

CAR NAVIGATION SYSTEM OWNER'S MANUAL

Support – Hotline

Web Site: <http://www.navigation.com/kia>

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Telephone number for all other countries (or if Toll Free numbers are not supported): +31 555 384 245

P/N: MFL68926370

NIRO



The Power to Surprise

Thank you for purchasing this Car Navigation system.

This owner's manual explains how to use the Kia Vehicle's Navigation system.
Before using the product, read the contents of this owner's manual carefully and use this product safely.

- The screens shown in this manual may differ from 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 owner's manual so that the next driver can continue its use.



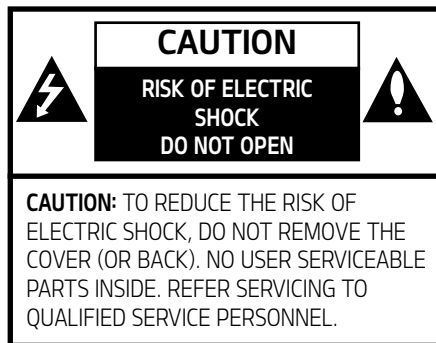
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Precautions for safety

Safety Notes



The lightning flash with the arrowhead symbol within an equilateral triangle is intended to alert the user about the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



Always operate the vehicle in a safe manner. Do not be distracted by the vehicle while driving and always be fully aware of all driving conditions. Do not change settings or any functions.

Pull over in a safe and legal manner before attempting such operations.

To promote safety, certain functions are disabled unless the parking brake is on.



To reduce the risk of electric shock, do not remove the cover or back of this product. There are no user-serviceable parts inside. Refer servicing to qualified service personnel.



To reduce the risk of fire or electric shock, do not expose this product to dripping or splashing water, rain, or moisture.



When driving your vehicle, be sure to keep the volume of the unit low enough to allow you to hear sounds coming from the outside.



Do not drop it and avoid heavy impacts at anytime.



The driver should not watch the monitor while driving. If the driver watches the monitor while driving, it may lead to carelessness and cause an accident.

Precautions for safety

WARNING:

- Don't use a cellular phone when you are driving. You must stop at a safe place to use a cellular phone.
- The use of the navigation radio by no means relieves the driver of his/her responsibilities. The highway code must always be observed. Always observe the current traffic situation.
- The applicable traffic regulations and the prevailing traffic situation always take precedence over the instructions issued by the navigation system if they contradict one another.
- For traffic safety reasons, use the navigation system menus only before starting a journey or when the vehicle is stationary.
- In certain areas, one-way streets, turn-off, and entry prohibitions (e.g. pedestrian zones), the navigation system will give a warning. Pay particular attention to these kind of cases.

- The navigation system does not take the relative safety of the suggested routes into consideration.
Road blocks, building sites, height or weight restrictions, traffic or weather conditions or other influences which affect the route safety or travel time are not taken into consideration for the suggested routes. Use your own discretion in order to decide on the suitability of the suggested routes.
- The current legal road traffic speed limit always takes priority over the values saved on the data. It is impossible to provide an assurance that the speed values of the navigation system will always match those of the current traffic regulations in every situation.
- Do not rely exclusively on the navigation system when attempting to locate an emergency service (hospital, fire service etc.). It cannot be guaranteed that all available emergency services in your vicinity are saved in the database. Use your own discretion and abilities to secure help in such situations.

CAUTION:

- Do not keep the navigation system running with the engine stopped. Doing so may discharge the vehicle battery. When you use the navigation system, always keep the engine running.
- Do not disassemble or modify this system. If you do, it may result in accidents, fire, or electrical shock.
- Some states/provinces may have laws limiting the use of video screens while driving. Use the system only where it is legal to do so.

Precautions for safety

Imprint:

The navigation system is provided by

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E-Mail: info@kia-europe.com
Register Court: Frankfurt am Main
Register number: HRB 53714

Represented by: Ho-Sung Song (CEO), Michael
Cole (COO), Seung Jong Hong (CFO)
VAT ID: DE 222 535 439.

The navigation system allows you to receive
additional information on traffic situation,
speed cameras, points of interest (POI) and
the weather via online navigation services of
provided by

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Tel.: +31 (0) 207575000
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E-Mail: tomtom.pr@tomtom.com
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Represented by: TomTom N.V. (Director), NL-
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by Harold Goddijn (CEO)
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(hereinafter: TomTom LIVE Services) when
you connect the navigation system with the
internet via a web-enabled mobile device (e.g.
smartphone or tablet). TomTom International
B.V. is responsible for the data processing
within the scope of the TomTom LIVE Services
subject to the relevant terms and conditions
of TomTom. You can find further details under
https://www.tomtom.com/en_gb/privacy/.

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General information

About USB

- Heed caution to static electricity when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognised when connected as an external device.
- When connecting an external USB device, the device may not properly recognise the USB is in some states.
- USB devices formatted as FAT 16/32, exFAT or NTFS are supported.
 - Read: FAT 16/32, exFAT, NTFS
 - Write: FAT 16/32 (it may be limited on using POI export function.)
- Some USB devices may not be supported due to compatibility issues.
- Avoid contact between the USB connector with bodily parts/foreign objects.
- Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.
- The amount of time required to recognise the external USB device may differ depending on the type, size, or file formats stored on the USB. Such differences in required time are not indications of malfunction.
- The device may not recognise the USB device if separately purchased USB hubs and extension cables are being used. Connect the USB directly with the multimedia terminal of the vehicle.
- When application programmes are installed to specific USB, files may not properly play.
- The device may not operate normally if MP3 Players, cellular phones, digital cameras, or other electronic devices (USB devices not recognised as portable disk drives) are connected with the device.
- Charging through the USB may not work for some mobile devices.
- The device may not support normal operation when using a USB memory type besides Metal Cover Type USB Memory.
- The device may not support normal operation when using formats such as HDD Type, CF, or SD Memory.
- The device will not support files locked by DRM (Digital Rights Management).
- USB memory sticks used by connecting an Adaptor (SD Type or CF Type) may not be properly recognised.

General information

Music file Information

- Sampling frequency:
 - 32, 44.1, 48 kHz (MP3, WMA, OGG)
 - 1 Hz - 655 kHz (FLAC)
- Bit rate: 32 - 320 kbps (MP3, WMA, OGG)
- Version: Any version
- Playable file format: ".mp3"/ ".wma"/ ".ogg"/ ".flac"

Image file Information

- Playable file format: ".bmp", ".jpg", ".gif", ".png" (Max size 10MB, Max resolution 7360 X 4912)
- It may not properly work depending on the storage type.

Using iPod Devices

Precautions upon using iPod

iPod® is a registered trademark of Apple Inc.

- Some iPods with unsupported communication protocols may not properly operate with the system.
- If the iPod malfunctions due to an iPod device defect, reset the iPod and try again. (To learn more, refer to your iPod manual.)

- During ACC ON state, connecting the iPod through the iPod cable (The cable that is supplied when purchasing iPod/iPhone product.) will charge the iPod through the system. (However, iPad is not charged.)
- The use of genuine iPod cables supplied by Apple is recommended. (The use of other products may result in noise or abnormal operation.)
- Within iPhones, streaming audio and iPod control may occasionally conflict. If problems persist, remove the iPhone and connect again.
- Use iPod with complete synchronisation to iTunes. Unauthorised song addition may cause abnormal operation.
- If iPod and Bluetooth are connected simultaneously with the same iPhone, you cannot use Bluetooth audio function.
- If iPod touch or iPhone is used, iOS5.0 or a later version is recommended.

Supported iPod devices

iPhone6, iPhone6 Plus, iPhone6s, iPhone6s Plus
iPhone5C, iPhone5S, iPhone5
iPhone4S, iPhone4
iPhone3GS, iPhone3G, iPhone
iPod Touch (1st through~ 5th generation)
iPod Nano (1st through~ 7th generation)

iPod Classic (1st through~ 6th generation)
iPad WiFi (1st through~ 4th generation)
iPad Air WiFi (1st ~2nd generation)
iPad Mini (1st ~2nd generation)

Cautions upon using SD Cards

Ejecting and Inserting SD Cards

- Ejecting and inserting SD cards while the system is operating may result in SD Card or System errors. To eject or insert the SD card, first turn off the system and the vehicle should be off status.
- Eject/insert SD cards only to update the map with a new version.
- When a SD Card with the new version is installed, then the system will reboot automatically.

Usage of SD Cards

- The SD Card is formatted to include only Map and new Navi S/W.
- The SD Card cannot be used to save and play Music.
- Do not add, delete, or format files within the SD Card.

Name of each component

Head unit



1. MEDIA button

If the playable media source is one, it moves to the corresponding screen. If the playable media sources are more than two, it moves to the [Media] screen you can select a media source. ([USB Music]/ [USB Image]/ [iPod]/ [AUX]/ [Bluetooth Audio]/ [Android Auto])

2. RADIO button

Converts to the last played radio mode (DAB(option)/FM, AM).

3. • button

- Power on
Press this button in system OFF status.
- Power off
Press and hold this button in power ON status.

• Volume control knob ()

Turn counterclockwise or clockwise to control volume.

• AV on/off

Press this button to turn AV on or off in power on status.

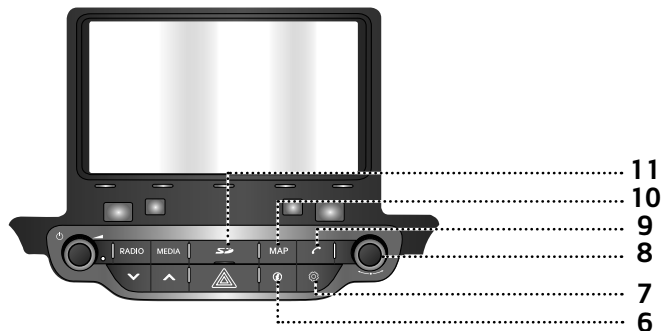
4. Reset hole

Press with thin object to reset the unit when it does not operate normally.

5. button

- When it is pressed shortly (less than 0.8 sec.)
 - AM mode: plays previous/next available frequency.
 - DAB(option)/FM mode: plays previous/next available station existing within [List] menu. (If there is no or one station in [List] menu, the "Auto tuning" function is executed.)
 - MEDIA mode: plays previous/next file.
- When it is pressed and held (0.8 sec. or longer)
 - AM mode: plays previous/next available frequency.
 - DAB(option)/FM mode: plays previous/next available station existing within [List] menu.
 - MEDIA mode: rewinds or fast forwards the file.

Name of each component



6. **i button**

Press to check the information about [Traffic], [Live POI] and [Weather].

7. **⚙ button**

Press to go to the [Settings] menu.

8. **↔ button**

- AM mode: turn left/right to tune manually.
- DAB(option)/FM mode: turn left/right to search for a desired station and then press it.
- MEDIA mode (except for bluetooth, AUX and Android Auto): turn left/right to search for the desired file and press it.
- Navigation mode: turn left/right to change the map scale on the map screen.

9. **📶 button**

Press to operate Bluetooth Hands-Free function.

10. **MAP button**

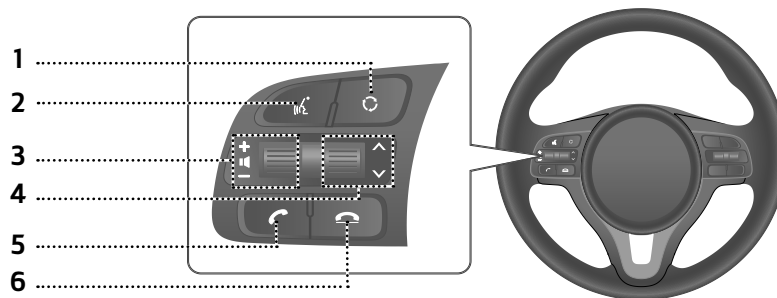
- Press to display the map screen of the current location.
- Press to repeat the voice guidance on the map screen.

11. **Cover for protecting SD card (SD card insert slot)**

Insert the SD card into the slot.

Name of each component

Steering wheel remote control



1. button

- Each time this button is pressed, the Radio or Media mode is changed.
- If the media is not connected, it is changed in the order DAB(option)/FM → AM → DAB(option)/FM.

2. button

Press to switch to voice recognition mode when the phone supporting Android Auto function is connected.
To cancel it, press the button again.

3. **Volume (+ / -) button**

Increases or decreases the volume level.

4. / button

- When it is pressed shortly (less than 0.8 sec.)
 - Radio (DAB(option)/FM, AM) mode: plays previous/next favourites.
 - MEDIA mode: plays previous/next file.
- When it is pressed and held (0.8 sec. or longer)
 - AM mode: plays previous/next available frequency.
 - DAB(option)/FM mode: plays previous/next stations.
 - MEDIA mode: rewinds or fast forwards the file.

5. button

Press to operate Bluetooth Hands-Free function.

- Press to accept a call.
- Press to make a call from last calls.
- Press and hold for redialing.

6. button

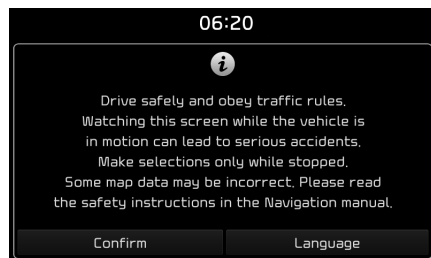
- Press to end the phone call during a call.
- Press to reject the call in the incoming call screen.

Basic operation

Starting the system for the first time

1. Press the engine start button or set the ignition key to On or ACC.

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



2. Press [Confirm].
If you want to change the system language, press [Language]. For more details, refer to "Language" on page 78.

Notes

- You cannot operate the system while it is booting up. It may take some time for all of features to be ready.
- The safety warning page is displayed every time the ignition is turned on. The displayed

warnings are related to safety, please closely read and comply with the safety warnings.

- If there is no operation for 10 seconds in the safety warning screen the system automatically switches to the last played mode.

Turning the system on

Press "⏻" on the head unit in system OFF status.

Note

Pay attention to the volume setting when turning the system on. A sudden output of extreme volume upon turning the system on could lead to hearing impairment. Adjust the volume to a suitable levels before turning off the system or set the startup volume in sound [Settings] menu.

Turning the system off

Press and hold "⏻" on the head unit in system ON status.

AV Off

Press "⏻" on the head unit to turn AV off in power on status.

AV On

Press "⏻" on the head unit to turn AV on in AV off status.

Adjusting the volume

Turn the volume control knob (▲) on the head unit to the left/right.

Mode	Description
Radio or media	During the radio or media playback, turn it to the left/right.
Bluetooth call	During the bluetooth call, turn it to the left/right.
Bluetooth bell	During incoming call, turn it to the left/right.

Note

When you turn the system off, the current volume level is automatically memorised. Whenever you turn the system on, it operates at the memorised volume level if you do not set the startup volume in sound [Settings] menu.

Basic operation

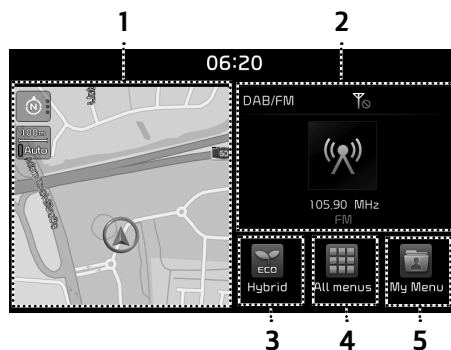
Resetting the system

This feature is used to reset the system in the occurrence of an unforeseen error or problem. Press "RESET" button. (The use of a clip or pin is recommended when resetting the system.)



[Home] screen

Configuration for Home screen



1. Navigation widget

- Provides a brief view of the navigation map and the route screen.
- Press the area on the widget to move to the navigation screen.

