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen : Press the SCAN button to switch between scan and turning scan off
13 Menu	• Add to Playlist: Adds the current song to the Playlist Playlist is placed on the left tab in the list • Delete Current File: Deletes the current track from My Music.
14 SEEK/ TRACK	If press button short (less than 0.8 seconds) moves to previous/next file or play the current song from the beginning • If play time is less than 3 seconds, moves to previous/next file • If play time is over than 3 seconds, plays the current file from the beginning If press button long (over than 0.8 seconds) it will rewind/fast-forward the track
15 TUNE	Turn the TUNE knob to search a desired track. If 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 tracks, the track info for the current track is restored.

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 PHONE in the head unit or 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 authorization popup. ▶ Connect Bluetooth.

Pairing a New Device Through the Phone Settings

Select SETUP in the head unit. ▶ Select Phone. ▶ Select Bluetooth Connection. ▶ Select Add New Device. ▶ Pair your car after your mobile phone detects the Bluetooth device. ▶ Enter the passkey or accept the authorization popup. ▶ Connect Bluetooth.

The default passkey is 0000.

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

Connecting Bluetooth Devices

Connects the Bluetooth devices that you add.

Connecting Devices by Selecting Phone/Call

Select PHONE in the head unit or in the steering wheel remote control. ▶ Select the name of the device to connect. ▶ Connect Bluetooth.

Connecting Devices Through the Phone Settings

Select SETUP in the head unit. ▶ Select Phone. ▶ Select Bluetooth Connection. ▶ Select the name of the device to connect. ▶ Connect Bluetooth.

Dial

Dials a call after the Bluetooth devices are connected.

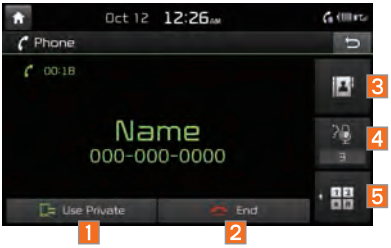
- Select PHONE in the head unit or in the steering wheel remote control. Select All Menus from the full screen display ▶ Phone.

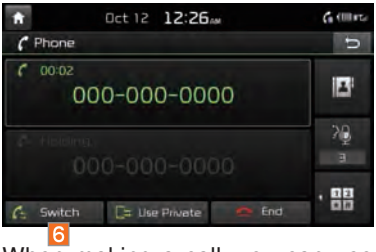
Name	Description
1 Keypad	Use the keypad to enter the phone number that you want to call. Press and hold the last number of a speed dial to dial a number that you added to the Speed Dial list in the phone
2 Delete	Delete the numbers that you entered.
3 Connections	Moves to a screen for making a Bluetooth connection.
4 Call	Makes a call after you dial a number and select CALL. If the number is listed in Dialed Calls, you can select the number and press CALL to automatically dial that number again.

Information

- Some types of mobile phones may not support the Speed Dial function.

Using the Menu During a Phone Call



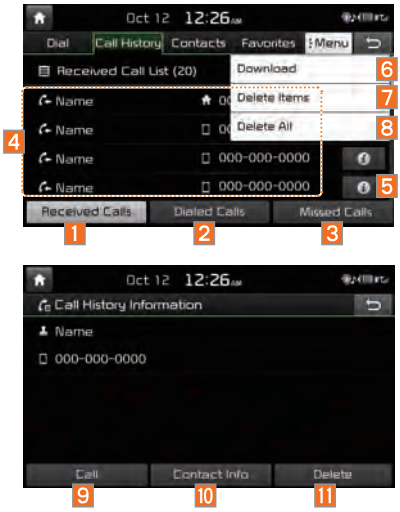


When making a call, you can use the following menu items.

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 a 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.

Call History

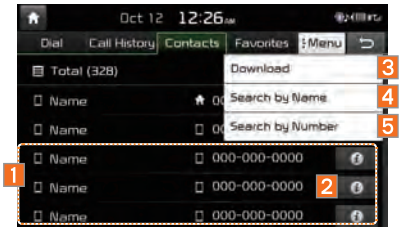
Select PHONE in the head unit ▶ and then Call History .

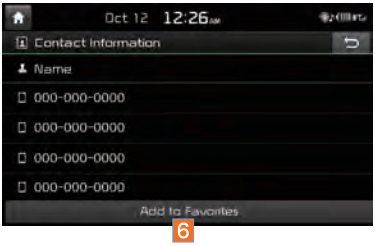


Name	Description
1 Received Calls	Lists the calls that you have received.
2 Dialed Calls	Lists the calls that you made.
3 Missed Calls	Lists the calls you missed.
4 Call History	Displays all of your call history. Select from the list to dial the number.
5 Information	Displays the details of your call history information.
6 Download	Downloads the call history information from your mobile phone.
7 Delete Items	Deletes the items that you select from your Call History Information.
8 Delete All	Deletes all of the items from your Call History Information.
9 Call	Dials the selected number in your Call History Information.
10 Contact Info	Goes to the Contact Information screen if the number has been stored.
11 Delete	Deletes your call history information.