2. AV widget

- Shows brief information on the radio or media currently playing.
- Press the area to move to the mode for what you are listening to.

3. Hybrid

Press [Hybrid] to move to the hybrid menu.

4. All menus

Press [All menus] to move to all of the items of the system menu.

- [Hybrid]: Moves to the hybrid menu.
- [Radio]: Converts to the last played radio mode.
- [Media]: Converts to the last played media mode.
- [Image]: Converts to the last played image mode.

- [AUX]: Runs the AUX mode.
- [Current position]: Displays the map screen of the current position.
- [Navigation]: Moves to the navigation menu.
- [Phone]: Operates Bluetooth Hands-Free function.
- [Android Auto]: Runs [Android Auto] function.
- [Quick guide]: Moves to the quick guide menu. ([Using the touch Screen], [Home], [Bluetooth], [Navigation], [Connectivity])
- [Climate]: Moves to the [Climate] menu.
- [Information]: Moves to the [Information] menu.
- [Settings]: Moves to the [Settings] menu.
- [My Menu]: Moves to the [My Menu] screen.

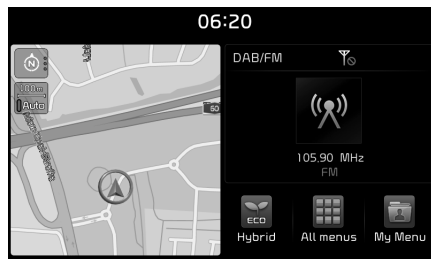
5. My Menu

- You can add and save up eight menu items.
- You can add your favorite menu items to have quick and easy access.

Basic operation

Basic operation for [Home] screen

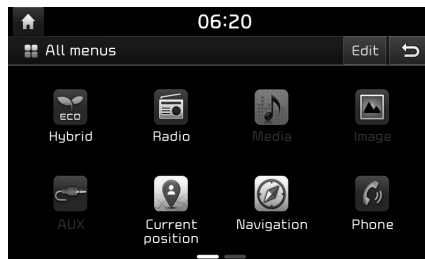
1. Press [Home] on the screen.



2. Select a desired item and it moves to the corresponding screen.

Editing the [All menus] screen

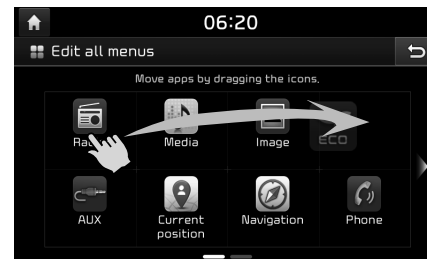
1. Press [All menus] on the [Home] screen.



2. Press [Edit] on the [All menus] screen.



3. Select the desired menu item from the list, then drag and drop it to a desired place.



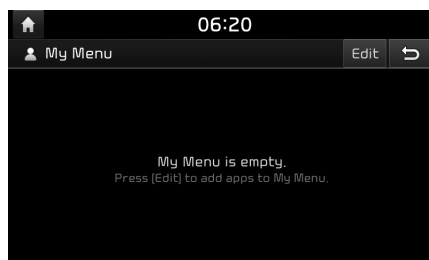
Note

Press [Back] to move to the previous screen.

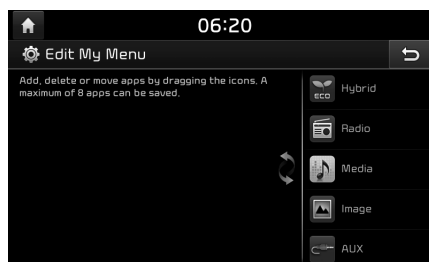
Basic operation

Adding or deleting your favourite menu items to [My Menu]

1. Press [My Menu] on the [Home] screen.



2. Press [Edit] on the [My Menu] screen.



3. Select menu items from the list on the right, then drag and drop them to a place on the left.



- Up to 8 menu items can be added to [My Menu].
- If you select the menu item added to [My Menu], it moves to the corresponding screen.

4. If you drag a menu item on the left and drop to the right, it will be deleted from [My Menu].



Note

Press [↩] to move to the previous screen.

Radio operation

Listening to AM radio

1. Press "RADIO" on the head unit.
2. Press [AM] on the screen.

The AM screen of the most recent listened station is displayed.



Note

Each time the "RADIO" button on the head unit is pressed, the mode is changed in the order AM → DAB(option)/FM → AM.

3. Auto tuning:

Press [V/Λ] on the head unit.

– Plays previous/next available station.

Manual tuning:

Turn "↺•↻" (counter)clockwise.

– The frequency moves up and down accordingly.

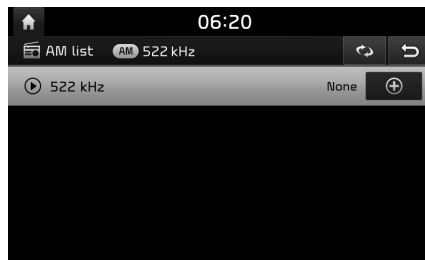
Favourites tuning:

Press [Favourites]. Press the favourites numbers of the desired broadcast station.

Opening the station list sorted in numerical order

You can see station list with superior reception.

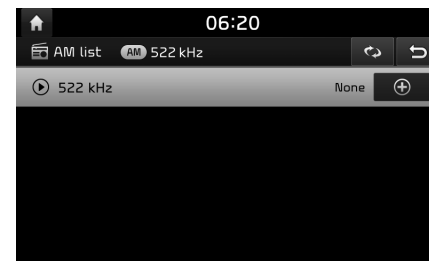
1. Press [AM] on the screen.
2. Press [List].



Auto search

This function lets you automatically search the broadcast stations with superior reception.

1. Select the AM band.
2. Press [List].



3. Press [↺↻].

Note

If you want to save the stations to [Favourites] menu, press [⊕] and then press the desired favourites number.

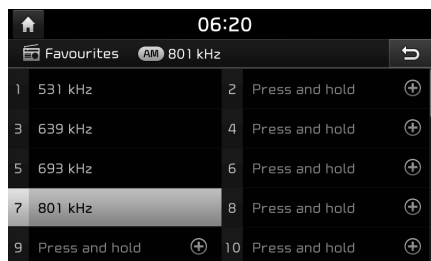
Radio operation

Saving AM favourites

It manually saves the listening frequency to desired favourites list.

1. Select the AM band.
2. Select the frequency to save.
3. Press [Favourites].
4. Press the desired favourites number.

If you want to overwrite an existing favourites, press and hold the respective favourites number.



Listening to DAB(option)/FM

1. Press "RADIO" on the head unit.
2. Press [DAB/FM] or [FM] on the screen.
The DAB(option)/FM screen of the most recent listened station is displayed.



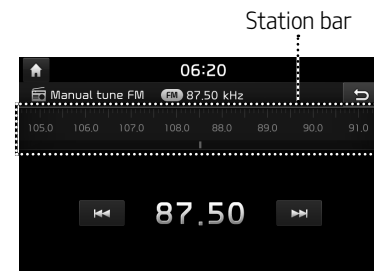
Note

Each time the "RADIO" button on the head unit is pressed, the mode is changed in the order DAB(option)/FM → AM → DAB(option)/FM.

3. **Auto tuning (When there are no or one station in [List] menu):**
 - Press [V/Λ] on the head unit.
 - Plays previous/next available station.
- List tuning (When there are two or more stations in [List] menu):**
 - Press [V/Λ] on the head unit.
 - Plays previous/next available station existing within [List] menu.

Manual tuning:

- On the FM mode, press [Menu] > [Manual tune FM].



- Drag the station bar to the left/right to find the radio station that you want.
- Press [◀▶].
- Turn "↶↷" to the left/right and then press it when the desired station is displayed in a highlighted colour.

Favourites:

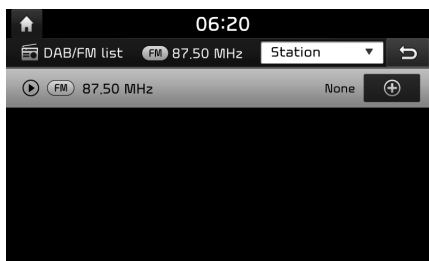
- Press [Favourites]. Press the favourites numbers of the desired broadcast station.
- Press [V/Λ] on the steering wheel remote control.

Radio operation

Opening the station list

You can see station list with superior reception.

1. Press [DAB/FM] or [FM] on the screen.
2. Press [List].



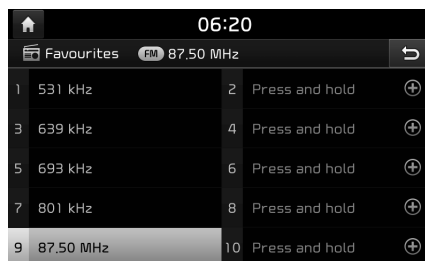
- If you want to save the stations to [Favourites] menu, press [⊕] and then press the desired favourites number.
- Press [Station] or [Programme type] to arrange the list in station or programme type order.

Saving DAB(option)/FM favourites

It saves the listening station to desired favourites list.

1. Press [DAB/FM] or [FM] on the screen.
2. Select the desired station.
3. Press [Favourites].
4. Press the desired favourites number.

If you want to overwrite an existing favourites, press and hold the respective favourites number.



Programme guide - DAB only

You can view the programme information and the broadcasting station schedule provided by DAB.

1. Press [DAB/FM] on the screen.
2. Press [Menu] > [Programme guide].



- 1 Broadcast station name: Displays the broadcast station name.
- 2 [↶]: Moves to the previous screen.
- 3 Programme name: Displays the programme title.
- 4 Programme time: Displays the programme time and duration.

Radio operation

SLS (Slide Show) - DAB only

You can view the slide show image information when image information is available from the broadcasting station on the DAB mode.

1. Press [DAB/FM] on the screen.



2. Press [i].

Note

The [i] icon may not be displayed if there is no information being transmitted by the broadcasting station.

Scan

This function scans all stations and plays only stations with good signal strength for 5 seconds each.

Press [▶ Scan].

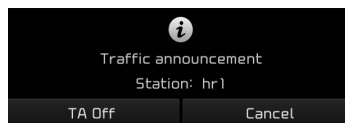
Press [■ Stop] to stop the scan function.

TA

TA function allows the system to switch to traffic announcement (TA) from the current source.

Traffic programmes and announcements can be automatically received by using TA features.

1. Activate the TA feature by pressing [TA].
2. If TA is received from the broadcasting station, a popup message will appear and TA broadcasting is received.



- Press [TA Off] to turn the TA broadcasting off.
- Press [Cancel] to close the TA popup message.

Sound settings

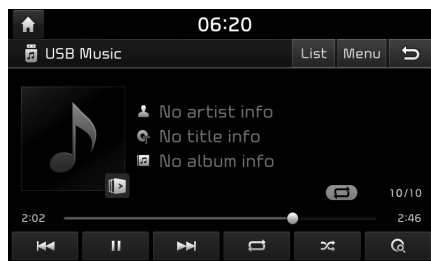
1. Press [Menu] > [Sound settings].
2. For details refer to page 75 ("Sound").

USB Operation

Playing USB music

You can play music files stored in a USB memory device.

Connect a USB device to the USB port and playback starts automatically.



Note

To play USB music while a different source is playing, press [MEDIA] > [USB music].

Pause

You can pause the playing file.

Press [II] during playback.

Press [▶] to play it again.

Skip

You can play the previous or next file.

Position	Description
Screen	<ul style="list-style-type: none">• Press [◀◀/▶▶].• Pressing [◀◀] after 3 seconds of playback time plays the current file from the beginning.
Head unit	<ul style="list-style-type: none">• Press "V/Λ".• Pressing [V] after 3 seconds of playback time plays the current file from the beginning.

Search

You can fast rewind/forward to a specific point of a file.

Position	Description
Screen	Press and hold [◀◀/▶▶] and then release at the point you want.
Head unit	Press and hold "V/Λ" and then release at the point you want.

Seek

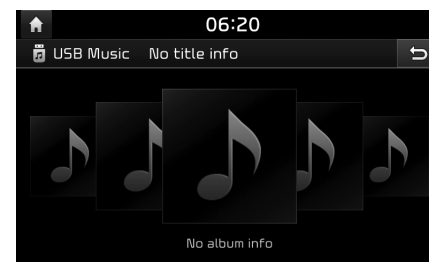
You can play the file directly by searching for the desired file.

1. Turn "↩" to search for a desired file.
2. If the desired file is displayed, press the "↩" to play the file.

Coverflow

You can play the desired album by searching for the coverflow in USB.

1. Press [Menu] > [Coverflow].



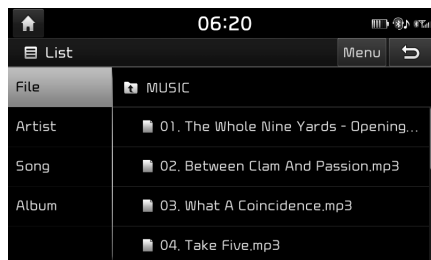
2. Press the desired album and it moves to album list. Select the desired file from the list to play.

USB Operation

List

You can play the desired file by searching in the file list of the USB Menu.

1. Press [List].



2. Press the desired file after searching for a category.

The category can be sorted by [File], [Artist], [Song], or [Album].

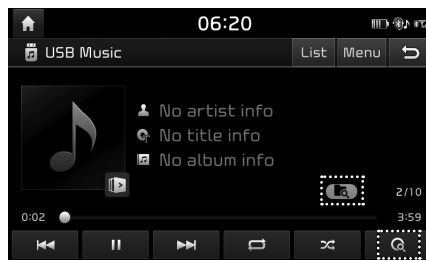
Note

Press [Up] to move to upper folder.

Scan

This function plays the first 10 seconds of each song in the media directory as a preview.

1. Press [Scan].



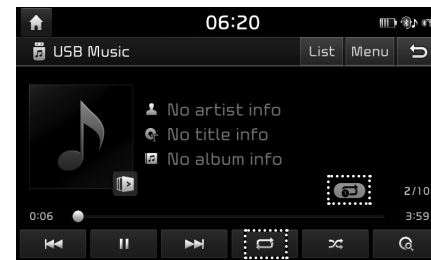
2. Select the desired mode by pressing [Scan] repeatedly.

- [Scan]: Plays the first 10 seconds of each song.
- [Scan]: Plays the first 10 seconds of each song within the current folder.
- [Scan]: Plays all files sequentially.
- [Scan]: Plays the first 10 seconds of each song within the [Artist], [Song], or [Album].

Repeat

This function provides the possibility to play a set of files repeatedly.

1. Press [Repeat].



2. Select the desired mode by pressing [Repeat] repeatedly.

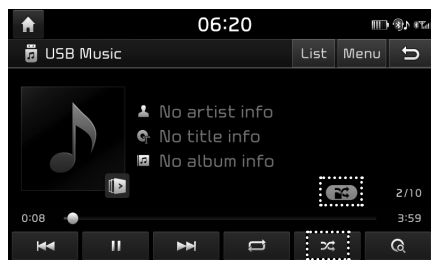
- [Repeat]: Plays all files sequentially.
- [Repeat]: Repeats all files within the current folder.
- [Repeat]: Repeats the current file, only.
- [Repeat]: Plays the files sequentially within the [Artist], [Song], or [Album].

USB Operation

Shuffle

Playing files in random order.

1. Press [X].



2. Select the desired mode by pressing [X] repeatedly.
 - [X]: Plays all files randomly.
 - [X]: Plays all files within current folder randomly.
 - [X]: Plays all files sequentially.
 - [X]: Plays the files sequentially within the [Artist], [Song], or [Album].
 - [X]: Plays all files randomly within the [Artist], [Song], or [Album].

Sound settings

1. Press [Menu] > [Sound settings].
2. For details refer to page 75 ("Sound").

Viewing USB image

You can view image files saved in a USB memory device.

1. Connect a USB device to the USB port.
2. Press [MEDIA] > [USB Image].

Note

If you want to remove the USB, remove the USB after selecting any other function.

Switching to menu screen or full screen

Press the screen repeatedly.

(If there is no operation for 10 seconds on menu screen mode, it switches to full screen mode.)

Skip

You can view the previous or next image by sliding to the left/right.

(If there is a unsupported image file, the image is changed automatically every 5 seconds until the normal image is displayed.)

Zoom in/out

You can enlarge or reduce the image.

Press [+/-] in menu screen or double-tap the screen quickly.

Rotating image

You can rotate the image in a clockwise direction.

Press [Rotate] in menu screen repeatedly.

List

You can search for a desired image using the images list.

Viewing the desired image by searching in the images list

1. Press [List].



2. Press the desired image.

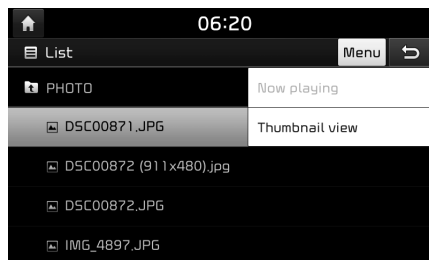
Note

Press [Up] to move to upper folder.

USB Operation

Using the list menu

1. Press [Menu] in list screen.

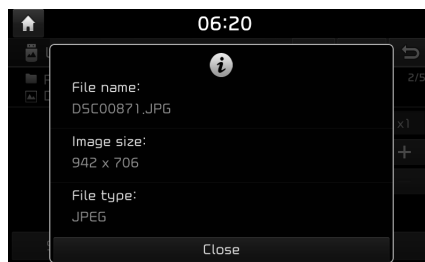


2. Select the desired item.
 - [Now playing]: Moves to the file list screen currently playing.
 - [Thumbnail view]: Previews the list images.
 - [List view]: Moves to the list screen.

Info

This menu shows the file name, image size and file type of the current image.

Press [Info].



Display settings

1. Press [Menu] > [Display settings].
2. For details refer to page 76 ("Display").

Slideshow

You can set the slideshow interval. The slideshow is played according to the time interval.

1. Press [Slideshow].



2. Select the slideshow interval.
The slideshow is played.

Notes

- Press the screen once to stop the slideshow.
- Slideshow is not available while driving.
(Because of traffic regulations, image is only available when your vehicle is parked.)

iPod Operation

Playing iPod

1. Use iPod exclusive cable to connect iPod to USB connector.
2. Press [MEDIA].
To play iPod while a different source is playing, press [MEDIA] > [iPod].

Pause

You can pause the playing file. For details refer to page 22 ("Pause").

Skip

You can play the previous or next file. For details refer to page 22 ("Skip").

Search

You can fast rewind/forward to a specific point of a file. For details refer to page 22 ("Search").

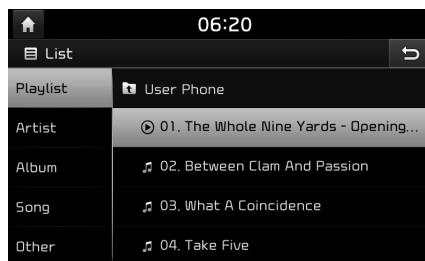
Seek

You can play the file directly by searching for the desired file. For details refer to page 22 ("Seek").

List

You can play the desired file by searching in the files list in the iPod Menu.

1. Press [List].

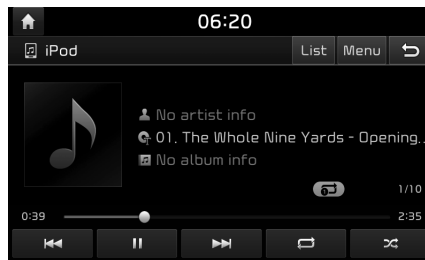


2. Press the desired file after searching for [Playlist], [Artist], [Album], [Song], or [Other].

Repeat

This function provides the possibility to play a set of files repeatedly.

1. Press [].

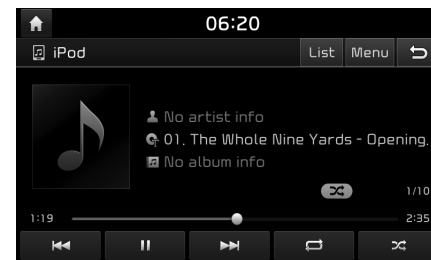


2. Select the desired mode by pressing [] repeatedly.
 - []: Plays all files sequentially.
 - []: Repeats the current file, only.

Shuffle

Playing files in random order:

1. Press [].



2. Select the desired mode by pressing [] repeatedly.
 - []: Plays all files randomly.
 - []: Plays all files sequentially.

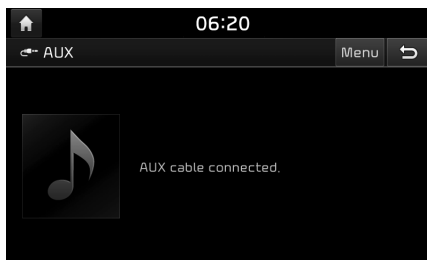
Sound settings

1. Press [Menu] > [Sound settings].
2. For details refer to page 75 ("Sound").

Auxiliary device operation

Playing an AUX source

1. Connect an auxiliary device to the AUX terminal.



2. Play the auxiliary device.

Notes

To play auxiliary device while a different source is playing, press [MEDIA] > [AUX].

Sound settings

1. Press [Menu] > [Sound settings].
2. For details refer to page 75 ("Sound").

Bluetooth audio

Playing Bluetooth audio

- Music stored in the mobile phone can be played in the car through Bluetooth audio streaming.
- Bluetooth audio can be played only when a Bluetooth phone or Bluetooth audio device has been connected. To play Bluetooth audio, connect the Bluetooth phone to the car system. For more information on connecting Bluetooth, please refer to the owner's manual [Pairing and connecting the unit and a Bluetooth phone] on page 54.
- If Bluetooth is disconnected while playing Bluetooth audio, the audio stream will be interrupted.
- The audio streaming function may not be supported in some mobile phones. Only one function can be used at a time, You can not use the Bluetooth handsfree and the Bluetooth audio function at the same time. For example, if you convert to the Bluetooth handsfree while playing Bluetooth audio, the music stream is paused.
- Playing music from the car is not possible when there are no music files saved in the mobile phone.

Starting the Bluetooth audio

1. Connect your Bluetooth device to the head unit.
2. Press [MEDIA].
The Bluetooth audio screen is displayed.



Note

To play bluetooth audio while a different source is playing, press [MEDIA] > [Bluetooth Audio].

Pause

Press [▶/||] during playback.
Press [▶/||] to play it again.

Note

This feature may not be supported in some Bluetooth devices.

Skip

You can play the previous or next file.
For details refer to page 22 ("Skip").

Note

This feature may not be supported in some Bluetooth devices.

Connection settings

1. Press [Menu] > [Connection settings].
2. For details refer to page 76 ("Bluetooth connections").

Sound settings

1. Press [Menu] > [Sound settings].
2. For details refer to page 75 ("Sound").

Getting started with navigation

Precautions for safe driving

Please observe and comply with local traffic rules and regulations.

- The route displayed for destination guidance is a reference and the route guidance will take you to the vicinity of your destination. The highlighted route is not always the shortest distance, the least congested, and in some cases might, not be the fastest route.
- Road, name, POI and speed limit may not always been completely updated.
- The car position mark does not indicate your exact location. This system uses GNSS information, various sensors, and road map data to display the current position. However, errors in displaying your location may occur if the satellite is transmitting inaccurate signals or two or less satellite signals can be received. Errors that occur in such conditions cannot be corrected.

- The position of the vehicle within the navigation may differ from your actual location depending on various reasons, including the satellite transmission state, vehicle state (driving location and conditions), etc. Additionally, the car position mark may differ from the actual position if the map data is different from the actual road landscape, such as changes due to the construction of new roads. If such differences occur, driving for a short period of time will automatically correct the position of the vehicle through map matching or GNSS information.
- If SLIF (Speed Limit Information Function) is supported, the speed limit value may differ between cluster and navigation due to different speed unit settings (mp/h and kp/h).

What is GNSS?

The GNSS(Global Navigation Satellite System) is a satellite-based navigation system made up of a network of 32 satellites placed into orbit by the Global Positioning System (GPS) of U.S.A, GLONASS of RUSSIA, etc.

GNSS works in any weather conditions, anywhere in the world, 24 hours a day.

There are no subscription fees or setup charges to use GNSS.

About satellite signals

Your unit must acquire satellite signals to operate. If you are indoors, near tall buildings or trees, or in a parking garage, the unit cannot acquire satellite signals.

Acquiring satellite signals

Before the unit can determine your current position and navigate a route, you must do the following steps:

1. Go outside to an area free from tall obstructions.
2. Turn on the unit.

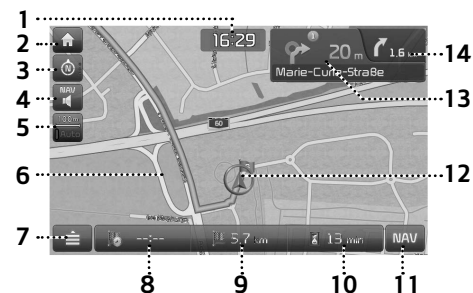
Acquiring satellite signals can take a few minutes.

Getting started with navigation

Operating Navigation Screen

The navigation system displays various information on the screen.

Map screen



1. Clock display

Displays current time.

2. [Home] button

Moves to home menu screen.

3. Map button

Changes the map view perspective.

Press [2D], [3D] or [2D/3D].

- [2D] (heading up (2D)): Displays always the vehicle's direction as proceeding towards the top of the screen.

- [3D] (Bird view (3D)): The map displays always the basic outline and details of the surrounding roads and general area.
- [2D/3D] (north up (2D)): The map will always point north, regardless of the direction that the vehicle is moving.

4. [NAV/VOLUME] button

Adjusts the navigation volume. For details refer to page 31 ("Navigation volume").

5. Map scale display

Displays the current map scale.

6. Route guidance lane

Displays the route guidance to the destination when a route is set.

7. [QUICK MENU] button

Moves to quick menu screen. For details refer to page 33 ("Quick menu").

8. Arriving time display

Displays the expected time of arrival. Press to check the destination information.

9. Remaining distance display

Displays the remaining distance to the destination. Press to check the destination information.

10. Remaining time display

Displays the remaining time until the arrival at the destination. Press to check the destination information.

11. [NAV] button

Moves to the navigation menu. For details refer to page 33 ("Navigation menu").

12. Vehicle position mark

Displays current vehicle position and direction.

13. [Distance/Direction/Road] display


Displays distance, direction and road information for the upcoming intersection.

14. [Distance/Direction] display

Displays distance and direction information for the next intersection.


Getting started with navigation

Zoom In / Zoom Out



Turn “” left/right to set the zoom level on the map screen.

Map scale



This function sets the zoom level automatically according to the road class and guidance distance.

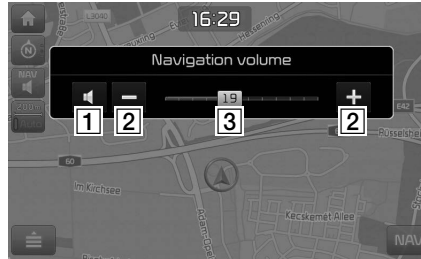
Press [] on the map screen.









Name	Description
 Scale Fix (inactive - "Gray")	Fix the displayed scale.
 Auto Scale (active - "Colour")	Change the map scale automatically depending on the road class and guidance distance.

Navigation volume

Press [] or [] to adjust the volume.



- 1   : Press the button to mute or unmute.
- 2   : Press the buttons to adjust the volume.
- 3   : Drag the volume control bar to adjust the volume.

Scrolling map

1. Perform a long press on the desired map area. The selected point will be centred on the screen and the scroll mark will be displayed. Information about the marked point and straight line distance from the current position will be displayed at the centre of the screen.



2. Follow the steps 3-4 of the “Address Search” on page 34.

Note

If a map area on the map screen is pressed, the map will continuously scroll in the corresponding direction until it is released.

Getting started with navigation

Making a call to POI

After searching for a POI, the POI phone number information can be used to make a call to the POI facility.

1. Use various search methods, such as the map scroll function, destination search function, live POI function and so on. For details refer to each search function sections.



2. Press [Phone icon] on the map screen.
3. Bluetooth phone is used to make call.

Notes

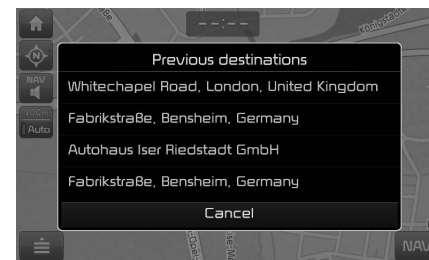
- Making a call is not possible if there is no telephone information for a POI or if there is no mobile phone connected through Bluetooth.

- For more information of mobile phone authentication through Bluetooth or detailed information on conducting search, refer to [Pairing and connecting the unit and a Bluetooth phone], page 54.

Guidance to previous destinations

When starting the navigation, the "Previous destinations" pop-up appears for about 10 seconds. The pop-up is displayed only when the navigation is started without the route planned.

Select one of the list.



Note

Press [Settings] > [Navigation] > [General] > [Show Prev. destinations on start] to set the previous points view.

Getting started with navigation

Quick menu

1. Press [☰] on the map screen.



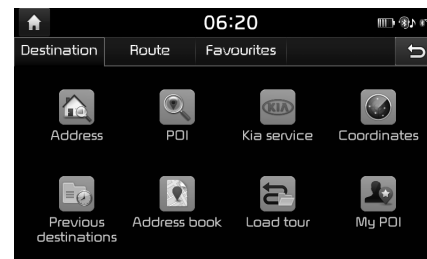
2. Press the desired option.

- [☰ / ☰]: Opens or closes the quick menu.
- [Route]: Changes the route conditions by using the [Route] menu when the route is activated. (Page 42-44)
- [Add to address book]: Adds the current position to address book. (Page 37)
- [Nearby POI]: Finds a destination by searching for POI near current position. (Page 35)
- [Traffic]: Shows the traffic information list. (Page 62)

- [Turn info]: Turns the TBT (Turn By Turn) on/off.
 - Displays distance and direction information for the upcoming TBT (Turn By Turn) when the route is activated.
 - Displays compass screen when the route is deactivated.
- [Stop guidance]/[Resume guidance]: Resumes or stops the route guidance. (Page 42)

Navigation menu

1. Press [NAV] on the map screen.



2. Press the desired option.

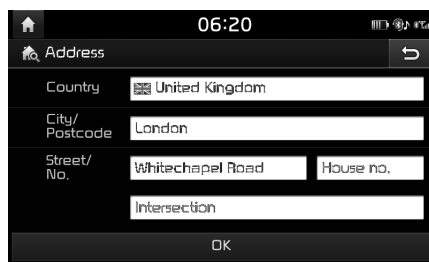
- [Destination]: Finds a destination by using the [Destination] menu. (Pages 34-41)
- [Route]: Changes the route conditions by using the [Route] menu when the route is activated. (Page 42-44)
- [Favourites]: Set or recall your favourite destinations using the [Favourites] menu. (Page 41)

Searching for destination

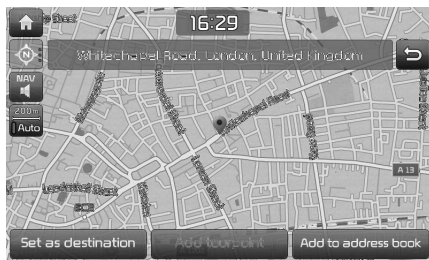
Address Search

You can find the destination by searching for an address.