Contacts

Select PHONE in the head unit ▶ and then Contacts

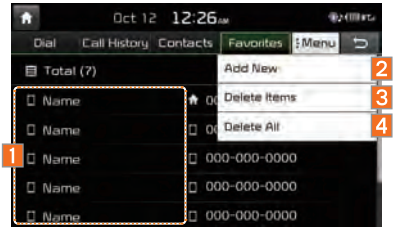




Name	Description
1 Contacts List	The list of Contacts. Select from the list to dial the number.
2 Information	Displays contact information.
3 Download	Downloads contacts from your mobile phone.
4 Search by Name	Searches Contacts for the name that you enter.
5 Search by Number	Searches Contacts for the number that you enter.
6 Add to Favorites	Adds a phone number to Favorites.

Favorites

Select PHONE in the head unit ▶ and then Favorites .



Name	Description
1 Favorites	Lists the phone numbers saved as Favorites. Select from the list to dial the number.
2 Add New	Adds a new number to Favorites.
3 Delete Items	Deletes numbers that you select from Favorites.
4 Delete All	Deletes all of the numbers from Favorites.

Precautions 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 (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 that recognizes your voice is located over the head part in the driver's seat. 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 key briefly (less than 0.8 seconds) on the steering wheel remote control to activate voice recognition.

Ending Voice Recognition

1. Select “Exit” to the left of the bottom to end voice recognition.
2. Press and hold (over 0.8 seconds) the on the steering wheel remote control to end voice recognition.

Skipping Prompt Messages

When you hear the prompt message, lightly touch the voice recognition icon on the steering wheel remote control to skip the message and go directly to standby 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.

Voice Recognition Screen Overview

Start Screen

Name	Description
1 Most frequently used commands	Displays the six most frequently used 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.
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 button	Displays all available help commands in a tree format.
7 Exit button	Ends the voice recognition.

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.

Phone 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 3. Using Bluetooth > Chapter 3. Bluetooth Phone > 3.6 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> in Office	You can call a person directly <Name> to the number that is saved as "Office" in the downloaded Contacts. e.g.) Call “John Smith” in Office
●	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
●	Redial	Directly calls at the number that you last dialed.
●	Call History	Displays your Call History, where you can say the list number to make a call.

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	Finds the address and sets it as the destination. To find an address, you should say “House Number → Street → City” (in order, excluding the state). e.g.) 300(Three Zero Zero) Main Street, Almond
●	Find the Nearest POI	Find the nearest points of interest from your current location. After this command, you can find the name of a location step-by-step.
●	Find the Nearest <Category>	Immediately finds <Category> nearest to your current location. For details of <Category>, see “5-8. List of Nearest Locations”. e.g.) Find the Nearest “Bank”
●	POIs Near Destination	Finds POIs near the destination. After this command, you can find the name of a location step-by-step.
●	<Category> Near Destination	Finds <Category> nea r the destination. For details of <Category>, see Owner’s Manual, “5-8. List of Nearest Locations” e.g.) “Bank” Near Destination
●	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 in on the navigation map to the fullest.
●	Zoom All the Way In	Zooms out from the navigation map to the fullest.
●	Cancel Route	Cancels the route to the fixed destination and exits guidance.
●	Route 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.
●	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
●	Media	Continues the last media you played. This command includes images.
●	Music	Continues the last media you played. This command does not include images.
●	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 currently connected.

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.

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.
○	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.

About Pairing Mobile Phones

Q I cannot pair my mobile phone, what is the cause?

A Check to see that the mobile phone supports Bluetooth® function. If your phone is a Bluetooth® phone, then check to see whether the Bluetooth setting within your phone has been set to 'Hidden'. If the device is set to hidden, please un-hide the device (set to unhidden state).

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

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

Q What is a Passkey?

A A passkey is the password used to authenticate the connection between the head unit and mobile phone. The passkey only needs to be entered once when pairing the mobile phone for the first time.
The initial passkey is 0000. The passkey can be changed by pressing SETUP ▶ Phone ▶ Bluetooth System Info ▶ Passkey menu.

About Making/Answering Phone Calls

Q How can I answer a call?

A When there is an incoming call, a notification pop-up will become displayed. To answer the incoming call, press the Accept button using the center controller or the key on the steering remote controller. To reject the call, press the Reject button on the screen or press and hold (over 0.8 seconds) the key on the steering remote controller.

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

A While on a call, press the key on the steering remote controller or press the Private button at the bottom of the Phone screen to switch the call to your mobile phone.

Q Why does call quality sometimes worsen?

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

About Voice Recognition

Q System cannot recognize my voice. What is the cause?

A_1 When start voice recognition, you can hear BEEP sound after system saying “Please say a command”. System recognizes your voice after this BEEP sound, for this reason when overlap BEEP sound and voice, system cannot recognize. Please wait and say after the BEEP sound.

A_2 This system can recognize already defined commands. You can find these commands on the screen and Voice Recognition session in Owner’s Guide.

Q System cannot recognize “Call John Smith”. What is the cause?

A_1 To call by name using voice recognition, please check these required conditions.