1. Press [NAV] > [Address].



2. Enter the name of the Country, City/Postcode, Street/No., House number or Intersection corresponding to the desired destination.



3. Press [Set as destination].
When a route has been set, press [Change destination].
 - If you want to add a tourpoint when a route has been set, press [Add tourpoint]. For more details, refer to “Adding tourpoints” on page 42.
 - If you want to add the position to [Address book] menu, press [Add to address book]. For more details, refer to “Adding the position to address book” on page 37.
4. Press [Start guidance].

Note

The destination is saved in the [Previous destinations] menu automatically. (Page 37)

POI (Points of interest)

You can set a POI as destination using different search methods.

1. Press [NAV] > [POI].

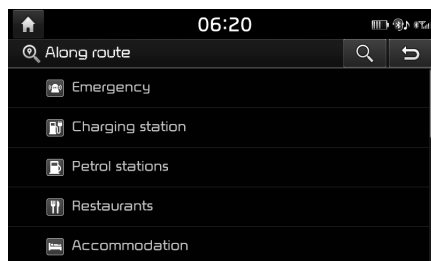


2. Tap on one of the search methods.
 - [Along route]: finds POI along route. (Page 35)
 - [Near current position]: finds POI near current vehicle position. (Page 35)
 - [Near destination]: finds POI near selected destination. (Page 35)
 - [Near scroll mark]: Search for POI's around the current cursor when the map scrolled. (Page 35)
 - [Name]: finds POI by the name of the facility. (Page 35)
 - [Near city centre]: finds POI located in a specific city. (Page 35)

Searching for destination

Searching for POI by [Along route], [Near current position], or [Near destination]

1. Press [NAV] > [POI] > [Along route], [Near current position], or [Near destination].



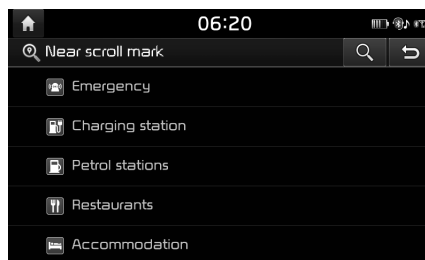
<For example: [Along route] screen>

2. Select one of the categories.
 - Press [Q] to find a category through search. Then input its name and select [OK].
3. Select one of the subcategories.
4. Press the preferred POI.
5. Follow the steps 3-4 of the "Address Search" on page 34.

Searching for POI by [Near scroll mark]

1. Perform a long press on the desired map area.

The selected point will be centred on the screen and the scroll mark will be displayed.
2. Press [NAV] > [POI] > [Near scroll mark].



3. Select one of the categories.
 - Press [Q] to find a category through search. Then input its name and select [OK].
4. Select one of the subcategories.
5. Press the preferred POI.
6. Follow the steps 3-4 of the "Address Search" on page 34.

Searching for POI by [name] or [Near city centre]

1. Press [NAV] > [POI] > [Name] or [Near city centre].
2. Select the preferred country.



<For example: [POI name] screen>

3. Input the desired name or city and press [OK].
4. Press the preferred item from the list.
5. Follow the steps 3-4 of the "Address Search" on page 34.

Searching for destination

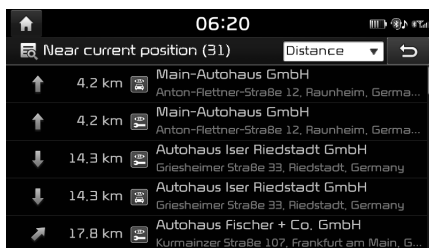
Kia service

You can set the facilities of Kia dealers as destination.

Near current position

You can obtain search results near your current position.

1. Press [NAV] > [Kia service] > [Near current position].



- Press [Distance], [Name] or [Category] to arrange the list in distance, name or category order.
2. Press the preferred item from the list.
 3. Follow the steps 3-4 of the "Address Search" on page 34.

Name

You can search for a Kia dealers by entering its name using the keypad.

1. Press [NAV] > [Kia service] > [Name].
2. Select the preferred country.



3. Enter the dealer name and press [OK].
4. Press the preferred item from the list.
5. Follow the steps 3-4 of the "Address Search" on page 34.

Note

The information for the dealers facilities may not correspond with a result of map information, since the information can be provided up to date.

Coordinates

You can find a destination by entering the coordinates of latitude and longitude.

There are two ways to search by coordinates ([D.M.S] or [Decimal]).

1. Press [NAV] > [Coordinates].



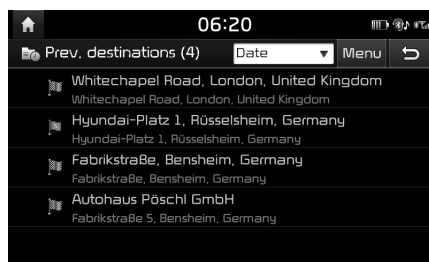
2. Press [D.M.S] or [Decimal].
3. Enter the coordinates and press [OK].
4. Follow the steps 3-4 of the "Address Search" on page 34.

Searching for destination

Previous destinations

You can select one of the locations you have previously searched for as a destination, tourpoint and startpoint.

1. Press [NAV] > [Previous destinations].



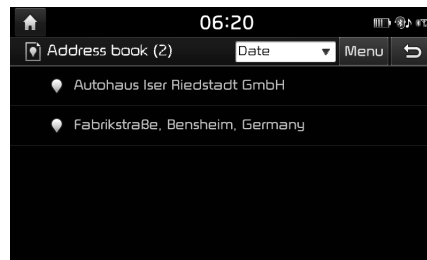
- Press [Date], [Name] or [Category] to arrange the list in date, name or category order.
 - Press [Menu] > [Delete] to delete the previous destinations. Select the desired item, then press [Delete] > [Yes].
 - [Mark all]: Marks all items.
 - [Unmark all]: Unmarks all items.
2. Press the preferred item from the list.
 3. Follow the steps 3-4 of the "Address Search" on page 34.

Address book

You can select destination from a location saved in the [Address book] menu. To utilize this function more effectively, destinations that you often travel to should be saved in advance.

First of all, store in the [Address Book] menu through destination search function.

1. Press [NAV] > [Address book].



- Press [Date], [Name] or [Category] to arrange the list in date, name or category order.
2. Press the preferred item from the list.
 3. Follow the steps 3-4 of the "Address Search" on page 34.

Adding the position to address book

You can add the current position or the selected place to address book.

1. To add the current position, press [≡] > [Add to address book] on the map screen.

To add the selected place, press [Add to address book] after searching for a destination or scrolling on map.



2. Input the desired name and press [OK].

Note

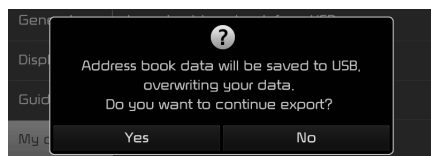
Press [NAV] > [Address book] to check the added position.

Searching for destination

Exporting address book to USB

This function is used to export the address book to USB memory device.

1. Connect a USB device to the USB port.
2. Press [⚙] > [Navigation] > [My data] > [Export address book to USB].

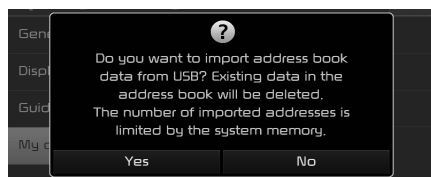


3. Press [Yes].

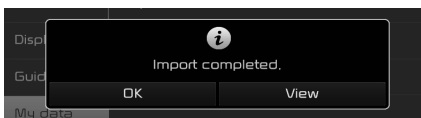
Importing address book from USB

This function is used to import the address book saved in USB memory device.

1. Connect a USB device to the USB port.
2. Press [⚙] > [Navigation] > [My data] > [Import address book from USB].



3. Press [Yes].



4. Press [OK].

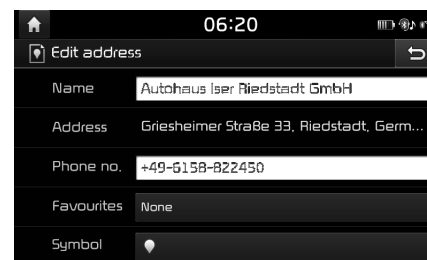
Press [View] to view the imported address book.

Notes

- The amount of data available for importing to a USB device is limited based on the number of address book items supported by the navigation system.
- If the data stored on the USB device uses different coordinates than those used by the current system, the importing location may change.
- Import function can change the favourite list as well as address book previously saved in navigation.
- Using the function after successful import is recommended.
- Import function cannot be supported according to USB format type.

Editing address book

1. Press [Menu] > [Edit] in address book list.
2. Select the item to edit.

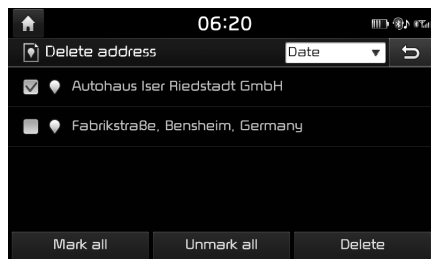


3. Edit the desired item.
 - [Name]: Change the name.
 - [Phone no.]: Enter the phone number.
 - [Favourites]: Save in the favourite item.
 - [Symbol]: Set the symbol displayed on the map screen.

Searching for destination

Deleting address book

1. Press [Menu] > [Delete] in address book list.



2. Select the desired item, then press [Delete] > [Yes].
 - [Mark all]: Marks all items.
 - [Unmark all]: Unmarks all items.

Load tour

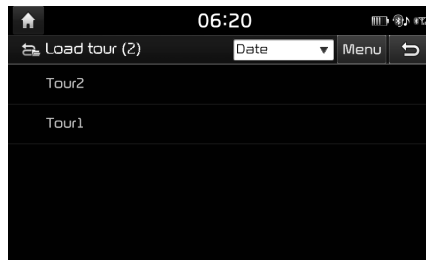
This function can be used to set a route with several tourpoints.

You can find the destination to a location saved in the [Load tour] menu. To utilize this function more effectively, destinations that you often travel to should be saved in advance.

First of all, save in the [Load tour] menu through route search function. For details, Refer to the "Saving the plan tour to the [Load tour] menu" on page 43.

Searching for tour

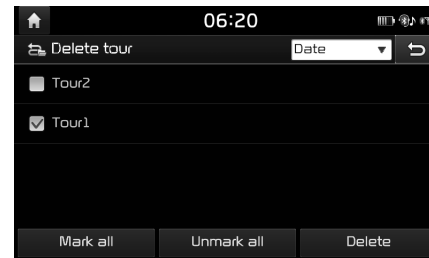
1. Press [NAV] > [Load tour].



- Press [Date] or [Name] to arrange the list in date or name order.
2. Select the desired item.
 3. Press [OK] > [Start guidance].

Deleting the tour

1. Press [Menu] > [Delete] in load tour list.



2. Select the desired item, then press [Delete] > [Yes].
 - Press [Date] or [Name] to arrange the list in date or name order.
 - [Mark all]: Marks all items.
 - [Unmark all]: Unmarks all items.

Searching for destination

My POI

This function is used to import personal POI data including the map information (position, name...) saved in USB memory device. Afterwards the data can be selected as destination through the My POI menu.

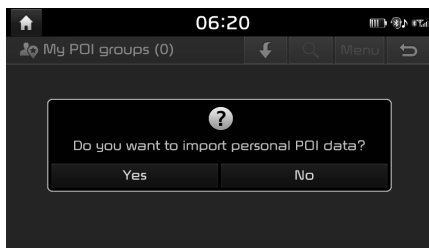
Note

Supported POI group formats

- POI group format: ".kml" / ".gpx"

Importing the POI data

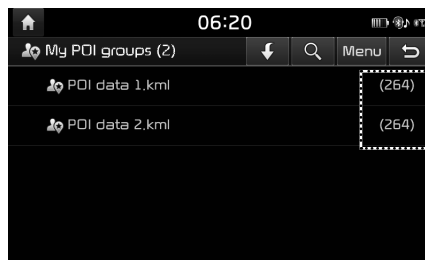
1. Store the POI file including map information (position, name...) from web map in USB memory device.
2. Connect the USB device to the USB port.
3. Press [NAV] > [My POI] > [↓].
Or press [⚙] > [Navigation] > [My data] > [Import My POI from USB].



4. Press [Yes].
The list of POI groups are displayed.



5. Select the desired POI file.
 - Press [Mark all] to select all POI groups.
 - Press [Unmark all] to unmark all POI groups.
6. Press [Import].
The POI groups is imported.

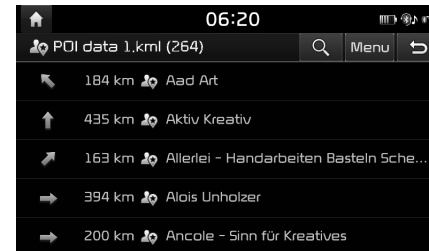


Notes

- If data stored to the USB use a different coordinate system with the current system, the importing position might be different from existing one.
- Make sure that the POI data is normally imported.

Finding a destination by My POI

1. Press [NAV] > [My POI].
The list of POI is displayed.



3. Press the preferred item from the list.
4. Follow the steps 3-4 of the "Address Search" on page 34.

Note

The destination is saved in the [Previous destinations] menu automatically. (Page 37)

Searching for destination

Deleting POI data (or group)

1. Press [NAV] > [My POI] (or press a POI file).
2. Press [Menu] > [Delete].
3. Select the desired item, then press [Delete] > [Yes].
 - [Mark all]: Marks all items.
 - [Unmark all]: Unmarks all items.

Changing POI data (or group) name

1. Press [NAV] > [My POI] (or press a POI file).
2. Press [Menu] > [Edit].
3. Press one of the POI data (or file).
4. Enter new tour name and select [OK].

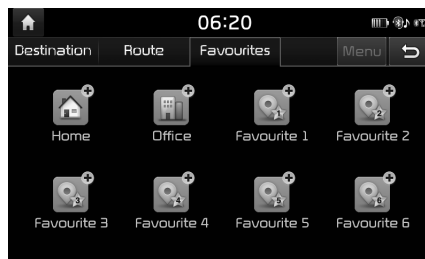
Home, Office, Favourites

If your home location, office location, and favourite locations have been already in the [Favourites] menu they can be easily retrieved by tapping on them.

First of all, store home, office or favourites in the [Favourites] menu through destination search function.

Registering Home, Office or Favourites

1. Press [NAV] > [Favourites].



2. Press [Home], [Office], or [Favourite (1~6)].
3. Select the desired position through destination search function.
4. Press [OK] when the destination search is complete.



5. Input the desired name and press [OK].
It is saved in the [Favourites] menu automatically.

Finding your Home, Office, or Favourite place

1. Press [NAV] > [Favourites] > [Home], [Office], or favourite place.
2. Follow the steps 3-4 of the "Address Search" on page 34.

Using the route menu

Stop guidance/ Resume guidance

If you want to stop the route guidance when a route is active, press [NAV] > [Route] > [Stop guidance].

If you want to travel to your destination, press [NAV] > [Route] > [Resume guidance].

Route option

You can modify various route options according to your needs.