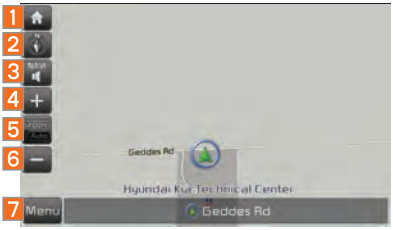
1. Connect the Bluetooth phone.
2. Contacts are downloaded.
3. Check if the name is stored on the downloaded contacts.
   (ex: John Smith)

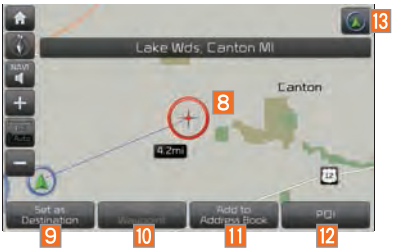
A_2 When you say “Call John Smith”, “John Smith” has to be stored in downloaded contacts. If “John Smith” is stored named “My Friend” system cannot recognize “Call John Smith” instead of “Call My Friend”.

Basic Features

Operating Navigation Screen

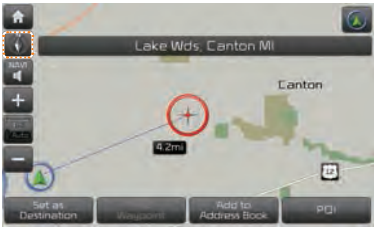
A basic features on the map screen.





	Name	Description
1		Move to the Home screen.
2		Change the map view mode.
3		Mute On/Off.
4		Zoom in the map.
5		Set the zoom level automatically according to the guidance.
6		Zoom out the map.
7	Menu	Quick and easy selection of a destination and options.
8		Touch to scroll the map.
9	Set a Destination	Quick and easy selection of a destination from the map screen.
10	Add Waypoint	Set a waypoint to the current route.
11	Add to Address Book	Store frequently used address to address book.
12	POI	Find a POI(Point Of Interest) around the current position.
13		View the vehicle's current position on the map screen.

Changing Map View



Touch the compass arrow icon to toggle between a map oriented to the North, or oriented parallel to the vehicle's heading.

Voice Guidance Volume On/Off

Press the button to toggle the voice guidance between on or off.

Zoom In /Zoom Out

zoom the screen in and out.

Zoom In and Zoom Out

Press + or − to set the zoom level

Map Scale

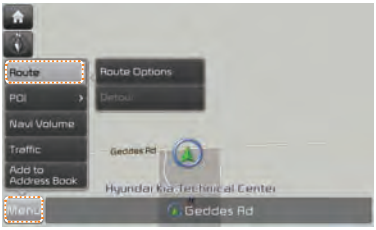
Set the zoom level automatically according to the road class

Name	Description
Scale Fix	Fix the displayed scale
Auto Scale	Change the map scale automatically depending on the road class

Menu

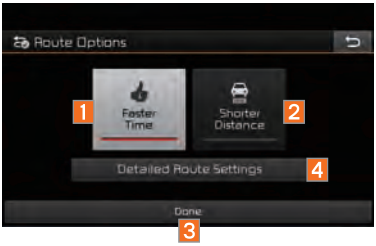
Route

Press Menu button on the bottom left of the screen ▶ Press Route button



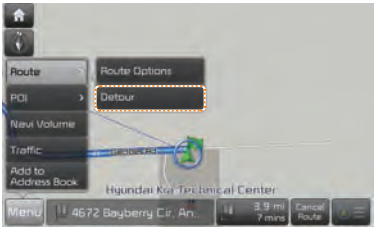
Press the Route button to set Route Option and Detour.

Route Option



Name	Description
1 Faster Time	Set an option based on the fastest time of arrival.
2 Shorter Distance	Set an option based on a shorter distance.
3 Done	Store the option. While the destination is set, use the selected option to calculate the route immediately.
4 Detailed Route Settings	Set details.

Detour



The Detour button is activated only when the route is planned.

Try to find a different route to make a detour within a selected distance ahead from current vehicle's position.

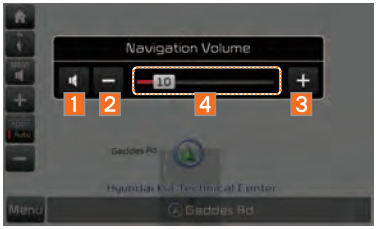
Press the Using Map button to set the section to avoid the current route on the map.

Name	Description
1 Shorter	Reduce the length of the section to avoid.
2 Longer	Increase the length of the section to avoid.
3 Detour	Start the calculation of the route by detouring the set section to avoid.

Navigation Volume

Press the Navi Volume button to adjust the volume.

Press the Navi Volume button.



Name	Description
1	Set the sound to mute.
2	Reduce the volume.
3	Increase the volume.
4	Slide to set the volume

Nearby POIs

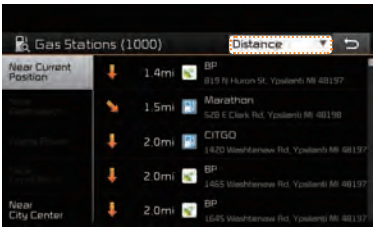
Display the information on nearby POIs on the map and to search and edit.