1. Press [NAV] > [Route] > [Options].



2. Set the desired options.
 - [Route]
 - [Fast]: Calculates the optimised route based on arrival time.

- [Short]: Calculates the optimised route based on distance.
- [Traffic]
 - [On]/[Off]: Selects whether to reflect traffic event or not.
- [Motorway], [Vignette road], [Ferry], [Time restricted road], [Toll road], [Tunnel]
 - [Use]: Calculates the route including the Motorway, Vignette road, Ferry, Time restricted road, Toll road, or Tunnel.
 - [Avoid]: Calculates the route avoiding the Motorway, Vignette road, Ferry, Time restricted road, Toll road, or Tunnel.

Note

The options set by user may not be supported depending on condition.

Plan tour

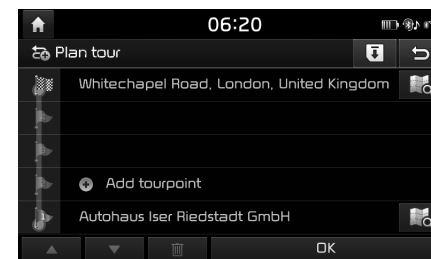
The plan tour allows you to travel through the searched routes by editing the current route. Tourpoints can be added/deleted/edited and the order can be changed.

Adding tourpoints

1. Press [NAV] > [Route] > [Plan tour].



2. Press [Add tourpoint].
3. Add the tourpoint through destination search function.



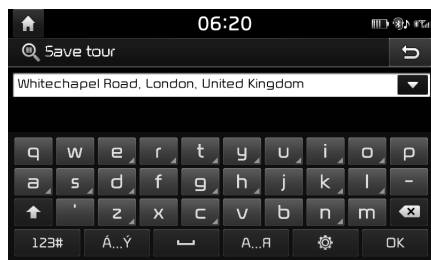
4. If you want to add a tourpoint, follow steps 2~3.
5. Press [OK] > [Start guidance].

Using the route menu

Saving the plan tour to the [Load tour] menu

If the plan tour have been already saved in the [Load tour] menu, it can be easily retrieved to set the route.

1. Press [NAV] > [Route] > [Plan tour].
2. Press [↓].



3. Input the tour name and press [OK].
It is saved in the [Load tour] menu automatically.

Reordering plan tour

1. Press [NAV] > [Route] > [Plan tour].
2. Press the desired item from the list.
3. Drag it to the desired position. Or press ▲ or ▼.
4. Press [OK] > [Start guidance].

Deleting plan tour

1. Press [NAV] > [Route] > [Plan tour].
2. Press the desired item from the list.
3. Press [🗑️].

Viewing map information

1. Press [NAV] > [Route] > [Plan tour].
2. Press the desired item from the list.
3. Press [📄].

Route scan

This allows you to check the detailed route by section.

1. Press [NAV] > [Route] > [Scan].



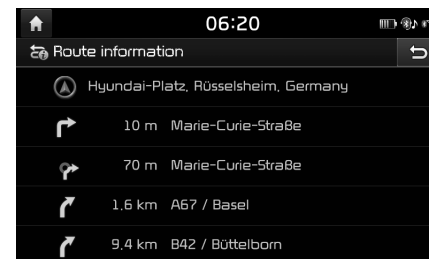
2. Press the desired items.
 - [📄]: Moves to the departure section.

- [⏮️]: Moves to the previous section.
- [⏭️]: Moves to the next section.
- [📍]: Moves to the destination section.
- [📊]: Displays the progress bar.

Route information

This allows you to view the distance to the next guide point and the turning direction at that guide point.

1. Press [NAV] > [Route] > [Information].



2. Select the desired item to check the map information.

Using the route menu

Overview

You can check the entire route between your current location and your destination.

1. Press [NAV] > [Route] > [Overview].



2. Press the desired items.
 - [Start guidance]: Starts the guidance.
 - [Route options]: Changes the route options.
 - [Route scan]: Scans the route.
 - [Route info]: Displays the route information.

Avoid street

This allows you to modify and recalculate a set route by avoiding specific streets.

This allows you to avoid certain streets due to traffic conditions. You can calculate an alternative route from the vehicle location to the destination.

1. Press [NAV] > [Route] > [Avoid street].



2. Press the street(s) that you want to avoid.
3. Press [OK].

If you want to cancel it, press [Unmark all].
4. Press [Start guidance].

Detour

This function is used to redefine the route by setting a detour to a certain distance from the current position.

1. Press [NAV] > [Route] > [Detour].



2. Press the desired items.
 - [km] / [Shorter] / [Longer]: Selects a detour distance to take a detour for that distance.
3. Press [Detour].

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Bluetooth® Wireless Technology

Before Using the Bluetooth Handsfree

What is Bluetooth Wireless Technology?

- Bluetooth Wireless Technology refers to a short-distance wireless networking technology which uses a 2.45GHz frequency to connect various devices within a certain distance.
- Supported within PCs, external devices, Bluetooth phones, PDAs, various electronic devices, and automotive environments, Bluetooth Wireless Technology to be transmitted at high speeds without having to use a connector cable.
- Bluetooth Handsfree refers to a device which allows the user to conveniently make phone calls with Bluetooth mobile phones through the system.
- The Bluetooth Handsfree feature may not be supported in some mobile phones.

Precautions for Safe Driving

- Bluetooth Handsfree is a feature that enables drivers to practice safe driving. Connecting the head unit with a Bluetooth phone allows the user to conveniently make calls, receive calls, and manage the phone

book. Before using Bluetooth Wireless Technology, carefully read the contents of this owner's manual.

- Excessive use or operations while driving may lead to negligent driving practices and be the cause of accidents. Do not operate the device excessively while driving.
- Viewing the screen for prolonged periods of time is dangerous and may lead to accidents. When driving, view the screen only for short periods of time.


Cautions upon Connecting Bluetooth Phone

- Before connecting the head unit with the mobile phone, check to see that the mobile phone supports Bluetooth features.
- If you do not want automatic connection with your Bluetooth device, turn the Bluetooth feature off of the Bluetooth device.
- Park the vehicle when pairing the head unit with the mobile phone.
- Some Bluetooth features may occasionally not operate properly depending on the firmware version of your mobile phone. If such features can be operated after receiving a S/W upgrade from your mobile phone manufacturer, unpair all devices and pair again before use.

Pairing and connecting the unit and a Bluetooth phone

To use the Bluetooth feature, make sure the Bluetooth on your phone is turned on. Refer to your phone's user guide.

When no phones have been paired

1. Press " on the head unit or the steering wheel remote control.
 - [Cancel]: Cancels Bluetooth connection.
 - [Help]: Moves to the [Bluetooth] quick guide menu.
2. In your phone, initiate a search for Bluetooth devices. (The default device name is KIA MOTORS.)
3.
 - 1) If the SSP (Secure Simple Pairing) is not supported, enter the passkey on your Bluetooth device. (The default passkey is 0000.)
 - 2) If the SSP (Secure Simple Pairing) is supported, press [Yes] on the pop-up screen of your Bluetooth device. (The pop-up screen may differ from the actual information of the Bluetooth device.)

Bluetooth® Wireless Technology

4. Bluetooth device is connected.

The mobile phone contacts and the calling list are downloaded.

When the connection fails, failure message is displayed on the screen.

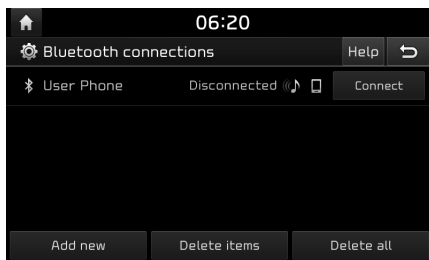
When a phone is already paired

1. Press "↶" on the head unit or the steering wheel remote control.
2. Press the device from the Bluetooth device list pop-up screen.

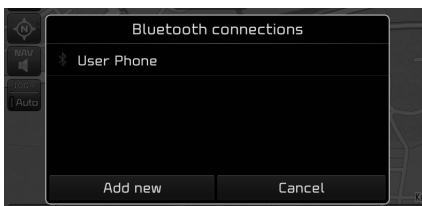
If you want to pair additional device, press [Add new]. Follow the steps 3-4 of "When no phones have been paired".

When pairing additional device

1. i) When using [⚙️] button, press [⚙️] > [Phone] > [Bluetooth connections].



- ii) When using [↶] button, press [↶].



2. i) Select the device you want to connect.
ii) If there is no device you want to connect, press [Add new].
3. In your phone, initiate a search for Bluetooth devices. (The default device name is KIA MOTORS.)
4. i) If the SSP (Secure Simple Pairing) is not supported, enter the passkey on your Bluetooth device. (The default passkey is 0000.)
ii) If the SSP (Secure Simple Pairing) is supported, press [Yes] on the pop-up screen of your Bluetooth device. (The pop-up screen may differ from the actual information of the Bluetooth device.)

5. Bluetooth device is connected.

The mobile phone contacts and the calling list are downloaded.

When the connection fails, failure message is displayed on the screen.

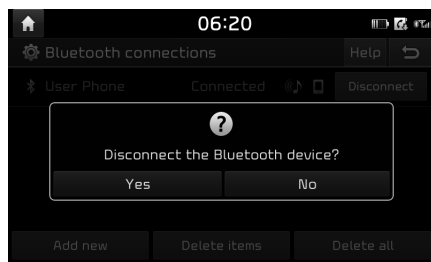
Notes

- For safety reasons, pairing a Bluetooth phone is not possible when the vehicle is in motion. Park the vehicle in a safe location to pair a Bluetooth phone. In order to pair new phone, you must first delete one of the previously paired phones.
- Some functions may not be supported due to limited Bluetooth compatibility.
- When a Bluetooth device is connected, a new device cannot be paired.

Bluetooth® Wireless Technology

Disconnecting the connected phone

1. Press [⚙️] > [Phone] > [Bluetooth connections].
2. Select the connected phone.



3. Press [Yes].

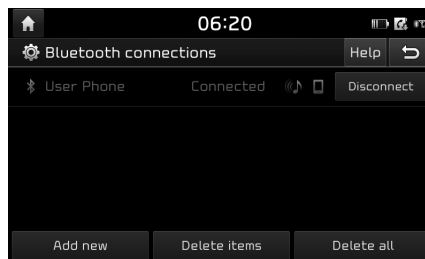
Note

If you want to connect the disconnected phone again, select the disconnected phone.

Deleting Bluetooth Devices

If you do not need to use a phone any longer, you can delete it. Note that deleting a Bluetooth device will delete all calling list and contact entries.

1. Press [⚙️] > [Phone] > [Bluetooth connections].



2. Press [Delete all] > [Yes] to delete all devices.

Press [Delete items]. Select the desired devices, then press [Delete] > [Yes].

- [Mark all]: Marks all items.
- [Unmark all]: Unmarks all items.

Making a call by entering phone number

Connect your unit and Bluetooth phone before making a call.

1. Enter the phone number using the keypad on the phone screen.
2. Press [📞] on the phone screen or "☎️" on the steering wheel remote control.

Note

If you press the wrong number, press [✖️] to delete one digit of the entered number.

Making a call by redialing

Press and hold [📞] on the phone screen or "☎️" on the steering wheel remote control.

Note

Redialing is not possible when there is no number in the dialed calls list.

Bluetooth® Wireless Technology

Answering/Rejecting a call

1. If there is an incoming call, a popup message will appear.
2. Press [Accept] in the popup message or [↶] on the steering wheel remote control.

To reject a call, select [Reject] in the popup message or [↷] on the steering wheel remote control.

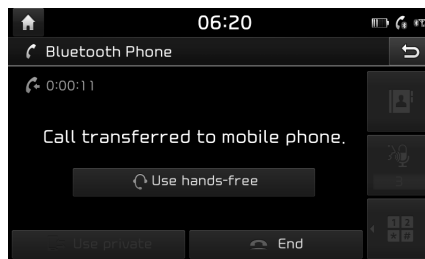
Notes

- If the Call-ID service is available, the caller's phone number is displayed.
- If caller's phone number is saved in the phone book, the caller's name is displayed on the unit.
- Upon receiving a call, the [Reject] function may not be supported in some mobile phones.

Switching call to the mobile phone

1. If you want to switch the call to the mobile phone while talking on the car handsfree, press [Use private] on the screen or press and hold [↶] on the steering wheel remote control.

As shown below, the call is switched to the mobile phone.



2. If you want to switch the call to the car handsfree while talking on the mobile phone, press [Use hands-free] on the screen or press and hold [↶] on the steering wheel remote control.

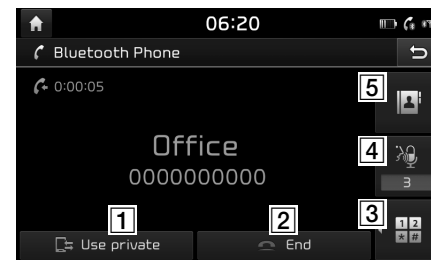
The call is switched to the car handsfree.

Ending a call

1. To end a call, press [↷] on the phone screen or "↷" on the steering wheel remote control.
2. The call is ended.

Using the menu during a phone call

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



Position	Description
1	Switches a voice call from the car handsfree to the mobile phone.
2	Ends a call.
3	Moves to a screen for entering ARS numbers.
4	Displays the Mic volume settings. You can adjust the in-call volume that the other party hears.
5	Displays the contacts list.

Bluetooth® Wireless Technology

Calling list

Making a call from calling list

1. Press [📞] on the phone screen.



2. Press [All], [Dialled], [Received], or [Missed].
 - [All]: Displays all calling list.
 - [Dialled]: Displays the outgoing calling list.
 - [Received]: Displays the incoming calling list.
 - [Missed]: Displays the missed calling list.
3. Press the entry you want to call.

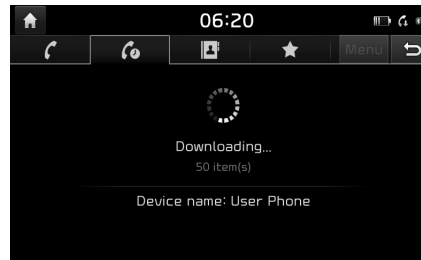
Note

The calling list may not be saved in some mobile phones.

Downloading call history

You can download the call history information from your mobile phone.

1. Press [📞] on the phone screen.
2. Press [Menu] > [Download] > [Yes].



Notes

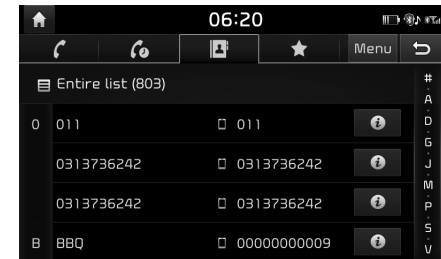
- Up to 50 received, dialled, and missed call history lists can be downloaded.
- The download feature may not be supported in some mobile phones. Check to see that the Bluetooth device supports the download feature.

Contacts

Making a call from contacts

1. Press [👤] on the phone screen.

The contacts are displayed on the screen.



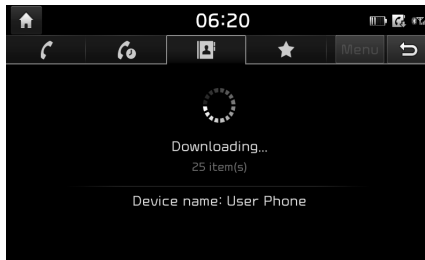
2. Select the contact you want to call from the list of contacts.

Bluetooth® Wireless Technology

Downloading mobile phone contacts

You can download contacts from your mobile phone.

1. Press [📶] on the phone screen.
2. Press [Menu] > [Download] > [Yes].



Notes

- Upon updating mobile phone contacts, the previous data is deleted.
- This feature may not be supported in some mobile phones.

Searching by name or number

You can search contacts for the name or number that you enter.