View Nearby POIs

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

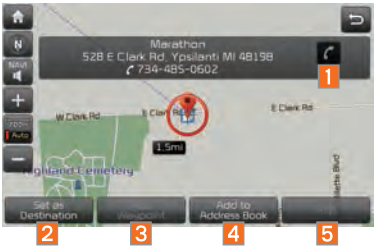
Press ON, OFF button to display or disappear the relevant POI information as an icon on the map. To select the sub-business type of the POIs move to the list. Select the desired business type (ex. gas station).

The list of gas stations nearby is displayed.



Display in order of distance, name by price.

Select the desired gas station to check the location information.



Name	Description
1	Make a call the place (After paring a phone with a Bluetooth)
2 Set as Destination	Set the place as a destination.
3 Set as Waypoint	Set the location as a waypoint.
4 Add to Address Book	Store the location.
5 POI	Search nearby POIs.

Search

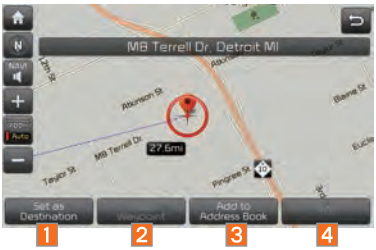
Address

Set destination by address search.

Press the NAVI head unit key. ▶ Select the Destination tab. ▶ Select the Address icon.

How to Search Address

Name	Description
1	First select the state to search.
2	Enter the house number. If you don't know the house number, press the Skip button.
3	Enter the street name. To allow actually existing street name only to be entered, the keys on the keyboard are automatically enabled or disabled, and if necessary, words are automatically completed. Press the Done button to display the corresponding street name and then select the item. If there are several cities with the same street name, the list of cities is displayed. Otherwise, enter a city on the keyboard and select the street and then the address search is completed.
4	Before entering the street, possible to select a city. Search by address only based on the streets in the city.



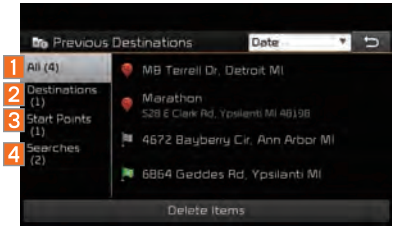
Enter the address to check the location information on the map.

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

Previous Destination

Search destination with the previous search information.

Press the NAVI head unit key. ▶ Select the Destination tab. ▶ Select the Previous Destination icon.



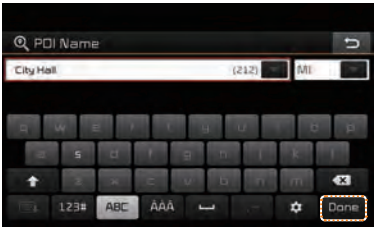
Possible to arrange by all, latest destinations, latest searched places, and latest departing places.
Possible to arrange in order of date and name.

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 previous searched places for route guidance. *i* But, not displayed when the searched places are set as destination.

POI Name

Press the NAVI head unit key.▶ Select the Destination tab. ▶ Select the POI Name icon.

Search POI Name to search the destination.

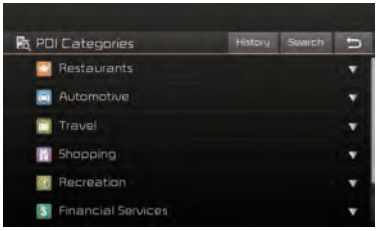


Enter the desired facility name and press the Done button.

Possible to select the desired destination among the search items.

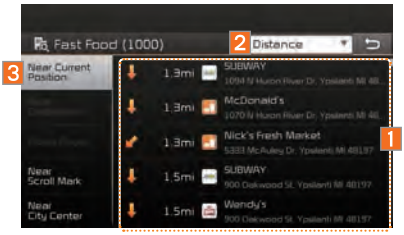
POI Categories

Press the NAVI head unit key.▶ Select the Destination tab. ▶ Select the POI Categories icon.



Select the desired item.

Select the desired item in the sub-categories.

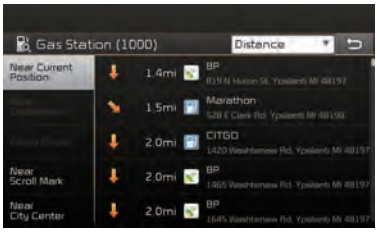


Name	Description
1	Select the desired destination among the searched items and add it as a way point.
2	Arrange in order of Distance and Name.
3	Arrange in order of Near Current Position, Near Destination, Along Route, Near Scroll Mark and Near City Center.

Gas Station

Search a gas station.

Press the NAVI head unit key. ▶ Select the Destination tab. ▶ Select the Gas Stations icon.

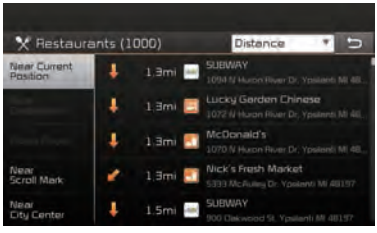


Possible to select the desired destination among the searched items.

Restaurants

Search a restaurant.

Press the NAVI head unit key. ▶ Select the Destination tab. ▶ Select the Restaurants

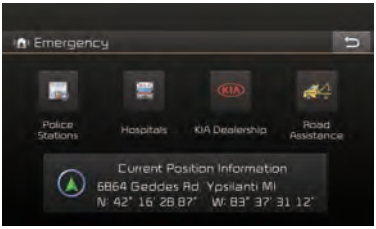


Possible to select the desired destination among the searched items.

Emergency

Search an emergency facility.

Press the NAVI head unit key. ▶ Select the Destination tab. ▶ Select the Emergency



Possible to check the current location information and select the desired item in the sub-menu (ex. police station).

Possible to select the desired destination among the searched items.

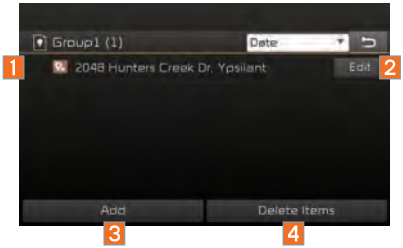
Address Book

Search the destination with the address book.

Press the NAVI head unit key.▶ Select the Destination tab. ▶ Select the Address book

Select the desired group.

Store it in the Favorite Places and then set the route rapidly with Go Home, Office and three buttons on the bottom of the menu screen.



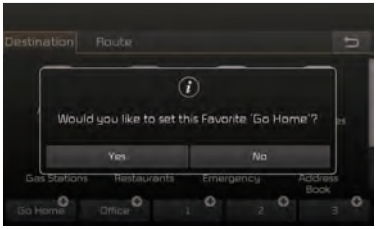
Name	Description
1	Possible to select the desired destination from the searched items.
2	Possible to edit the destination.
3	Possible to register a new destination.
4	Possible to delete the desired item.

Specially Registered Places

Set the route with the specially registered places.

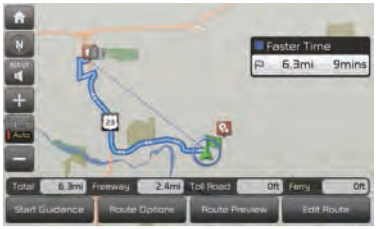
Press the NAVI head unit key. ▶ Select the Destination tab. ▶ Select the Specially Registered Places button.

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 the registered place names.



Press the Go Home button and then popup appears. Press the Yes button for setting.

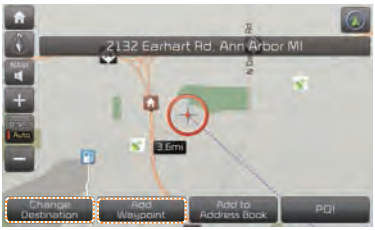
Register My Home in various searching methods. By using the same methods, possible to register Office, Special 1, Special 2, and Special 3.



Press the registered special point button to search a route as shown above.

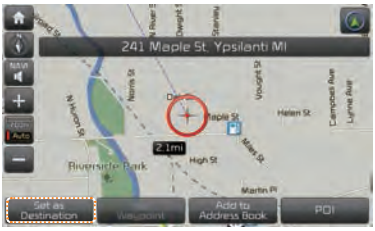
Route Setting

After searching the destination, possible to set a route.



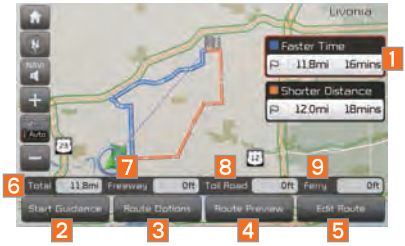
While the destination is set, the buttons Change Destination and Add Waypoint appear. Press each button to change a destination or add a waypoint.

Destination Setting(Change)



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

All Routes

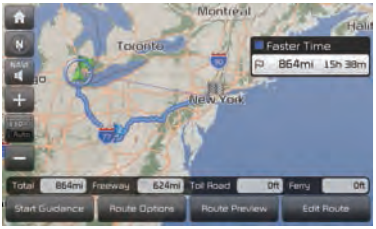


When the Alternative Routes option is enabled in Navigation Setting, display two routing options based on faster time and shorter distance.

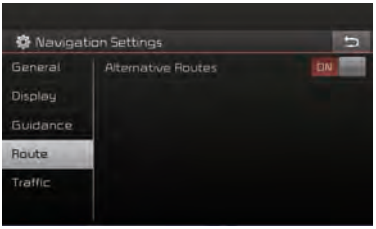
- Faster Time : Select time-optimized route, being the fastest roads.
- Shorter Distance : Select short distance, irrespective of how fast or slow progress will be

Name	Description
1 Faster Time	Display total distance, travel time, and toll fees. Select the desired route.
2 Start Guidance	Start the guidance with the route.
3 Route Options	Change the route option.
4 Route Preview	Preview turn-by-turn list.
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.