1. Press [📶] > [Menu] > [Search by name] or [Search by number] on the phone screen.



2. Enter the name or number, press [OK].
3. Select the contact you want to call.

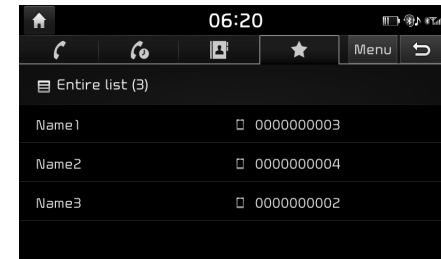
Favourites

Calling Favourites

If the phone number has already been stored in the Favourites, it can be easily called by tapping on it.

First of all, add the phone number in the Favourites. Refer to the “Adding as a Favourite” on page 60.

1. Press [★] on the phone screen.



<Favourite screen>

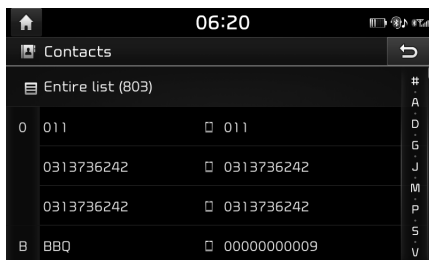
2. Select the desired favourite.

Bluetooth® Wireless Technology

Adding as a Favourite

Up to 20 contacts can be added to [Favourites] menu.

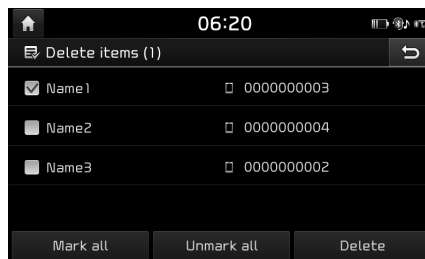
1. Press [★] > [Menu] > [Add new] on the phone screen.



2. Select one of the contacts.

Deleting favourites

1. Press [★] on the phone screen.
2. Press [Menu] > [Delete all] > [Yes] to delete all favourites.
Press [Menu] > [Delete items].



3. Select the desired item, then press [Delete] > [Yes].
 - [Mark all]: Marks all items.
 - [Unmark all]: Unmarks all items.

Phone settings

This menu describes phone settings.

1. Press [⚙️] on the phone screen.
2. For details, refer to the "Phone" on page 76.

Connected Services

Before using Connected Services

What is Connected Services?

Connected Services use TomTom LIVE Service to allow users to receive additional information in their car navigation system through the mobile phone network.

Traffic

Delivers the most accurate traffic information every two minutes. If you set the destination, you can have recommendation to recalculate the route according to the traffic condition.

Weather information

Delivers weather information and forecast for five days, and delivers weather information of the major European cities on the map.

Speed Camera Alerts

Delivers camera alerts with accurate and timely speed warnings.

Live POI (Points of interest)

Delivers POI search results based on the real time location information.

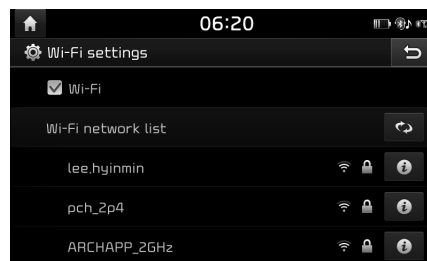
Connecting phone for using Connected Services

1. Activate a Wi-Fi hotspot on your mobile phone, and search for Wi-Fi networks. (For details refer to your mobile phone's user manual.)

Note

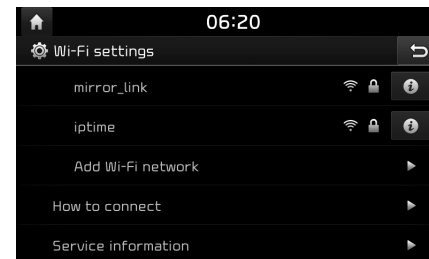
By creating a Wi-Fi Hotspot, you may incur additional data charges depending on your data plan, particularly when roaming. The battery of the mobile phone may drain quickly so consider charging the phone while using Connected Services.

2. Press [⚙️] > [Wi-Fi].
3. Press [Wi-Fi].



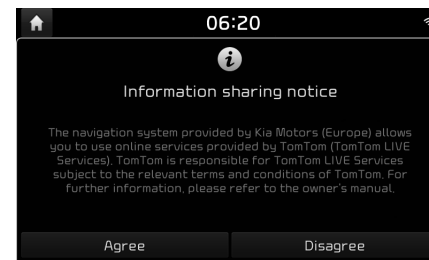
4. Press [Wi-Fi network list]. Select the desired Network. (If you want to connect the Wi-Fi Network manually, press [Add Wi-Fi Network].)

Especially, you can connect a hidden Wi-Fi Network.)



Note

When you connect the Network for the first time, the information sharing notice screen is displayed. Read carefully and then press [Agree].



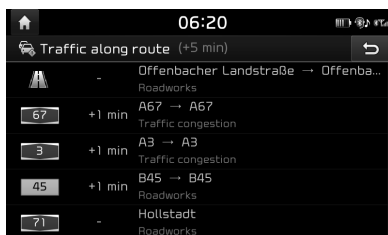
Connected Services

Features

Traffic

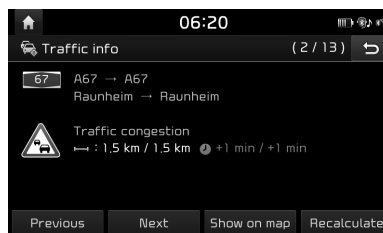
The current traffic/road event information is basically displayed on the traffic information list. This feature may not be supported depending on condition.

1. Press [ⓘ] > [Traffic].



- It is displayed only when there is traffic information along route after a route is set.
- The total delay time will be displayed on title. This can be different from sum of each delay times due to rounding-off.

2. Press the desired items.



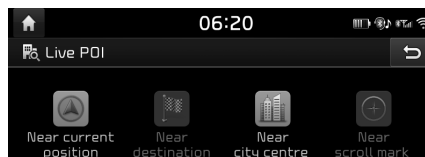
- [Previous]/[Next]: Toggles through different traffic events.
- [Show on map]: Displays map screen for selected area.
- [Recalculate]: Recalculates the route by reflecting traffic information.

Live POI (Points of interest)

You can set a POI as destination using different search methods.

Searching for POI by [Near current position] or [Near destination]

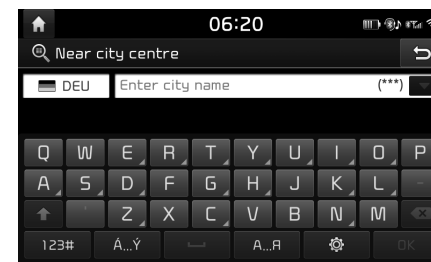
1. Press [ⓘ] > [Live POI].



2. Press [Near current position] or [Near destination].
 - [Near current position]: Searches POI near current vehicle position.
 - [Near destination]: Searches POI near selected destination.
3. Enter the desired POI (Points of interest) name and press [OK].
4. Select the desired destination.
5. Follow the steps 3-4 of the "Address Search" on page 34.

Searching for POI by [Near city centre]

1. Press [ⓘ] > [Live POI] > [Near city centre].



2. Enter the desired city name and press [OK].
3. Enter the desired POI (Points of interest) name and press [OK].

Connected Services

4. Select the desired destination.
5. Follow the steps 3-4 of the "Address Search" on page 34.

Searching for POI by [Near scroll mark]

1. Perform a long press on the desired map area. The selected point will be centred on the screen and the scroll mark will be displayed.

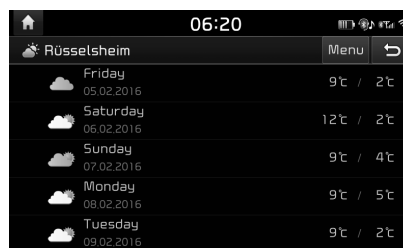


2. Press [ⓘ] > [Live POI] > [Near scroll mark].
3. Enter the desired POI (Points of interest) name and press [OK].
4. Select the desired destination.
5. Follow the steps 3-4 of the "Address Search" on page 34.

Weather

This provides weather forecast for the next day including the current day, for the current position and destination.

1. Press [ⓘ] > [Weather] > [Current position] or [Destination].

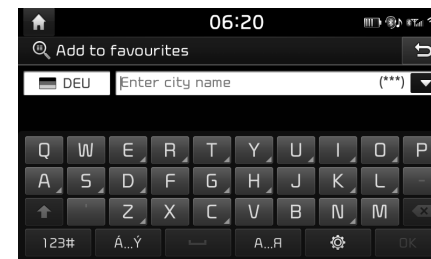


- [Current position]: Displays weather information in your current position.
 - [Destination]: Displays weather information in your destination.
2. Press the desired list for more weather information.

Setting Favourites

If your favourite locations have already been saved in the [Favourites] menu, you can check weather information for favourite locations easily.

1. Press [ⓘ] > [Weather] > [Favourites] > [Menu] > [Add].



2. Search the city name and select the desired city.
3. Press [Add to favourites].




Connected Services


- Press the desired list for more weather information.

Note

You can also add the current position or destination as favourites.

Press [] > [Weather] > [Current position] or [Destination] > [Menu] > [Add].

Deleting Favourites

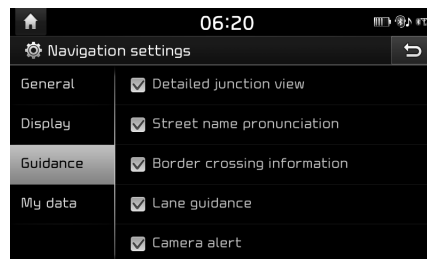
- Press [] > [Weather] > [Favourites] > [Menu] > [Delete].



- Select the desired item, then press [Delete] > [Yes].
 - [Mark all]: Marks all items.
 - [Unmark all]: Unmarks all items.

Speed Camera Alerts

- Press [] > [Navigation] > [Guidance].



- Press [Camera alert] or [Danger zone alert].
The using notice screen is displayed. Read carefully and then press [Agree] to use the function.

Notes

- The [Camera alert] or [Danger zone alert] is displayed only when the Wi-Fi Network has been connected.
- According to the country legislation, the [Camera alert] might be changed to [Danger zone alert].
- According to the country legislation, the [Camera alert] or [Danger zone alert] might not be available.

- Press [MAP].
The alert for speed camera appears about 10 seconds or 100 m before the camera point of arrival.



Notes

- Depending on the region and the type of speed camera, the image might differ.
- You can request the related information update by pressing the speed camera information icon.
 - When the camera alert appears but there is no speed camera, you can report to TomTom to delete the camera information by pressing the speed camera image.
 - When the speed camera appears but there is no camera alert, you can report to TomTom by pressing the speed camera report button.

Connected Services

Connected Services availability by Country

("YES" : Available, / "NO": Not Available) [Availability at the time of printing in 2015]

ISO code	Country/ Territory	Traffic	Weather	Camera Alerts	Live POI
AD	Andorra	YES	YES	YES	YES
AL	Albania	NO	YES	NO	NO
AT	Austria	YES	YES	YES	YES
BA	Bosnia and Herzegovina	NO	YES	NO	NO
BE	Belgium	YES	YES	YES	YES
BG	Bulgaria	NO	YES	YES	YES
BY	Belarus	NO	YES	NO	NO
CH	Switzerland	YES	YES	NO	YES
CZ	Czech Republic	YES	YES	YES	YES
DE	Germany	YES	YES	YES	YES
DK	Denmark	YES	YES	YES	YES
EE	Estonia	NO	YES	YES	YES
ES	Spain	YES	YES	YES	YES
FI	Finland	YES	YES	YES	YES

ISO code	Country/ Territory	Traffic	Weather	Camera Alerts	Live POI
FR	France	YES	YES	YES	YES
GB	Great Britain	YES	YES	YES	YES
GI	Gibraltar	YES	YES	YES	YES
GR	Greece	YES	YES	YES	NO
HR	Croatia	NO	YES	YES	YES
HU	Hungary	YES	YES	YES	YES
IE	Ireland	YES	YES	YES	YES
IS	Iceland	NO	YES	NO	YES
IT	Italy	YES	YES	YES	YES
LI	Liechtenstein	YES	YES	NO	YES
LT	Lithuania	NO	YES	YES	YES
LU	Luxemburg	YES	YES	YES	YES
LV	Latvia	NO	YES	YES	YES
MC	Monaco	YES	YES	YES	YES
MD	Moldova	NO	YES	NO	NO

Connected Services

ISO code	Country/Territory	Traffic	Weather	Camera Alerts	Live POI
ME	Montenegro	NO	YES	NO	YES
MK	Macedonia	NO	YES	NO	NO
NL	Netherlands	YES	YES	YES	YES
NO	Norway	YES	YES	YES	YES
PL	Poland	YES	YES	YES	YES
PT	Portugal	YES	YES	YES	YES
RO	Romania	NO	YES	YES	YES
RS	Serbia	NO	YES	YES	YES
RU	Russia	YES	YES	YES	YES
SE	Sweden	YES	YES	YES	YES
SI	Slovenia	NO	YES	YES	YES
SK	Slovakia	YES	YES	YES	YES
SM	San Marino	YES	YES	YES	YES
TR	Turkey	YES	YES	NO	YES
UA	Ukraine	NO	YES	YES	YES

ISO code	Country/Territory	Traffic	Weather	Camera Alerts	Live POI
VA	Vatican City	YES	YES	YES	YES

Notes

- The availability of Connected Services may be changed depending on the TomTom's service condition.
- To use the Connected Services, you must connect to your mobile phone and have to use mobile phone's data plan.
- The Connected Services data (Traffic/ Camera Alerts/ Weather/ Live POI) may not be matched with real condition.
- Connected Services are free of charge for the first 7 years of ownership. Afterwards licence fees will be required to continue using the services.
- The availability of Connected Services may change without prior notification for service improvement.

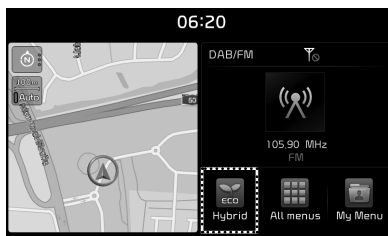
Hybrid

Hybrid information

The hybrid vehicle flexibly uses power from the electric system and power from the engine according to the efficient driving conditions.

Starting hybrid mode

Press [Hybrid] on the [Home] screen or the [All menus] screen.



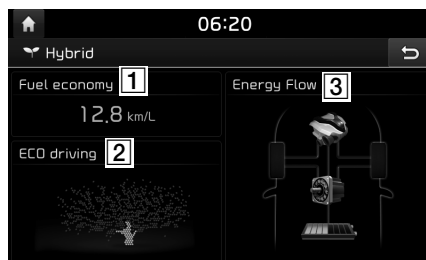
[Home] screen



[All menus] screen

Menu screen for hybrid mode

The Hybrid menu consists of three sections: [Fuel economy], [ECO driving], [Energy flow].



- 1 [Fuel economy]: Displays fuel economy information according to the vehicle's drive.
- 2 [ECO driving]: Displays the ECO driving information of the 8 levels according to the vehicle's drive.
- 3 [Energy Flow]: Displays the status of the power delivery for each component according to the vehicle's drive.

Fuel economy

This displays fuel economy information according to vehicle's drive.

Press [Hybrid] > [Fuel economy].



- 1 [Average]: Displays average fuel economy according to the vehicle's drive.
- 2 [Reset]: Resets information of the displayed fuel economy graph.
- 3 [Fuel economy graph]: Displays fuel economy information for the last 30 minutes. (The graph is updated every 2 minutes and 30 seconds.)

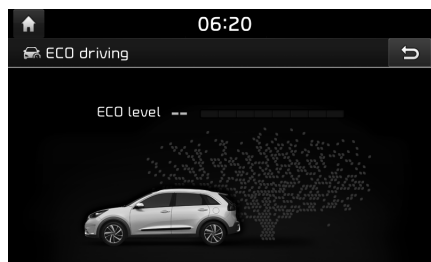
Notes

- The fuel economy graph is reset when the vehicle's ignition is turned off.
- Average fuel economy shows cumulative average fuel efficiency since last refuelling and is preserved even when the graph is reset.

Hybrid

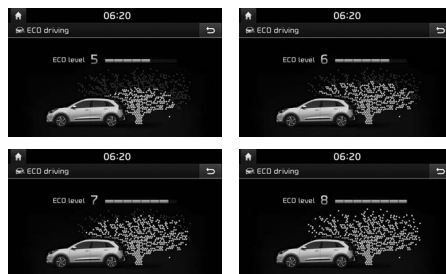
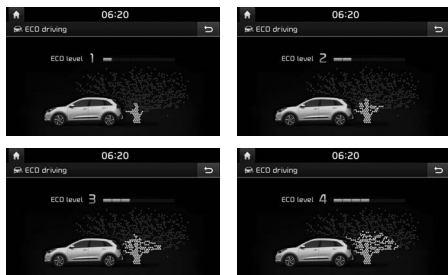
ECO driving

This displays the ECO driving information of the 8 levels according to the vehicle's drive. Press [Hybrid] > [ECO driving].



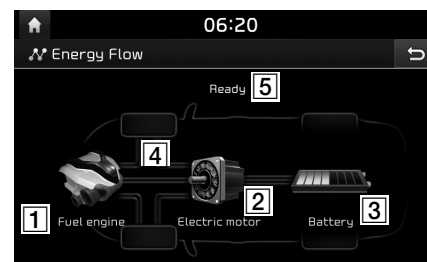
The following ECO drivings are displayed according to the vehicle's mode.

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



Energy Flow

This displays the status of the power delivery for each component according to the vehicle's drive. Press [Hybrid] > [Energy Flow].



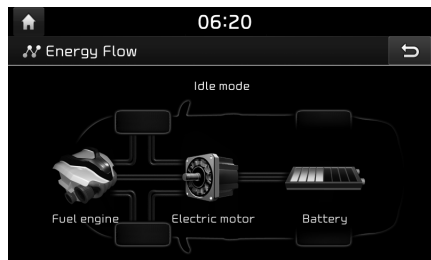
- 1 [Fuel engine]: Displays the operating status of the engine.
- 2 [Electric motor]: Displays the operating status of the hybrid electric motor.
- 3 [Battery]: Displays the operating status and the remaining battery for the electric motor driving.
- 4 Displays the flow of power transfer between the components.
- 5 Displays the driving state of the hybrid vehicle.

Hybrid

Driving status of hybrid vehicle

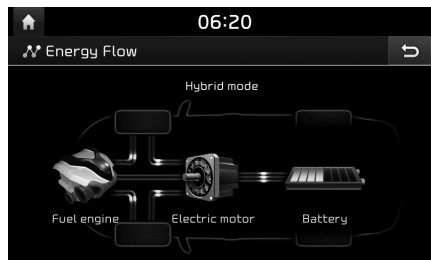
Idle mode

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



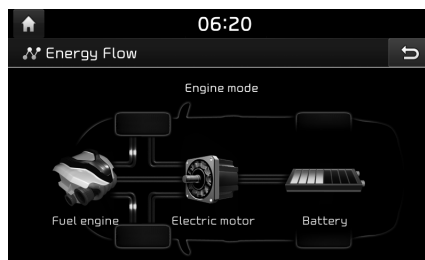
Hybrid mode

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



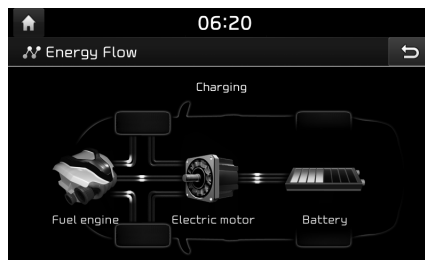
Engine mode

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



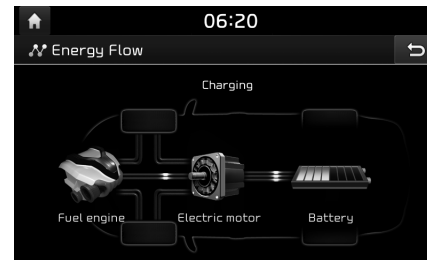
Charging in engine mode

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



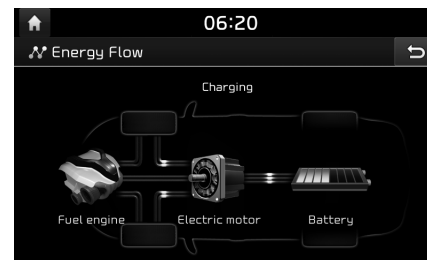
Battery charging 1

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



Battery charging 2

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



Engine brake

Electric mode

Charging in electric mode

Battery charging 3

Charging when engine braking

Android Auto

What is Android Auto?

You can securely access your smartphone while driving by using this feature. Various functions on your smart phone are displayed on the multimedia system so you can easily use them (finding the direction, making a call, listening to music, etc.).

With Android Auto connected, Android Auto appears on the screen. Available functions and operations may differ depending on the company model.

For more information, visit the Google website.

- Google: <http://support.google.com/androidauto/>

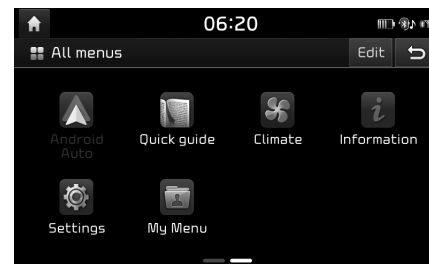
Cautions

- Android Auto is a registered trademark of Google Inc.
- Android Auto is unavailable if the phone OS is not the latest version or your phone is unable to be recognized due to a shutdown caused by a failure or defect in the device itself.
- Your phone may not be recognized if its battery is low. Charge your phone then try again.
- If your phone is shut down due to a defect in the device itself, reset your phone and try again.

- If you repeatedly connect and disconnect the USB cable on the device in a short period of time, your phone may malfunction. This can also cause a device failure.
 - The device recognition time may differ depending on the device type and firmware/OS version.
 - Using the USB cable that came with the phone is recommended. (Using a non-genuine product may cause noise or malfunction.)
 - Normal operations are not guaranteed when you arbitrarily manipulate your phone while Android Auto is active.
 - Android Auto may not operate normally due to mobile phone issues.
 - Carrier charges may apply when using Android Auto.
 - The following problems may occur due to issues with your phone.
 - Intermittent black screens appear when entering Android Auto.
 - Unable to differentiate between phones that support Android Auto and those that do not.
 - Black screens appear in some areas of the screen due to app errors.
- ※ If services do not work properly due to problems similar to the specified above, check your phone, and if necessary, reconnect your phone after restarting.

Using Android Auto

1. With Android Auto, connect the USB cable provided by the mobile manufacturer.
2. On the [All Menus] screen, select the [Android Auto].




3. You can use Android Auto features, such as navigation, music, and phone.

NOTICE

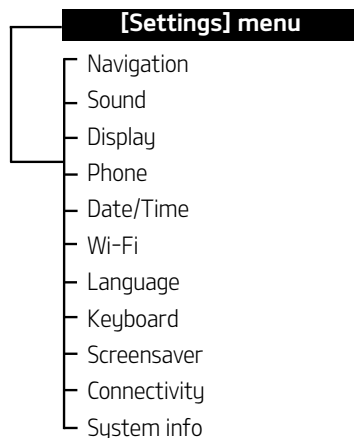
- Before connecting your mobile phone, check whether Android Auto is activated in the [Connectivity settings] menu.
- After connecting the mobile phone, you must unlock your phone and accept the Disclaimers on your phone in order for Android Auto to launch.
- The screens and features displayed on the multimedia system are the same as what Google originally provide. The screens and features are subject to change according to the policy of each individual company.

Android Auto

- Bluetooth media features will be disabled when Android Auto is activated. You cannot use Bluetooth Media features such as Bluetooth Audio. If you want to use such features, remove the USB cable before use.
- Android Auto mode does not support the feature that enables you to search for music files by controlling the  knob.
- If Android Auto is not activated even after a successful connection, check the following:
 - Phone Application status (Check if an error has occurred)
 - Check if Android Auto has been closed on your phone
 - Check whether Android Auto is activated in the [Connectivity settings] menu
- If Android Auto does not work normally even after a reconnection has been made, visit the Google website <http://support.google.com/androidauto>.

Settings

[Settings] menu overview



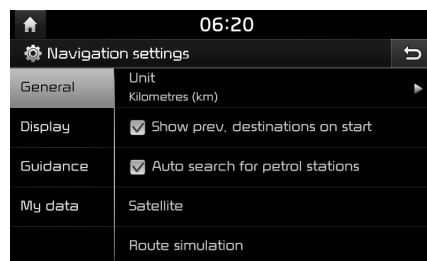
Navigation

This menu describes navigation settings.

General

This menu is used to change general settings.

1. Press [⚙️] > [Navigation] > [General].



2. Select the desired items.

- [Unit]: Changes the unit between the "Kilometres (km)" and "Miles (mi)".
- [Show prev. destinations on start]: Changes the previous destination view setting when starting navigation. When this is selected and when navigation is started without a route planned, a list of previous destination will be displayed.
- [Auto search for petrol stations]: Sets whether to search for near petrol station in the case of fuel shortage.

- [Satellite]: Displays the satellite status.
- [Route simulation]: This function allows the user to simulate a route guidance when a route is set.



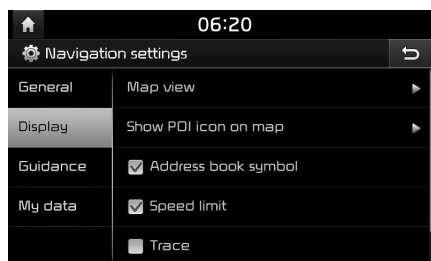
- [⏸️/▶️]: Pauses or plays the driving simulation.
- [✖️]: Ends the driving simulation.
- [1X],[2X],[3X]: Sets the speed of driving simulation.
- [⏮️]: Moves to the previous section.
- [⏭️]: Moves to the next section.
- [Reset navigation settings]: Resets navigation settings specified by the user.

Settings

Display

This menu is used to change the display environment settings.

1. Press [⚙️] > [Navigation] > [Display].



2. Select the desired items.

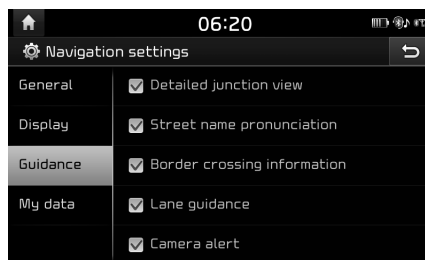
- [Map view]: Sets the navigation options related to map view. Select [2D north up], [2D heading up], [3D heading up] or [3D buildings].
- [Show POI icon on map]: Sets whether to display the POI icon on the map screen or not.
- [Address book symbol]: Sets whether to display a symbol on the map about the positions saved in address book or not.
- [Speed limit]: Sets whether to display the speed limit or not.

- [Trace]: Sets whether to trace the route passed by the vehicle or not.
- [Reset trace]: Resets the trace of the route passed by the vehicle.

Guidance

This menu is used to change the guidance settings.

1. Press [⚙️] > [Navigation] > [Guidance].



2. Select the desired items.

- [Detailed junction view]: Sets whether to display the junction view mode or not.
- [Street name pronunciation]: Sets whether to execute the street name pronunciation or not.
- [Border crossing information]: Sets whether to display the border crossing information or not.

- [Lane guidance]: Sets the lane guidance on/off.
- [Camera alert]/[Danger zone alert]: Sets whether to execute the camera alert or not.
 - The [Camera alert] or [Danger zone alert] is displayed only when the Wi-Fi Network has been connected.
 - Depending on the region, the [Camera alert] might be changed to [Danger zone alert].
 - Depending on the region, the [Camera alert] or [Danger zone alert] might not be supported.

Settings

My data

1. Press [⚙️] > [Navigation] > [My data].

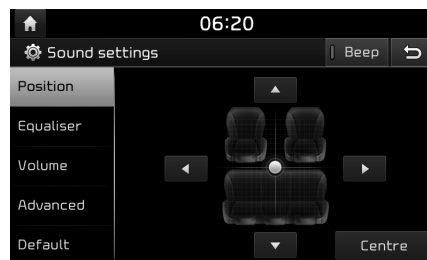


2. Select the desired items.
 - [Import address book from USB]/[Export address book to USB]: This function is used to export the address book to USB memory device and to import the address book from USB memory device. For details, refer to "Importing address book from USB" and "Exporting address book to USB" on page 38.
 - [Import My POI from USB]: This function is used to import the POI data including the map information (position, name, or etc) saved to USB memory device. Press [Import My POI from USB], then follow the steps 4-6 of "Importing the POI data" on page 40.

Sound

This menu is used to adjust the sound effects for the whole system. (It may vary depending on the type of vehicle.)

1. Press [⚙️] > [Sound].



2. Select the desired items.
 - [Position]: This menu allows you to set the sound position. For example, you can set the sound close to the driver-seat so that the volume is relatively lower in the passenger or rear seats.
 - Press [▲]/[▼]/[◀]/[▶] to control the sound positioning.
 - Drag and drop the dot to a desired place to adjust the sound position.
 - Press [Centre] to concentrate the sound in the centre of the vehicle.
 - [Equaliser]: This menu allows you to set the Bass [BASS]/ Middle [MID]/ Treble [TREBLE].
 - Press [-]/[+] to control bass/middle/treble settings.
 - Drag the slide bar to control bass/middle/treble settings.
 - Press [Centre] to initialize the settings.
 - [Volume]:
 - [Navigation prioritised]: This menu is used to control the volume ratio of the audio and navigation guidance. If the rectangle box of [Navigation prioritised] is checked, navigation guidance volume is louder than audio volume.
 - [Volume limitation on startup]: Limits the volume ratio automatically when starting the system. After you turn the system on, audio volume would not be changed if previous volume was moderate (1~20). After you turn the system on, audio volume would be decreased to 20 if previous volume was too high (more than 20).
 - [Advanced]: This menu allows you to control automatically the audio volume according to the speed of the vehicle. Press [SDVC].

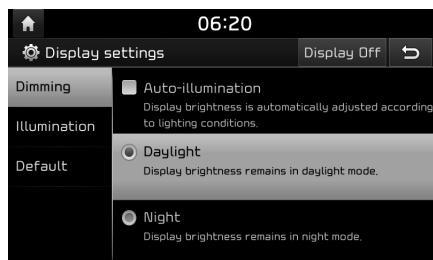
Settings

- [Default]: Resets the sound settings to factory default.
- [Beep]: This menu allows you to play a beep sound whenever you operate the touch screen. Press [Beep].

Display

This menu is used to adjust the illumination and set the dimming mode for the whole system.

1. Press [⚙️] > [Display].



2. Select the desired items.
 - [Dimming]: Sets the display brightness according to mode changes.
 - [Auto-illumination]: Adjusts the brightness automatically according to surrounding brightness.
 - [Daylight]: Always keeps the brightness high regardless of surrounding brightness.
 - [Night]: Always keeps the brightness low regardless of surrounding brightness.
 - [Illumination]: Press [-]/[+] to set display brightness for daylight or night mode.
 - [Default]: Resets the display settings to factory default.
 - [Display Off]: Press [Display Off] to turn the screen off. Press the screen to turn the screen on.