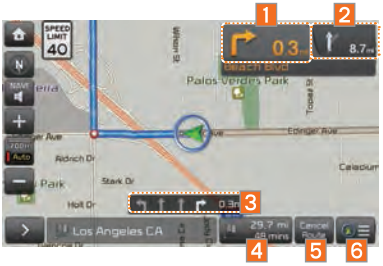
Alternative routes can be suggested if necessary, SETUP key ▶ Navigation Icon ▶ Route ▶ Alternative : on

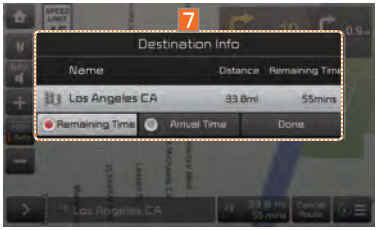


Route Guidance

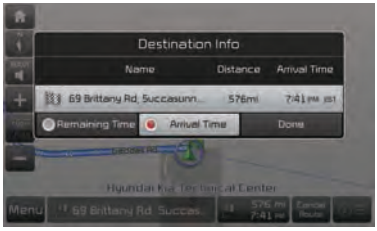
Possible to get the detailed information on route guidance.

Route Guidance Screen

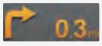
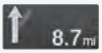




Remaining time : Display he estimated time of arrival



Arrival Time : Display the time for arrival

Name	Description
1 	Display the distance and direction to the first turn point.
2 	Display the distance and direction to the second turn point.
3	Display 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.
5 Cancel Route	Cancel the route.
6	Possible to change to preliminary guidance, TBT guidance, and zoom-on guidance screens.
7 Destination Info	Displays the destination information.

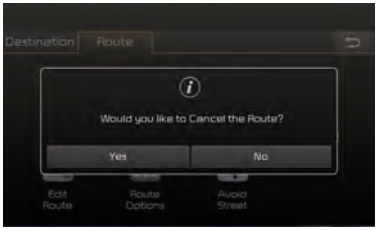
Route

Canceling Route

Cancel the route.

Press the NAVI hard key. ▶ Press the Route tab. ▶ Select Cancel Route .

Click Cancel Route the icon.



Press the Yes button to cancel the route.

Display Route Information

Press the NAVI hard key. ▶ Press the Route tab. ▶ Select Route Info .

Press the Route Info icon.

Possible to check the information on the route. Select the desired item to check the map information.

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

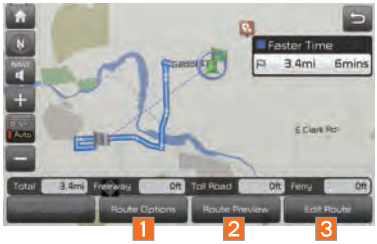
Check the desired item and press the Done button to finish.

Route Overview

Check the information on route including the distance, expected time, toll fees, etc.

Press the NAVI hard key. ▶ Press the Route tab. ▶ Select Route Overview .

Press the Route Overview icon.



Name	Description
1 Route Options	Change the search option.
2 Route Preview	Preview turn-by-turn list.
3 Edit Route	Provide information on surrounding facilities.

Editing Route

Edit the current route.

Press the NAVI hard key. ▶ Press the Route tab. ▶ Select Edit Preview .

Press the Edit Preview 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 Done button to finish editing.
6 Add Waypoint	Press the button Add Waypoint to add an waypoint.

Add the waypoint through various searching methods.

Route Options

Press the NAVI hard key. ▶ Press the Route tab. ▶ Select Route Options .

Press the Route Options icon.

Designate the route options to guide the route.

Avoid Street

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

Press the NAVI hard key. ▶ Press the Route tab. ▶ Select Avoid Street .

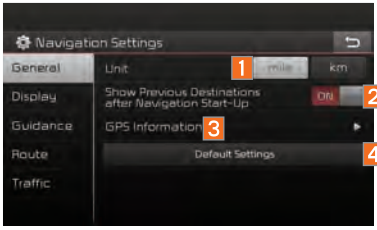
Press the Avoid Street icon.

Press the Done to plan new route after selecting the street(s) that you want to avoid.

Navigation Settings

General

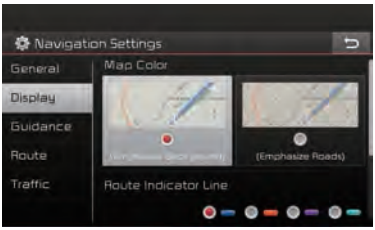
Change general settings.



Name	Description
1	Change the unit of mile, Km .
2	Press the ON, OFF button to change the previous destination view setting when starting the navigation. When the navigation is started without the route planned, a list of previous destinations can be displayed or not by setting.
3	Check the GPS information.
4	Press the Default Settings button to initialize.

Display

Change the display environment settings.

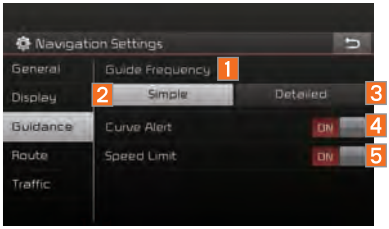


Change the map colors and the route guidance line colors.

Change the vehicle symbol.

Guidance

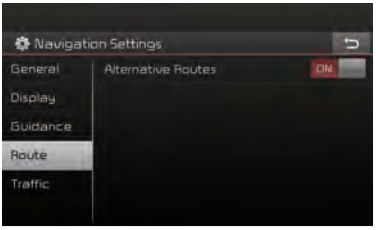
Change the guidance setting.



Name	Description
1	Set the guide frequently
2	Less guidance will be given
3	Much guidance will be given
4	Press the ON or OFF button to change the curve alert setting.
5	Press the ON or OFF button to change the speed limit alert setting.

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”

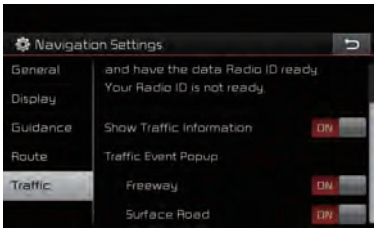
NOTICE

- 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.



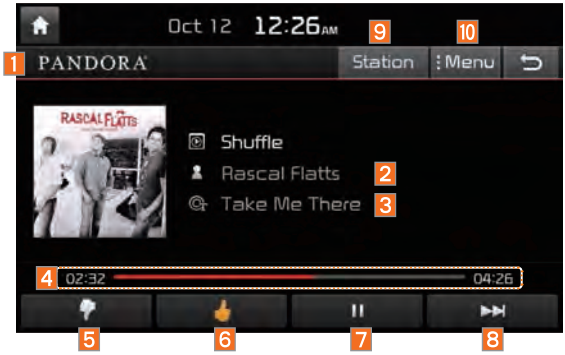
Press the ON or OFF button to change the settings.

- Show Traffic Information On/Off : Select whether to display traffic information or not
- Traffic Event Popup Freeway On/Off : Select whether to display popup massage for traffic information on freeway
- Traffic Event Popup Surface Road On/Off : Select whether to display popup massage for traffic information on surface road.

Pandora Radio Mode

Press the “Pandora” icon after selecting All Menus or the Info hard-key to enter Pandora Radio mode.

Pandora Radio Mode Screen Controls



Name	Description
1 Mode	Displays currently operating mode.
2 Station Info	Shows the station name currently playing.
3 Track Info	Shows the artist/title information currently playing.
4 Play Time	Displays the current play time.
5 Thumb up	If you like the genre of the music currently playing, press this button to send a "Thumb Up" signal to Pandora so that more similar music will play.
6 Thumb Down	If you don't like the music currently playing, press this button to move to the next music and to minimize the number of playbacks of similar genre music. i You can move to next song up to specific times which pandora allows
7 Play/Pause	Plays/pauses the current song
8 SKIP	Moves to the next track i You can move to next song up to specific times which pandora allows
9 Station List	Moves to the station list screen.
10 Menus	• Bookmark Track Adds the music currently playing to the bookmarks list. • Bookmark Artist Adds the artist of the music currently playing to the bookmarks list. i You can view your bookmarked artists and songs from your Pandora profile online. Go to pandora.com, then click on the “Your Profile” button above the player. That will bring up a page with your stations, bookmarked artists, and bookmarked songs.

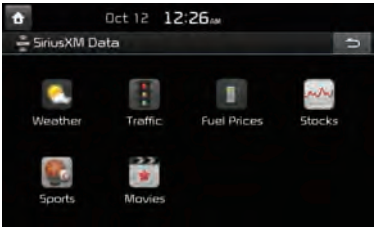
About SiriusXM™ Data Service

The SiriusXM™ Data Service is a paid membership Satellite radio service which provides users with traffic, stock, sports, and weather information.

However, weather information is not supported for vehicles purchased in Canada.

Accessing SiriusXM™ Data

Press the “SiriusXM Data” icon after selecting All Menus or the INFO hard-key to enter the SiriusXM™ Data mode.



Weather Forexcast

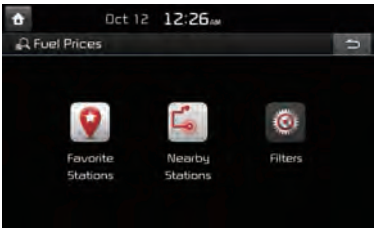
This service provides current weather information and weather forecasts for the next five days in your region. To change the region, press the Other City button and select the desired region.

Warnings and Advisories

This service provides weather warnings and advisories, such as tornado, storm, Floodflood, etc. as symbols on the Navigation map.

SiriusXM™ Fuel Price Information

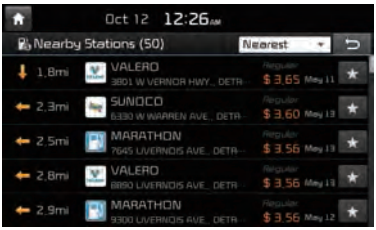
At the “SiriusXM Data” screen, press the “Fuel Prices” icon to enter the Fuel Prices Information mode.



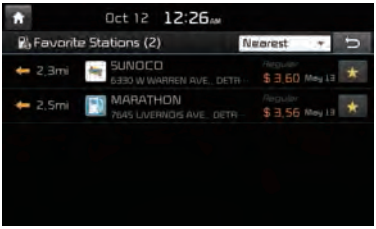
Search for Nearby Stations, and Register Key Locations as Favorite Stations.