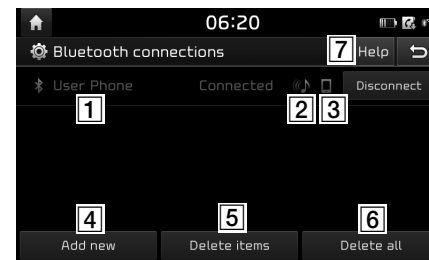
Phone

This menu describes Bluetooth phone settings.

Bluetooth connections

This menu is used to pair and connect the head unit and a Bluetooth phone.

Press [⚙️] > [Phone] > [Bluetooth connections].



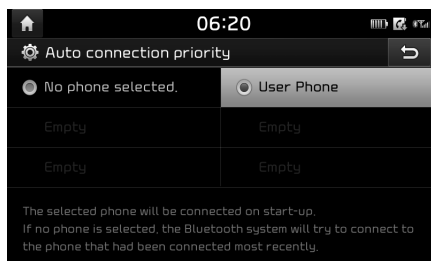
- 1 Paired device list: Displays the paired Bluetooth device list. When selecting from the list, the device is either connected or disconnected.
- 2 Bluetooth audio connection status: An icon appears when you make a Bluetooth audio connection.
- 3 Bluetooth hands-free connection status: An icon appears when you make a Bluetooth hands-free connection.
- 4 [Add new]: Registers a new Bluetooth device.
- 5 [Delete items]: Selects and deletes a paired device.
- 6 [Delete all]: Deletes all paired devices.
- 7 [Help]: Switches to the Bluetooth connection help screen.

Settings

Auto connection priority

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

1. Press [⚙️] > [Phone] > [Auto connection priority].



2. Select the desired items.

Note

If there is no phone selected, the previously connected phone will be automatically connected. If there are no previously connected phones, the system will try to connect to devices in the list in order.

System Bluetooth info

Device name

You can change the Bluetooth device name of the vehicle.

1. Press [⚙️] > [Phone] > [System Bluetooth info] > [Device name].



2. Enter the desired name using the keypad, then press [OK].

Note

The default device name is set to KIA MOTORS.

Passkey

You can change the passkey used for Bluetooth device authentication.

1. Press [⚙️] > [Phone] > [System Bluetooth info] > [Passkey].



2. Enter the passkey using the keypad.

Note

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

Default

This menu is used to reset the Bluetooth settings to factory default.

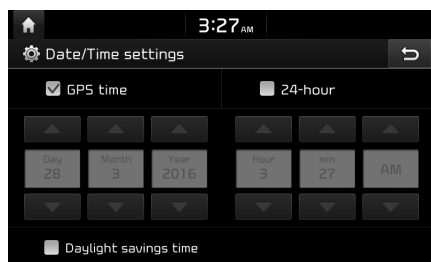
1. Press [⚙️] > [Phone] > [Default].
2. Press [Default] > [Yes].

Settings

Date/Time

This menu describes date and clock settings.

1. Press [⚙️] > [Date/Time].



2. Select the desired items.
 - [GPS time]: Displays time according to the received GNSS time.
 - [24-hour]: Switches to 12 hour or 24 hour.
 - [Daylight savings time]: Turns the daylight savings time on or off. When daylight savings time is turned on, the clock is moved forward one hour.

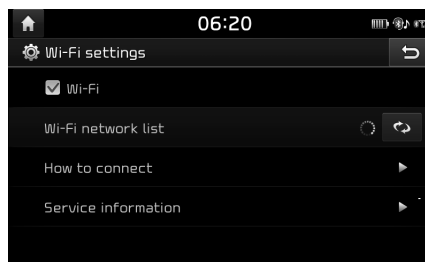
Note

Time is displayed when the GNSS signal is received after connecting the battery again.

Wi-Fi

This menu describes Wi-Fi settings for using TomTom service.

1. Press [⚙️] > [Wi-Fi].

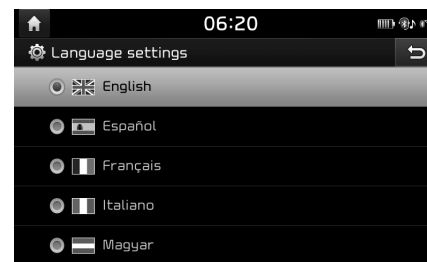


2. Press the desired items.
 - [Wi-Fi]: This menu allows you to turn Wi-Fi on or off.
 - [Wi-Fi network list]: This menu shows available Wi-Fi network list.
 - [How to connect]: This menu provides help to connect to a Wi-Fi network.
 - [Service information]: This menu shows the User ID, Service agreement and MAC address.

Language

This menu is used to set the language of the system.

1. Press [⚙️] > [Language].



2. Select the desired language.

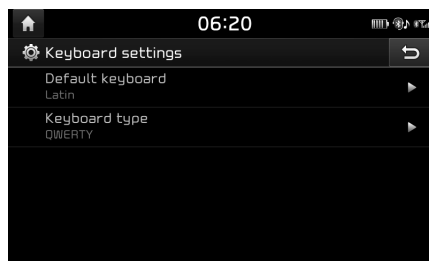
Settings

Keyboard

This menu is used to configure the keyboard layout for each language.

Configured keyboard layouts are applied to all input modes.

1. Press [⚙️] > [Keyboard].



2. Select the keyboard type.
 - [Default keyboard]: Select [Latin], [Cyrillic] or [Korean].
 - [Keyboard type]: Select [QWERTY], [QWERTZ], [AZERTY] or [ABC].

Screensaver

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

1. Press [⚙️] > [Screensaver].

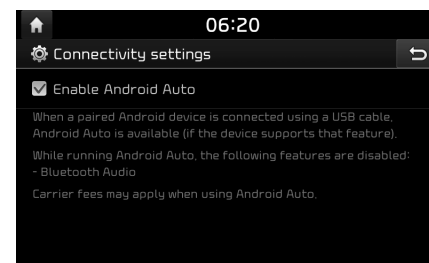


2. Select the desired items.
 - [Digital]: The digital clock and date is displayed.
 - [Analogue]: The analogue clock and date is displayed.
 - [None]: Nothing is displayed.

Connectivity

This menu is used to set Android Auto to activate when an Android device is connected.

1. Press [⚙️] > [Connectivity].



2. If Android Auto is checked, you can use the functions of your Android phone with a USB cable connected. The latest version of Android must be installed on the phone (Android5.0 and above). While Android Auto is running, you cannot use some features.

Note

This setting is disabled when a device is connected to the vehicle USB port.

Settings

System info

Version info

You can view software version, firmware version, navigation application version, map version and device ID.

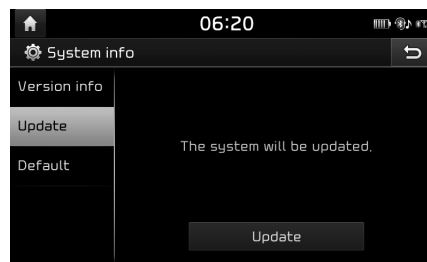
Press [⚙️] > [System info] > [Version info].



Update

For system's software security, new function addition, and map update, you need an update.

1. Press [⚙️] > [System info] > [Update].



2. Insert the SD card with latest file downloaded into the SD card slot.

3. Press [Update] > [OK].

Once updating is complete, the system will automatically restart.

Notes

- This product requires regular updates for software corrections, new functions and map updates. Updating may require up to 1 hour depending on the data size.
- Turning off the power or ejecting the SD card during the update process may result in data loss. Make sure to keep the ignition on and wait until updating is complete.

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

Default

This menu is used to reset all settings specified by the user.

1. Press [⚙️] > [System info] > [Default].
2. Press [Default] > [Yes].

Note

This [Default] menu is deactivated if an android auto device has been connected to the system.

Using rear camera – Option

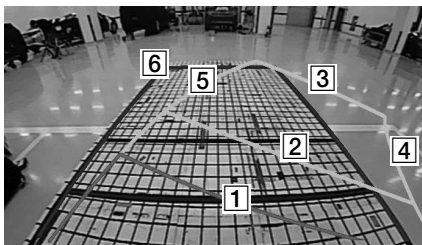
About Rear Camera

Rear camera is an option for the customers who selected the option.

Rear camera is parking guide system, when the ignition switch is on and a car start-up with being in R position of a transmission lever.

Notes

- Rear camera has an optical lens to secure wide view, so there is a little difference in the distance shown on the screen. For safety, make sure to check the rear, left, and right view by yourself.
- The colour of the parking guide line on the screen may differ from reality.



Note

When driving backwards, it displays drive and natural steering path.

Line	Instruction
1 Red line	About 0.5 m from the vehicle rear bumper
2 Yellow line 1	About 1 m from the vehicle rear bumper
3 Yellow line 2	About 3 m from the vehicle rear bumper
4 Yellow line 3	Vehicle path of the left side wheel in the vehicle's front passenger seat side
5 Yellow line 4	Vehicle path of the right side wheel in the vehicle's front passenger seat side
6 Blue line	Steering neutral path

Before thinking there is a product defect

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

- When driving on Y-shaped roads with narrow angles the current position may be displayed in the opposite direction.
- Within city streets, the current position may be displayed on the opposite side or on an off-road position.
- When changing the zoom level from maximum to a different level, the current position may be displayed on a different road.
- If the vehicle is loaded onto a ferry or a car transport vehicle, the current position may be stalled on the last position prior to loading.
- When entering a road after passing an underground parking structure, building parking structure, or roads with many rotations.
- When driving in heavy traffic with frequent starts and stops.
- When driving under slippery conditions, such as heavy sand, snow, etc..
- When the tires have recently been replaced (Especially upon use of spare or studless tires).

- When using tires of improper size.
- When the tire pressure for the 4 tires are different.
- When the replacement tire is worn or used (Especially studless tires having passed a second season).
- When driving near high-rise buildings.
- When a roof carrier has been installed.
- When a long distance route is calculated while driving on an expressway, in such cases, continued driving will automatically enable the system to conduct map matching or use updated GNSS information to provide the current position (In such cases, up to several minutes may be required).

Correct route guidance may not occur due to search conditions or driving position. The following occurrences are not malfunctions:

- Guidance to go straight may be given while driving on a straight road.
- Guidance may not be given even when turning onto an intersection.
- There are certain intersections in which guidance may not occur.

- A route guidance signaling for a u-turn may occur in some No u-turn intersections.
- Route guidance signaling entrance into a No-entry zone may occur (No-entry zone, road under construction, etc.).
- Guidance may be given to a position that is not the actual destination if roads to reach the actual destination do not exist or are too narrow.
- Faulty voice guidance may be given if the vehicle breaks away from the designated route. (e.g. if a turn is made at an intersection while the navigation provided guidance to go straight.)

These situations may occur after conducting route calculation. The following occurrences are not malfunctions:

- Guidance may be given to a position differing from the current position when turning at an intersection.
- When driving in high speeds, route recalculation may take a longer period of time.

Before thinking there is a product defect

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 authorised 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	<ul style="list-style-type: none">• Has the Switch for the vehicle been turned to [ACC] or [ON]?• Has the SYSTEM been turned OFF?
The screen is being displayed but sound is not working	<ul style="list-style-type: none">• Has the volume been set to a low level?• Has the volume been muted?
When the power is turned on, the corners of the screen are dark	<ul style="list-style-type: none">• 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 authorised 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?
When turning power on, the most recent mode screen is not displayed	<p>Within modes that play files by reading external sources, such as USB, iPod, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load.</p> <ul style="list-style-type: none">• If 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.	<ul style="list-style-type: none">• Replace with a suitable fuse.• If the fuse is disconnected again, please contact your authorised Kia dealer.
	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 authorised Kia dealer.
The image colour/ tone quality is low.	The brightness, saturation, and contrast levels are not set properly.	Properly adjust the brightness, saturation, and contrast levels through Display Setup.
Sound does not work.	The volume level is set to the lowest level.	Adjust the volume level.
	The connection is not proper.	Check to see that the device has been properly connected.
	The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode.	The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode.

Troubleshooting

Problem	Possible Cause	Countermeasure
The sound or image quality is low.	Vibration is occurring from where the conversion switch has been installed.	The sound may be short circuited and the image distorted if the device vibrates.
	Image colour/tone quality is low.	The device will return to normal once vibrations stop.
The USB does not work.	USB memory is damaged.	Please use after formatting the USB into FAT 16/32, exFAT or NTFS format.
	USB memory has been contaminated.	Remove any foreign substances on the contact surface of the USB memory and multimedia terminal.
	A separately purchased USB HUB is being used.	Directly connect the USB memory with the multimedia terminal on the vehicle.
	A USB extension cable is being used.	Directly connect the USB memory with the multimedia terminal on the vehicle.
	A USB which is not a Metal Cover Type USB Memory is being used.	Use standard USB Memory.
	An HDD type, CF, SD Memory is being used.	Use standard USB Memory.
	There are no music files which can be played.	Only MP3, WMA, OGG and FLAC file formats are supported. Please use only the supported music file formats.
The iPod is not recognised even though it has been connected.	There are no titles which can be played.	Use iTunes to download and save MP3 files into the iPod.
	The iPod firmware version has not been properly updated.	Use iTunes to update the firmware version and reconnect the iPod with the device.
	The iPod device does not recognise downloads.	Reset the iPod and reconnect with the device.

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iPod®

iPod® is a registered trademark of Apple Inc.

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In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping and handling) upon email request to opensource@lge.com. This offer is valid for three (3) years from the date on which you purchased the product.

Specification

Common	Power Supply	DC 14.4 V
	Operating Power	DC 9 V ~ DC 16 V
	Current Consumption	Maximum 14 A (Internal amplifier)
		Maximum 5 A (External amplifier)
	Dark Current	Maximum 0.5 mA
	Operating Temperature	-20 °C ~ +70 °C
	Storage Temperature	-40 °C ~ +85 °C
	Dimensions (Head unit)	7 inches : 222.58 mm (W) X 131.5 mm (H) X 223.73 mm (D) 8 inches : 232.2 mm (W) X 131.47 mm (H) X 222.63 mm (D)
	Weight (Head unit)	2.25 kg
Bluetooth	Supported Profile	HFP 1.6, A2DP 1.2, AVRCP 1.5, PBAP 1.1
	Supported Bluetooth Specification	3.0
	Frequency Range	2402 MHz ~ 2480 MHz
	Output (Class2)	1.0 dBm
	Number of Channels	79
DAB (option)	Tuning Range	5 A (174.928 MHz) ~ 13F (239.200 MHz)
	Usable Sensitivity	5 dBuV
	Signal-to-noise ratio	Minimum 8 dB

Radio	AM	
	Tuning range	522 kHz ~ 1620 kHz
	Usable Sensitivity	35 dBuV
	Signal-to-noise ratio	Minimum 45 dB
	FM	
	Tuning range	87.50 MHz ~ 108.00 MHz
	Usable Sensitivity	10 dBuV
	Signal-to-noise ratio	Minimum 50 dB
TFT-LCD	Screen Size	177.73 mm (7 inches) 152.4 (W) x 91.44 (H) mm (Active area)
		203.2 mm (8 inches) 176.4 (W) x 99.36 (H) mm (Active area)
	Resolution	384,000 pixel
	Operating Method	TFT (Thin Film Transistor)
	Viewing Angle	R/L/U/D 89 (Typ)
Wi-Fi	Internal Lighting	LED
	Standard	IEEE 802.11 a/b/g/n/ac
	Frequency Range	2400 MHz ~ 2483.5 MHz
		5150 MHz ~ 5250 MHz 5725 MHz ~ 5850 MHz

- Designs and specifications are subject to change without prior notice.