Search for nearby stations with the “Nearby Stations” menu.

It shows station locations, starting from the nearest one, and select “Nearest” menu on the top right side to further sort them by price or brand name.



Select the ★ button to the right of the list to register key locations as a Favorite Station so that you can go there again with the “Favorite Stations” menu. Select the list to move to navigation destination select screen to receive guidance.



My Fuel Type Settings

With the “Filters” menu, you can select fuel types and favorite brands. When searching for Nearby Stations, the results will reflect selected fuel types and brand information.

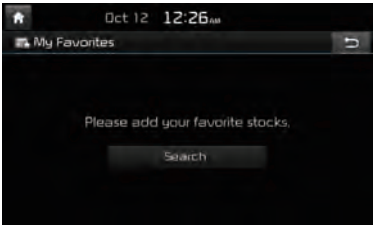
SiriusXM™ Stock Information

In the “SiriusXM Data” screen, press the “Stocks” icon to enter the Stocks mode.

Stocks is a feature that shows the current value and change of stocks. For symbols which you are interested in, press the icon to save the symbol as a part of Saved symbols can be viewed from the My Favorites button on the Stock Main screen.

My Favorites

My Favorites shows a list of stocks added by the user. When entering the Stocks menu for the first time, a screen is displayed for you to add your favorite stock information. Press the “Add” button to move to the stock search screen.



SiriusXM™ Sports Information

Press the “Sports” icon to enter the Sports mode.

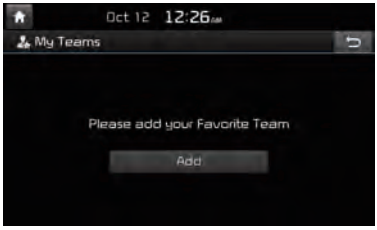
This service provides real-time updated information on scores and schedules for major sports, such as NFL, NBA, NCAA football, NCAA basketball, NHL, MLB, NASCAR and more.

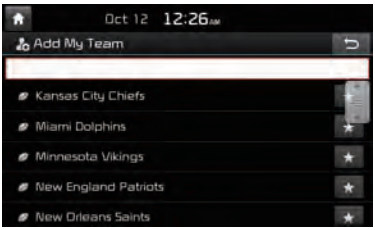
My Teams

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

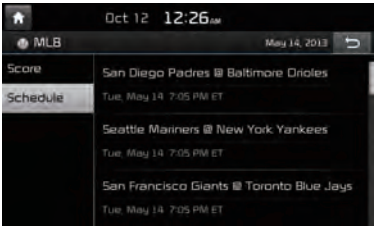
Select the My Teams menu and then press the Add button to search for and register your favorite teams.

Search for your favorite teams and press the ★ button on the right to add it to the “My Teams” list.





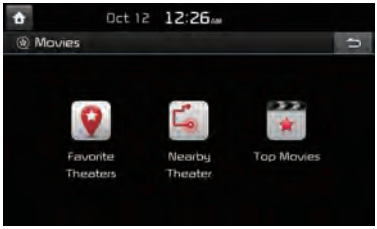
Press the team name to check daily results and recent schedules for that team.



SiriusXM™ Movie Information

Press the “Movies” icon to enter the Movie mode.

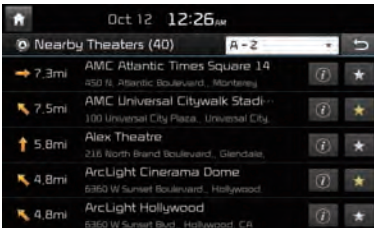
You can check recent movies and nearby theaters, and also register your favorite theater locations.



Search for Nearby Theaters, and Register Any Key Locations as Favorite Theaters.

In the “Nearby Theaters” menu, you can search for any nearby theaters.

It shows theaters, starting from the nearest one, and selecting the “Nearest” menu at the top right side will sort them by name.



Select the ★ button to the right of the list to register your favorite theater so that you can always check it again using the “Favorite Theaters” menu and selecting the ⓘ button to view the current movie information for that theater.

Select from the list to move to the select navigation destination screen and receive directions.

In the “Top Movies” menu, you can check for any movies that are currently popular. Press ⓘ button to the right of a movie title to view the plot summary and any other detailed information.

Wi-Fi

You can share a digital-device network with the vehicle device through Wi-Fi.

Wi-Fi Settings Screen

Features	Description
Wi-Fi	Turn on/off Wi-Fi.
MAC Address	Displays the MAC address.
Refresh	Searches available networks near the vehicle.
Network Name	Displays available network AP (Access Point) names.
Add Wi-Fi Network	Enter the network ID/ password to connect to a hidden network AP (Access Point).

How to Connect to a Network

1. In the Wi-Fi settings of a digital device, activate Internet sharing (hot spot).
2. In the vehicle network list, select the desired device to connect to. Enter the password to connect, if any.

2. Appendix

Wi-Fi Details

Frequency	2412 ~2462MHz
Specification	802.11b/g/n
Number of Channels	11 channels
Operating Temperature	-20 ~ +70℃ (-4 ~ +158℉)